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UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

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UNIVERSITY OF ILLINOIS

TRANSACTIONS
OF THE
BOARD OF TRUSTEES

July 1, 1958, to June 30, 1960

A. J. JANATA
Secretary

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BOARD OF TRUSTEES

Members Ex Officio

WILLIAM G. STRATTON, Governor of Illinois, Springfield
GEORGE T. WILKINS, Superintendent of Public Instruction, Springfield

Elected Members

(Term 1955-61)

WIRT HERRICK, 118 Warner Court, Clinton
MRS. FRANCES B. WATKINS, 5454 Cornell Avenue, Chicago 15
KENNEY E. WILLIAMSON, Sixth Floor, Lehmann Building, Peoria 2

(Term 1957-63)

EARL M. HUGHES, Hughes Farms, Route 1, Woodstock
WAYNE A. JOHNSTON, 135 East Eleventh Place, Chicago 5
TIMOTHY W. SWAIN, 912 Central National Bank Building, Peoria 2

(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

Officers of the Board

KENNEY E. WILLIAMSON, President, Peoria
ANTHONY J. JANATA, Secretary, Urbana
HERBERT O. FARBER, Comptroller, Urbana
CLARENCE W. WELDON, Treasurer, First National Bank, Chicago 3

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

July 29, 1958



The July meeting of the Board of Trustees of the University of Illinois was held in the Illini Union Building, Urbana, Illinois, on Tuesday, July 29, 1958, beginning at 2:30 p.m., central daylight saving time.

The following members of the Board were present: Mr. Cushman B. Bissell, Mr. Earl M. Hughes, Mr. Park Livingston, Mr. Vernon L. Nickell, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, and Mr. Kenney E. Williamson. Mr. Wirt Herrick, Mrs. Doris S. Holt, Mr. Wayne A. Johnston, and Governor William G. Stratton were absent.

Also present were President David D. Henry, Dean of Administration and Associate Provost Royden Dangerfield, Dr. H. E. Longenecker, 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. E. L. Stouffer, University Architect, Mr. Ambrose M. Richardson, Consulting Architect, Mr. James C. Colvin and Mr. William H. Rice, Administrative Assistants in the President's Office, Mr. Robert W. Evans, Assistant 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 meeting of the Board of Trustees on April 17, 1958, 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 1173 to 1233, 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, 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>
THOMAS JUNIOR BURNS	Carbondale, Illinois	Wisconsin
CARROLL WRIGHT CHEEK	Bowling Green, Ohio	Ohio
CHARLES CLOISE CRUMLEY	Park Ridge, Illinois	New York
WILLIAM DONALD FISCHER	Elmhurst, Illinois	Indiana
GEORGE GEORGIOU	Chicago, Illinois	Michigan
JAMES MILTON INGHAM	Webster Groves, Missouri	Missouri
MELVIN ELMER KERR	Aurora, Illinois	Iowa
A. O. LABERTEAUX	Muncie, Indiana	Indiana
ROBERT THEO LENHARDT	Alton, Illinois	Missouri
BERT REIVE	Detroit, Michigan	Michigan
SHELDON SEYMOUR SITRICK	Bettendorf, Iowa	Iowa
JAMES EDWIN STOLL	Chicago, Illinois	Indiana
KENNETH E. STUTLER	Lawrenceville, Illinois	Indiana
JOHN LOUIS VITALE	Western Springs, Illinois	Michigan
DAVID HERMAN ZIEGLER	Chicago, Illinois	District of Columbia

I concur.

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

APPOINTMENT TO BOARD OF EXAMINERS IN ACCOUNTANCY

(2) On nomination of the Committee on Accountancy, I recommend the appointment of Mr. Allen Carter Howard, C.P.A., 208 South LaSalle Street, Chicago, Resident Partner of the firm of Touche, Niven, Bailey, and Smart, Certified Public Accountants, to the Board of Examiners in Accountancy for three years beginning July 1, 1958, to replace Mr. Donald Jennings whose term will expire June 30, 1958.

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

ADVISORY COMMITTEES FOR COLLEGE OF AGRICULTURE

(3) 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, 1958, for three-year terms.

Agricultural Economics

L. L. COLVIS, Decatur (General Manager, Illinois Livestock Marketing Association)

I. FRANK GREEN, Peoria (Vice-President, Commercial National Bank)

Agricultural Engineering

A. D. ODERKIRK, DeKalb (Babson Farms, Inc.)

Agronomy

WILLARD COOK, Route 1, DeKalb
A. G. SIEBEN, Geneseo (Sieben
Hybrids)

Animal Science

HENRY A. SIMMS, Albion
HAROLD STEELE, Princeton

Dairy Science

RALPH L. NICHOLS, Hebron

Forestry

ALBERT C. FOLEY, Paris (President,
T. A. Foley Lumber Company)

*Horticulture (Vegetables, Fruits,
Ornamentals)*

LOUIS RATZESBERGER, JR., Hoopeston
(The Illinois Canning Company)

Horticulture (Floriculture)

GEORGE K. BALL, West Chicago (Pres-
ident, George J. Ball Company)

I concur.

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

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. MAUD A. ADAMS, Assistant Professor in the School of Nursing, beginning July 1, 1958, at an annual salary of \$7,000 (BY).
2. CARL J. ALTSTETTER, Assistant Professor of Metallurgical Engineering, beginning September 1, 1958, at an annual salary of \$6,200 (B).
3. WILLIAM W. BOONE, Associate Professor of Mathematics, beginning September 1, 1958, at an annual salary of \$8,500 (D).
4. HARRY P. BROQUIST, Associate Professor of Biological Chemistry in the Department of Dairy Science, beginning September 1, 1958, at an annual salary of \$11,000 (DY).
5. LAWRENCE CALCAGNO, Professor of Art, beginning September 16, 1958, at an annual salary of \$8,400 (E).
6. RAYMOND A. DAVIDSON, Assistant Professor of Electrical Engineering, beginning September 1, 1958, at an annual salary of \$7,000 (D).
7. GLENN W. FISHER, Research Assistant Professor in the Institute of Government and Public Affairs, beginning September 1, 1958, at an annual salary of \$8,000 (DY).
8. OM PRAKASH GUPTA, Assistant Professor of Applied Materia Medica and Therapeutics, in the College of Dentistry, beginning September 1, 1958, at an annual salary of \$8,000 (DY).
9. LESTER L. HELMS, Assistant Professor of Mathematics, beginning September 1, 1958, at an annual salary of \$6,500 (B).
10. ARTHUR L. HOOKER, Assistant Professor of Plant Pathology and of Agronomy, beginning September 1, 1958, at an annual salary of \$8,200 (S-BY80; C-BY20).
11. IVAR JOHANSSON, George A. Miller Visiting Professor in the Department of Dairy Science, beginning September 1, 1958, at an annual salary of \$8,500 (D).
12. LUIS M. H. LARRAMENDI, Assistant Professor of Anatomy, beginning September 1, 1958, at an annual salary of \$7,800 (BY).
13. HARRY J. LIPKIN, Visiting Associate Professor of Physics, beginning September 16, 1958, at an annual salary of \$9,000 (E).
14. WILLIAM H. MCBURNEY, Assistant Professor of English, beginning September 1, 1958, at an annual salary of \$6,300 (B).
15. ROBERT W. NICKLE, Assistant Professor of Architecture and Art, in the Chicago Undergraduate Division, beginning September 1, 1958, at an annual salary of \$6,500 (B).
16. ROBERT ORNSTEIN, Assistant Professor of English, beginning September 1, 1958, at an annual salary of \$6,500 (B).
17. CHARLES W. MCELROY PRATT, Visiting Associate Professor of Anatomy, in the College of Medicine, beginning September 1, 1958, at an annual salary of \$11,000 (DY).
18. FRANCIS P. PURCELL, Consultant with rank of Associate Professor in the School of Social Work, beginning September 1, 1958, at an annual salary of \$8,550 (DY).
19. J. AUSTIN RANNEY, Associate Dean of the Graduate College and Associate

- Professor of Political Science, beginning September 1, 1958, at an annual salary of \$10,400 (BY59; AY41).
20. BENJAMIN A. RASMUSEN, Associate Professor of Animal Genetics in the Department of Animal Science, beginning September 1, 1958, at an annual salary of \$10,300 (AY).
 21. ANTHONY J. SCHMIDT, Assistant Professor of Anatomy, in the College of Medicine, beginning September 1, 1958, at an annual salary of \$7,510 (BY).
 22. ENRIQUE SCHWARZ, Assistant Professor of Radiology, in the College of Medicine, beginning June 16, 1958, at an annual salary of \$11,900 (DY).
 23. JOSEPH A. TIHEN, Assistant Professor of Zoology, beginning September 1, 1958, at an annual salary of \$5,800 (D).
 24. LUCIEN W. WHITE, Associate Director for Public Service Departments in the Library, and Professor of Library Science, beginning September 1, 1958, at an annual salary of \$12,000 (BY).
 25. ROBERT W. WHITENER, Assistant Professor of Mental Hygiene and Psychiatrist in the Health Service, beginning July 1, 1958, at an annual salary of \$12,000 (DY).

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

DEAN OF LIBRARY ADMINISTRATION

(5) I recommend that the position of "Dean of Library Administration" be created to replace the present position of Director of the Library, and the appointment of the present Director, Robert B. Downs, as Professor of Library Science on indefinite tenure, and Dean of Library Administration and Director of the Library School for one year from September 1, 1958, at a salary of \$18,000 on "Y" basis.

The change in title to an administrative deanship is in recognition of the all-University responsibilities of the office and the increase in those responsibilities in recent years. The head of the University library system is in charge of not only the main Library at Urbana-Champaign but all departmental libraries and the libraries at the Chicago Professional Colleges and at the Chicago Undergraduate Division.

It should be noted that this action does not affect the title of the Director of the Library School, a separate position which, at Illinois, has traditionally been held by the University Librarian.

On motion of Mr. Nickell, this recommendation and appointment were approved.

SABBATICAL LEAVES OF ABSENCE

(6) I recommend that the following members of the staff be given sabbatical leaves of absence during the academic year 1958-59, in accordance with the University of Illinois Statutes and for the period indicated in each case:

DANIEL CURLEY, Assistant Professor of English, first semester (September 1, 1958-February 28, 1959), on one-half pay; second semester (March 1-August 31, 1959), without pay; with the option of changing to leave without pay the first semester, and leave on one-half pay the second semester.

RAYMOND P. STEARNS, Professor of History, second semester, full pay.

As a general rule, recommendations for leaves of absence for an ensuing year are presented to the Board of Trustees the preceding March or April, so that all of them may be considered at one time. In the two cases here recommended, the circumstances justify consideration at this late date.

Professor Curley has recently been awarded a Guggenheim Fellowship which makes it possible for him to be absent from the University for a full year. He did not apply for leave with pay at the time other applications for sabbatical leaves were submitted because he had not been notified of the Guggenheim Fellowship. He plans to spend the year in writing and experimenting with narrative techniques.

Professor Stearns has recently received an invitation to lecture in history at the University of Ghent in Belgium on a Fulbright Grant which will cover his personal travel expenses and provide some maintenance funds. He did not apply for this, and the invitation has come as a surprise. It is a distinct honor for him and to the University that he was invited directly and that he was proposed for this appointment by the American Historical Association.

In both cases the Departments have given assurance that no additional expense to the University will be involved.

It should be noted that four of the sabbatical leaves of absence approved in March have since been cancelled, without prejudice, at the request of the recipients because of changes in personal or departmental plans.

On motion of Mrs. Watkins, these leaves were granted, as recommended.

FEE FOR FLIGHT INSTRUCTION

(7) The Director of the Institute of Aviation, the Committee on Fees, and the Vice-President and Comptroller recommend that the fee for flight instruction be increased from \$275 to \$300 a course beginning with the summer session of 1959. This increase is necessary because of the rising cost of aircraft operation and replacement of equipment.

I concur.

On motion of Mr. Williamson, this fee was authorized.

APPROPRIATION FOR TRANSFORMER IN MUMFORD HALL

(8) Installation of an additional transformer in Mumford Hall for which an assignment of \$23,000 was made by the Board of Trustees has been completed and there remains an unexpended balance of approximately \$7,500. The estimate was made before engineering details had been completed. Some of the job difficulties anticipated did not materialize, and this plus economies in the purchase of the switchboard and transformers resulted in savings.

The next phase in the modernization of electrical facilities in this building is replacement of two existing obsolete single-phase lighting risers in panelboards with new three-phase risers, at an estimated cost of \$8,800 which can be paid for from the balance in the existing appropriation plus funds in the operation and maintenance appropriation of the Physical Plant Department.

The Director of the Physical Plant and the Vice-President and Comptroller request authorization of the use of the balance of the appropriation for the transformer for the additional work described.

I concur.

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

APPRAISAL OF UNIVERSITY BUILDINGS

(9) University policy provides that insurable values of University properties insured subject to co-insurance shall be determined through a computation by the Physical Plant Department, and that the feasibility of continuation of co-insurance shall be determined by outside appraisal. The policy also provides for outside appraisals of buildings when such evaluation is believed desirable.

The University insures only income-producing properties. Fire and extended coverage insurance is carried with the 80 per cent co-insurance clause to obtain lower rates. Consequently, it is important to have accurate evaluations to be sure that the University's coverage is adequate to prevent a loss through underevaluation. The only evaluations accepted without question by insurance companies in the event of an insured loss are those certified by a professional appraisal company.

The Supervisor of Insurance requested bids from Marshall and Stevens, Inc., Chicago, and the Lloyd-Thomas Company, Chicago, on appraisals of the following properties: Allerton elevator buildings, Allerton Four-H Camp, Busey Hall, Evans Hall, Green Street Apartments, Illini Union Building, Lincoln Avenue Residence, Allen Hall, Men's Residence Halls, and Student-Staff Apartments.

The bid of \$8,100 from Marshall and Stevens, Inc., is the lower bid. The survey proposed by the Lloyd-Thomas Company would be more comprehensive but the proposal of Marshall and Stevens, Inc., will serve the purpose.

The Vice-President and Comptroller recommends the employment of Marshall and Stevens, Inc., for this survey at a fee of \$8,100, the cost to be paid from the income from the operations in the buildings, and the funds are available. Consideration will be given to a similar survey in Chicago, and if one is necessary a recommendation will be submitted to the Board.

I concur.

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

CONTRACTS FOR REMOVAL OF HOUSES

(10) The Committee on Buildings and Grounds has approved the removal or demolition of buildings on land purchased by the University within the last two years as future sites for residence halls and other buildings. The Physical Plant Department has secured bids and proposals for the removal of seven houses and recommends that they be disposed of as follows, the contract in each case being awarded to the best bidder:

1005 West Green Street, Urbana

To be sold to Cook and Wiese, Danville, for \$55.00.

1002 West Illinois Street, Urbana

1102 West Green Street, Urbana

610 East John Street, Champaign

The University to pay ABC Wrecking Company, Chicago, a total of \$450 for removal of these houses: \$250 for the removal of the house at 1002 West Illinois Street, \$150 for removal of the house at 1102 West Green Street, and \$50.00 for the removal of the house at 610 East John Street.

1010 West Green Street, Urbana

1012 West Green Street, Urbana

ABC Wrecking Company to remove these for salvage without cost to the University.

The Warm Air Research Residence at 54-56 Gregory Drive will also need to be removed to provide a site for the new University Press Building. The Research Residence was constructed for the University by the National Warm Air Heating and Air Conditioning Association which is constructing a new research residence building for the University in another area. Since the building to be removed belongs to the Association, the Director of the Physical Plant and the Vice-President and Comptroller recommend that the Association be permitted to enter into a contract with Mrs. Lorraine Davis, Urbana, who submitted a proposal for the building and its removal at \$2,043.32. The Committee on Buildings and Grounds has previously approved the removal of this building with the understanding that the proceeds of the sale would go to the Association.

I concur in these recommendations. A schedule of the bids received is attached.

On motion of Mr. Williamson, these recommendations were approved by the following vote: Aye, Mr. Bissell, Mr. Hughes, Mr. Livingston, Mr. Nickell, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Stratton.

CONTRACT FOR EXTENSION OF STEAM SERVICE TO UNIVERSITY PRESS BUILDING

(11) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$14,888 to the Ideal Heating Company, Chicago, the lowest bidder, for the construction of an underground conduit steam line from the main utilities distribution system tunnel on Gregory Drive to the new University Press Building.

This does not include the installation of certain valves, condensate return pumps, and other accessory equipment within the building at the point of entrance of the steam line. An alternate bid on this phase of the work was received, but since it is out of line with engineering estimates of costs, it is recommended that this alternate not be accepted. Brown, Manthei, Davis, and Mullins, the engineers for this project, will check with Ideal Heating Company to determine if an error was made in the estimation of this alternate and if a lower quotation can be secured. Accordingly, authority is requested to issue a change order for this alternate at a later date in whatever amount seems justified, upon recommendation of the Vice-President and Comptroller and with the approval of the President of the University.

Funds are available in the renewal and replacement budget of the Physical Plant Department.

I concur.

On motion of Mrs. Watkins, this contract was awarded by the

following vote: Aye, Mr. Bissell, Mr. Hughes, Mr. Livingston, Mr. Nickell, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Stratton.

**CONTRACT FOR LANDSCAPING OF MEN'S
RESIDENCE HALLS AREA**

(12) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$24,800 to Wandell's Twin City Nursery and Landscape Service, Urbana, the lowest bidder, for the landscaping of the areas of the three new units of the Men's Residence Halls now being completed on the former Parade Grounds.

Funds are available in the construction account for these buildings.

I concur.

On motion of Mr. Swain, this contract was awarded by the following vote: Aye, Mr. Bissell, Mr. Hughes, Mr. Livingston, Mr. Nickell, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Stratton.

CONTRACT FOR REROOFING TALBOT LABORATORY

(13) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$9,354 to Petry Roofing and Sheet Metal Company, Champaign, the lowest bidder, for reroofing the Arthur Newell Talbot Laboratory.

Funds are available in the operation and maintenance budget of the Physical Plant Department.

I concur.

On motion of Mr. Bissell, this contract was awarded by the following vote: Aye, Mr. Bissell, Mr. Hughes, Mr. Livingston, Mr. Nickell, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Stratton.

IMPROVEMENTS IN ICE RINK

(14) The Safety and Fire Prevention Committee has recommended certain improvements in the Ice Rink, the most important being replacement of the ammonia-operated compressor motors and auxiliary equipment. This is the original equipment, installed in 1931, and while it has been well maintained, the machinery is now obsolete, it is beyond further overhauling, and it is considered unsafe by the Safety and Fire Prevention Committee. It is recommended that new Freon machinery be installed.

Other maintenance work needs to be done at the Ice Rink, as recommended by the Safety and Fire Prevention Committee, for example, installation of panic hardware.

The total estimated cost of the minimum improvements necessary is \$75,000. The Athletic Association is financially able to finance this work on a temporary basis but is unable to make a permanent commitment of funds. The Board of Directors of the Athletic Association has allocated this amount so that the work may be completed by the fall of 1958, with the understanding that the University will later reimburse the Association from capital appropriations for remodeling and rehabilitation of buildings.

I recommend approval of this program and that the assignment of funds made by the Board of Directors be confirmed.

On motion of Mrs. Watkins, this recommendation was approved.

**ADDITION TO CONTRACT FOR CONSTRUCTION
OF LIBRARY ADDITION**

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$3,138.69 in the contract with Johnson, Drake, and Piper, Incorporated, for the construction of the sixth addition to the University Library to provide for four-inch valves in the heating and ventilating installations

instead of two-inch valves. The specifications for this project indicated simply that safety valves be installed but did not specify the size. The contractor's bidding estimates were based upon the installation of two-inch valves which were considered adequate. The Safety and Fire Prevention Committee has recommended that the installation of the larger valves is desirable and is justified from the standpoint of complete safety. The architects and the Physical Plant Department agree and advise that the contractor should not be called upon to provide the larger valves without additional compensation. His estimates have been checked and found reasonable.

I concur.

On motion of Mr. Swain, the Comptroller was authorized to execute this change in the contract.

ADDITION TO CONTRACT FOR INSTALLATION OF PIPING SYSTEM

(16) The Director of the Physical Plant and Vice-President and Comptroller recommend an increase of \$3,857.11 in the contract with Gallaher and Speck, Incorporated, to revise the installation of circulating water piping for the cooling tower in the addition to Abbott Power Plant. These changes will result in savings in excess of \$8,000 in other phases of the cooling tower work.

I concur.

On motion of Mr. Williamson, the Comptroller was authorized to execute this change in the contract.

ADDITION TO CONTRACT WITH IDEAL HEATING COMPANY FOR PIPING IN UTILITIES DISTRIBUTION SYSTEM

(17) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$5,413 in the contract with the Ideal Heating Company, Chicago, for furnishing and installing of piping in the extension of the utilities distribution system in the area west of First Street and south of Gregory Drive, Champaign.

The original contract for \$183,333 was approved by the Board on August 8, 1957. Previous minor additions have increased this to \$184,572.75. The increase now proposed is to provide for piping for steam service from a loop vault in the utilities distribution system to the new Men's Residence Halls in the Parade Ground area.

Providing the take-off steam service connection to the Residence Halls as a part of the original tunnel and piping work now under contract will result in a better installation, without interruption of service or damage to previously completed work, and at less cost than a service connection installed by separate contract later.

I concur.

On motion of Mrs. Watkins, the Comptroller was authorized to execute this change in the contract.

EXPANSION OF MEDICAL CENTER STEAM COMPANY PLANT

(18) The Board of Trustees approved a contract with Presbyterian-St. Luke's Hospital for steam service from the Medical Center Steam Company plant to the Hospital which requires the addition of a fourth boiler unit to the plant to provide the necessary increase in its capacity. The construction is being done by Stone and Webster Engineering Corporation under a contract between the latter and the Medical Center Steam Company, also authorized by the University.

Before long a fifth boiler unit will be needed to provide steam capacity to serve new University buildings at the Chicago Professional Colleges. The shell of the addition to the steam plant, now under construction, to house a fifth boiler can be enlarged at an additional cost of \$370,000 which would result in a saving of at least \$40,000 compared with the cost of the same addition to the plant building later. The estimated cost of a fifth boiler, if constructed and installed concurrently with the fourth boiler, is \$840,000, an estimated saving of \$220,000, plus any savings as a result of potential price increases, compared with the cost of constructing and installing the boiler later. It was estimated that this reduction in capital costs will also result in savings on principal and interest payments of

approximately \$135,000 over the period of financing the Medical Center Steam Company plant.

The increase of \$370,000 for the construction of the larger addition to the building will require an increase of \$32,000 a year in the Physical Plant Department budget, beginning with the biennium 1959-61, for payment of the increase in debt service in financing this construction; the increase in debt service resulting from the construction and installation of the fifth boiler unit will not go into effect until 1961.

The Director of the Physical Plant, the Vice-President in charge of the Chicago Professional Colleges, and the Vice-President and Comptroller recommend that the Board of Trustees authorize an increase of \$1,210,000 for the construction of the addition to the plant building and for the construction and installation of a fifth boiler in the contract between the Medical Center Steam Company and Stone and Webster Engineering Corporation.

I concur.

On motion of Mr. Swain, this recommendation was approved by the following vote: Aye, Mr. Bissell, Mr. Hughes, Mr. Livingston, Mr. Nickell, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Stratton.

EASEMENT FOR PRESBYTERIAN-ST. LUKE'S HOSPITAL STEAM TUNNEL

(19) As a supplement to the contract with Presbyterian-St. Luke's Hospital for steam service from the Medical Center System Company plant, it is necessary to grant the Hospital an easement for the construction of the steam tunnel, since this is related to the University's interest in land. Accordingly the following Resolution is offered:

Resolution

Be it and it is hereby, resolved by the Board of Trustess of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and the Secretary of the Board of Trustees be, and they hereby are, authorized to execute and deliver in the name and on behalf of this corporation an agreement for easement, together with such other document or documents as to them may appear necessary and desirable, for the purpose of granting the right, easement, permission and authority to Presbyterian-St. Luke's Hospital and the Medical Center Steam Company to enter upon University property in Chicago, Illinois, bounded on the west by South Wood Street, on the north by West Polk Street, and on the east by South Hermitage Avenue; to construct thereon a steam tunnel extending from the existing valve chamber on South Wood Street approximately 150 feet south of West Polk Street, to a connection with an existing steam distribution tunnel on South Hermitage Avenue just south of the intersection of South Hermitage Avenue and West Polk Street, and related facilities and appurtenances; and to use, operate, maintain, renew and remove said tunnel, facilities and appurtenances; together with the right of ingress to and egress from said land at all times for any and all such purposes; said Presbyterian-St. Luke's Hospital and Medical Center Steam Company to agree to restore as nearly as possible to its original condition any and all University property damaged or disturbed by such construction, use, operation, maintenance, renewal and removal; and said Presbyterian-St. Luke's Hospital and Medical Center Steam Company to agree to indemnify this corporation against loss in any way arising out of this project; for so long as used for said purposes, and until this corporation acquires title and ownership of the property and facilities of Medical Center Steam Company; in consideration of One Dollar and other good and valuable consideration.

On motion of Mrs. Watkins, the foregoing resolution was adopted by the following vote: Aye, Mr. Bissell, Mr. Hughes, Mr. Livingston, Mr. Nickell, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Stratton.

EXPANSION OF STEAM DISTRIBUTION SYSTEM IN CHICAGO

(20) The Board of Trustees approved a contract to supply steam service to the National Society for Crippled Children and Adults in the Medical Center District

in Chicago. A steam distribution and condensate return system to carry 30,000 pounds an hour maximum capacity is being built from the corner of Wolcott and Polk Streets to the corner of Damen and Polk Streets, at an estimated cost of \$95,000.

The construction is being done under a reimbursable cost contract between the Pioneer Service and Engineering Company and the Medical Center Steam Company, which contract was authorized by the University.

The Chicago Medical School authorities wish to negotiate for steam service to buildings which the School is planning to build in the Medical Center District in 1960 and 1962. The buildings will be in a location where they could be served by the distribution system now under construction. The maximum steam requirement requested by the Chicago Medical School is 30,000 pounds an hour.

The cost of the distribution system now under construction is being shared by the University and the National Society for Crippled Children and Adults, with the University paying approximately \$90,000 of the cost. The Pioneer Service and Engineering Company estimates that an increase in the capacity of the line now under construction to provide for maximum demand of 60,000 pounds would add only \$15,000 to the cost at this time.

Increasing the capacity of the distribution system while it is under construction would result in material savings in the ultimate cost. The additional cost would be more than recovered since the University's share of the cost of the line, now approximately \$90,000, would be reduced to approximately \$52,000 by payments from the Chicago Medical School, if negotiations with that institution result in a contract for steam service. Accordingly, the Director of the Physical Plant, the Vice-President in charge of the Chicago Professional Colleges, and the Vice-President and Comptroller recommend that:

1. University officers be authorized to negotiate with the Chicago Medical School to furnish steam to its buildings on the same terms and policies as contracts with other consumers. This would be consistent with the policy of the Board of Trustees in the operation of the Medical Center Steam Company to furnish steam to any governmental agency, educational institution or charitable organization, or any other institution in the Medical Center District upon application and upon certification by the Medical Center Commission that the agency or institution is a qualified applicant for steam service, subject to availability of an adequate supply of steam.

2. The Board authorize an addition to the Medical Center Steam Company's contract with the Pioneer Service and Engineering Company for an increase in the capacity of the line from 30,000 pounds an hour maximum demand to 60,000 pounds an hour maximum demand at an estimated increase in cost of \$15,000.

No additional assignment of funds is needed, as the amortization of the added investment in the system can be provided from funds in the Physical Plant Department budget.

I concur.

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

STEAM SERVICE TO THE CHICAGO FOUNDLINGS HOME

(21) The Chicago Foundlings Home, which will in the near future begin construction of a new building in the Medical Center District, has requested the University to supply steam service to that building. The steam required by the Home will not exceed 5,000 pounds an hour. If other recommendations being made separately for the expansion of the steam plant facilities are approved, the steam required by the Chicago Foundlings Home can be supplied.

In keeping with University policy in the operation of the Medical Center Steam Company of supplying steam to qualified users in the Medical Center District, if the steam plant has the capacity to do so, the Director of the Physical Plant, the Vice-President in charge of the Chicago Professional Colleges, and the Vice-President and Comptroller recommend authorization of negotiations with the Chicago Foundlings Home to supply the steam as requested on the same terms and conditions as in contracts with other consumers.

I concur.

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

CHANGE IN CONTRACT FOR ARCHITECTURAL SERVICES

(22) The University has a contract with Ambrose M. Richardson of Ambrose M. Richardson and Associates, Champaign, for architectural consultant and design services for one year from August 1, 1957, with a maximum cost of \$48,500. The scope of work on which these services have been needed has changed. The Director of the Physical Plant and the Vice-President and Comptroller recommend that the maximum cost be increased to \$51,000 with the following adjustments in allocations:

	<i>Original Amount</i>	<i>Revised Amount</i>
Men's Residence Halls, Stage 4.....	\$21 000	\$ 8 000
Women's Residence Hall.....	13 000	13 000
Continuing Services on Housing Projects and Fine Arts Building.....	1 500	3 000
Campus Plan Studies and Consultative Services..	13 000	27 000
<i>Total.....</i>	<i>\$48 500</i>	<i>\$51 000</i>

The Director of the Physical Plant and Vice-President and Comptroller further recommend a new contract for continuation of these services (the name of Mr. Richardson's firm is now Richardson, Severns, and Associates) for the fiscal year 1958-59 for the following:

1. Continuation of Urbana campus plan studies.....	\$10 000
2. Preparation of a campus plan study for the Chicago Professional Colleges.....	16 000
3. Completion of design work on Single Men's Housing Project No. 3.....	\$ 2 000
Single Women's Housing Project No. 2.....	2 000
Fine and Applied Arts Building and Krannert Art Museum.....	2 000
4. New design projects Single Women's Housing Project No. 3.....	13 000
Single Men's Housing Project No. 4.....	17 000
5. Design consultation on other projects as requested.....	30 000
<i>Total Estimate for the Year.....</i>	<i>\$65 000</i>

Items 1 and 2 can be financed from current appropriations for architectural studies. Funds are available in the construction contracts for services chargeable to the Fine and Applied Arts Building and the Krannert Art Museum. The remainder of Items 3 and 4 can be financed through temporary assignments of University funds which will be reimbursed when funds are borrowed for the construction work. Work under Item 5 will be activated by recommendations to and approval by the Comptroller.

Payments on this contract will be made monthly for labor at cost (A. M. Richardson at \$10.00 an hour, John Severns at \$5.00 an hour, and draftsmen at \$3.00 an hour), plus 75 per cent commission; other items such as materials for models, travel expenses, reproduction of drawings above two copies of each, and miscellaneous expenses on actual cost basis.

All buildings under this contract will be audited by the Business Office.

I concur.

On motion of Mrs. Watkins, this contract was authorized by the following vote: Aye, Mr. Bissell, Mr. Hughes, Mr. Livingston, Mr. Nickell, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Stratton.

ESTATE OF LAVERNE NOYES

(23) The Board of Trustees authorized an agreement with the other college and university beneficiaries of the Estate of LaVerne Noyes whereby administrative trustees were appointed for the purpose of developing and carrying out a program for the retention, distribution, or liquidation of stock in the Aermotor Corporation, the principal assets of this Estate.

Based on the Corporation's record of earnings for the past several years, the administrative trustees concluded that the best interests of the beneficiary institutions would be served by disposing of the Aermotor shares. This sale was consummated on June 3, 1958. Immediately prior to this transaction, securities held in the investment portfolio of the Aermotor Corporation were transferred to the Trustees as a dividend, and assets in a separate Trust Estate were released to its Trustees by the purchase of annuity contracts for the beneficiaries of that Trust. All securities thus received were sold, thereby converting the Trust Estate to an all cash position.

The total proceeds of these transactions were deposited with the Northern Trust Company and, with the exception of approximately \$5,000 retained to pay for further expenses including an audit report, have now been distributed to the beneficiary institutions in the proportion that those institutions participated in the original Trust created by the will of Mr. Noyes. The amount received by the University of Illinois is \$220,131.33 which will be invested as an endowment and the income used for the purposes of the original gift.

The receipt of this sum, plus a small additional amount that may be received in the future, completes the liquidation of the University's interest in this Trust Estate.

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. In each case the purchase was recommended on the basis of the lowest bid.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
68 sink base cabinets	Housing	Thompson Lumber Co., Champaign	\$6 998 00
55 base cabinets			f.o.b.
68 formica counter tops (For conversion of Arbor Suites to apartments)			delivered
One Varian model V-4004 four-inch laboratory electromagnet with one pair tapered pole caps, one pair cylindrical caps, one V-2300A power supply, and one V-2301A current regulator	Physics	Varian Associates, Palo Alto, Calif.	4 275 00 f.o.b. Palo Alto, Calif.
Labor and equipment to unload approximately 1,233 tons of iron plate from railroad cars and move to location and stack on south side of Physics Research Laboratory	Physics	Don McCabe Co., Champaign	5 548 50
Lead coated copper sheets as follows: 170 36 in. by 96 in., 20 oz. 12 24 in. by 96 in., 20 oz. 120 24 in. by 96 in., 16 oz. 5 36 in. by 36 in., 16 oz.	Physical Plant	Industrial Metals, Inc., St. Louis, Mo.	4 524 72 f.o.b. delivered
Replacement parts for General Precision Laboratory image orthicon camera	Television-Motion Pictures	National Theatre Supply Co., Chicago	2 743 93 f.o.b. Pleasantville, N.Y.

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 bid.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
70,000 (approximately) answer sheets of statewide testing program to be scored	Bureau of Educational Research	Measurement Research Center, Inc., Iowa City, Iowa	\$8 400 00 f.o.b. Iowa City, Iowa

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Laboratory chemicals (321 items) to be used as stock in the General Chemical Stores for the summer and fall terms 1958-59	General Chemical Stores	Mallinckrodt Chemical Works, St. Louis, Mo. General Chemical Co., Chicago Fisher Scientific Co., Chicago Rascher & Betzold Co., Chicago Schaar & Co., Chicago Merck & Co., St. Louis, Mo. J. T. Baker Chemical Co., Chicago Arthur S. LaPine & Co., Chicago Wilkens-Anderson Co., Chicago	\$7 229 92 3 011 47 1 959 06 1 572 72 1 534 86 1 277 52 818 49 444 18 93 38
(All prices include delivery)			
One lot laboratory glassware and assorted apparatus	General Chemical Stores	Chicago Apparatus Co., Chicago	18 356 34 f.o.b. delivered
96 drums of acetone, C.P., in 54 gallon drums to be delivered at the rate of eight drums per month ending in July, 1959	General Chemical Stores	Central Solvents & Chemicals Co., Chicago	4 147 20 f.o.b. delivered
One sample changer for automatic tri-carb liquid scintillation counter	Chemistry and Chemical Engineering	Packard Instrument Co., Inc., LaGrange	3 600 00 f.o.b.
One control unit for relay rack mounting	Chemistry and Chemical Engineering	Varian Associates, Palo Alto, Calif.	LaGrange 9 400 00 f.o.b. Palo Alto, Calif.
One field conversion accessory to convert V-4300-2 dual purpose spectrometer to V-4302 dual purpose spectrometer, including all parts and engineering services for conversion	Chemistry and Chemical Engineering	Varian Associates, Palo Alto, Calif.	9 400 00 f.o.b. Palo Alto, Calif.
One X-ray unit, industrial type, portable, 200 k.v.p., complete with control	Civil Engineering	Radiation Equipment Co., Chicago	4 570 00 f.o.b. Norristown, Pa.
One Varian model V-4004 four-inch laboratory electromagnet with two extra pairs of pole caps, one V-2300A power supply, and one V-2301A current regulator	Electrical Engineering	Varian Associates, Palo Alto, Calif.	4 395 00 f.o.b. Palo Alto, Calif.
Approximately 600 cases of Pyrex laboratory glassware to be used by the Chicago Colleges and Divisions in the year of 1958-59	Chicago Colleges and Divisions	Fisher Scientific Co., Chicago (100 cases) W. M. Welch Manufacturing Co., Chicago (100 cases) A. Daigger & Co., Chicago (100 cases) Rascher & Betzold Co., Chicago (100 cases) Arthur S. LaPine & Co., Chicago (100 cases) Central Scientific Co., Chicago (100 cases)	3 500 00 3 500 00 3 500 00 3 500 00 3 500 00 3 500 00
Eight microscopes each with accessories	Dermatology	W. H. Kessel & Co., Chicago	2 952 00 f.o.b. delivered
Refrigerated centrifuge and accessories	Medicine, Surgery	A. S. Aloe & Co., Chicago	2 608 00 f.o.b. delivered
Ten monocular laboratory microscopes, less trade-in allowance on one used microscope	Medicine, Microbiology	American Hospital Supply Corp., Evanston	2 594 50 delivered
22,000 special enfold patient chart folders (numbered)	Medical Records, Research and Educational Hospitals	Diebold, Inc., Chicago	6 648 20 f.o.b. delivered
2,000 special enfold patient chart folders (unnumbered)			
10,000 admission divider sheets			
12 microscopes metallurgical complete with 5x, 10x, and 40x achromatic objectives, 5x, 10x, and 15x compensating eyepieces, vertical illumination, and cabinet	Mining and Metallurgical Engineering	Unitron Instrument Division, United Scientific Co., Boston, Mass.	2 775 60 f.o.b. Boston, Mass.
One Varian model V-4012A electromagnet with 12 in. diameter poles and 2.84 in. air gap, and one model V-2100B magnet power supply	Physics	Varian Associates, Palo Alto, Calif.	14 925 00 f.o.b. Palo Alto, Calif.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Two vidicon, field camera chains and related equipment	Television-Motion Pictures	Radio Corp. of America, Chicago	\$22 087 35 f.o.b. Camden, N.J.
One 6.5 cubic foot sub-zero freezer, 220-volt 60-cycle	Veterinary Medicine	E. H. Sargent & Co., Chicago	2 598 00 f.o.b. delivered
73 16 mm. films	Audio-Visual Aids Service	Encyclopaedia Britannica Films, Inc., Wilmette	7 815 00 f.o.b. Wilmette
41 16 mm. films	Audio-Visual Aids Service	Mid America Films, Lyons, Wis.	3 595 00 f.o.b. shipping point
38 16 mm. films	Audio-Visual Aids Service	United World Films, Inc., New York, N.Y.	3 316 77 f.o.b. New York, N.Y.
122 16 mm. films	Audio-Visual Aids Service	Coronet Films, Chicago	9 658 75 f.o.b. destination
78 16 mm. films	Audio-Visual Aids Service	Text-Film Department, McGraw-Hill Book Co., Inc., New York, N.Y.	8 367 50 f.o.b. New York, N.Y.
1,200 tons pea size coke to be delivered to the various housing units during the year ending June 30, 1959	Housing	Mooney Coal Co., Urbana	29 280 00
160 desk, floor, and table lamps and shades (for Men's Residence Halls)	Housing	L. B. Herbst Corp., Chicago	3 668 40 f.o.b. delivered
750 64 in. by 90 in. blankets, 90 per cent wool, 10 per cent nylon	Housing, Women's Residence Halls	Karoll's, Inc., Chicago	2 992 50 f.o.b. delivered
Plates, sauce dishes, grapefruit nappies, cups and saucers in Cardinal line pattern, Syracuse china	Housing	E. A. Hinrichs & Co., Chicago	3 188 50 f.o.b. Urbana
Rugs and pads for public areas and apartments in Men's Residence Halls	Housing	Mandel Brothers, Inc., Chicago	5 126 94 f.o.b. delivered and installed
Stainless steel griddle stand, refrigeration unit, sandwich unit and compressor, and drink dispenser	Illini Union	L. B. Herbst Corp., Chicago	4 357 15 f.o.b. Urbana
250 cases toilet tissue	Physical Plant	Shorr Paper Products, Inc., Aurora	3 549 07 f.o.b. delivered
400 cases paper towels	Physical Plant	Courtesy Motor Sales, Inc., Chicago (Ford)	4 471 55
Six four-door sedans	State Natural History Survey	Seven four-door sedans	
One four-door sedan with power brakes and power steering		Litsinger Motor Co., Chicago (Ford)	1 957 00
One four-door, six-passenger station wagon		One six-passenger station wagon	
Less trade-in allowance for seven four-door sedans in the present University fleet. The four-door station wagon is an addition to the fleet.			
Ten four-door sedans	Physical Plant	Lawder Bros., Inc., Chicago (Ford)	7 325 85
Three station wagons, four-door, eight-passenger	Animal Science	Nine four-door sedans	
One pickup truck, one-half ton	Veterinary Medicine	Kap Chevrolet Co., Monticello	3 104 61
One panel truck, one-half ton		Three station wagons	
One truck cab and chassis, 41,000 lb. g.v.w.		University Ford Sales, Champaign	1 285 00
Less allowance for ten four-door sedans, three station wagons, and one pickup truck, now in the University fleet. The panel truck and truck cab and chassis are additions to the fleet.		One four-door sedan	
		Litsinger Motor Co., Chicago (Ford)	1 370 00
		One pickup truck	
		Courtesy Motor Sales, Inc., Chicago (Ford)	1 883 00
		One panel truck	
		International Harvester Co., Springfield	7 642 71
		One truck cab and chassis	

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Refuse hauling equipment including hoist unit (to be mounted on truck cab and chassis furnished by the University), one 20-cubic yard container, and three 30-cubic yard containers	Physical Plant	Coleman & Associates, Rockford	\$13 793 50 f.o.b. Kalamazoo, Mich.
Fire, extended coverage, vandalism and malicious mischief insurance for five years, subject to 80 per cent co-insurance covering the Staff Apartment Building, 809 South Marshfield Avenue, Chicago, insurable value \$1,490,000, and contents, insurable value, \$90,000	Chicago Professional Colleges, Housing Division	Cogdal & Koehn, Urbana, representing the Freeport Insurance Co. Liberty Mutual Insurance Co., Chicago	2 136 38 1 049 54
One rotary table, two axes, with angular accuracies of better than one minute on both axes	Control Systems Laboratory	George Scheer Co., Inc., New York, N.Y.	6 735 00 f.o.b. delivered
5,184 pounds reagent grade anhydrous ether	General Chemical Stores	Mallinckrodt Chemical Works, St. Louis, Mo.	6 440 46 f.o.b. delivered
2,640 pounds reagent grade acetone			
4,320 pounds reagent grade chloroform			
4,500 pounds reagent grade methyl alcohol			
800 reams (54,800 pounds) enamel book paper	Office Supply Stores	Marquette Paper Corp., Chicago	10 069 50 f.o.b. delivered
One lot of equipment to adapt University of Illinois Simplex projectors to widescreen cinemascope and magoptical prints including screen, lenses, and plates	Physical Plant	National Theatre Supply Co., Chicago	4 226 70 f.o.b. delivered
One Simplex optical sound system			

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

COMPTROLLER'S REPORT OF CONTRACTS

(25) The Comptroller's report of contracts executed during the period June 1 to 30, 1958.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Board of Education, LaSalle-Peru High School and Junior College, District No. 120	School survey	\$ 5 500 00	May 26, 1958
California Spray-Chemical Corp.	Fungicides on diseases of apples and grapes	300 00	June 1, 1958
Massachusetts Institute of Technology	Collection of severe local storm data	5 000 00	May 1, 1958
Mayflower Warehousemen's Association	Determine what relationships exist between salesmen compensation plans used and the sale volume achieved	3 450 00	June 24, 1958
Village of Rantoul	Fiscal and control system of an incorporated village	4 000 00	June 4, 1958
United States Air Force AF 29(601)-1162	Confidential	50 000 00	May 8, 1958
United States Air Force AF 49(638)-420	Crystallography and morphology of martensites and of the properties of dislocations in crystals	91 858 00	April 16, 1958
United States Army DA-11-022-ORD-2772	Reactions of nitrogen II oxide	7 298 50	June 5, 1958
United States Army DA-49-007-MD-940	Conduct a correlated electrochemical and morphological study of epithelial surfaces of the oral cavity	3 725 00	May 1, 1958
United States Navy Nonr-1459(04)	Improve and develop a method of pulpotomy	12 000 00	May 12, 1958
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
State University of Iowa	Develop a rational method for the evaluation of stiffness parameters, damping coefficients, and equivalent masses for missile launching platforms	\$ 8 535 00	May 29, 1958

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Moorman Manufacturing Co.	Nutritional quality of pig starter rations	\$ 2 600 00	June 1, 1958
State of Illinois State Housing Board	Analysis of proposed planning programs for Illinois municipalities of less than 25,000 population	3 000 00	June 12, 1958
United States Air Force AF 18(600)-80	Physiological basis for various constituents in survival rations	4 200 00	June 12, 1958
United States Air Force AF 18(603)-22	Diffusion and phase changes in metals with internal friction techniques	21 805 00	April 4, 1958
United States Air Force AF 18(603)-106	Diffusion in metals	25 000 00	April 14, 1958
United States Air Force AF 29(601)-464	Analysis and design of domes, arches, and shells	49 961 00	April 29, 1958
United States Air Force AF 29(601)-468	Static and dynamic testing of deep structural elements	59 041 00	April 29, 1958
United States Army DA-11-022-ORD-874	Nucleophilic attack of aromatic rings by organometallic compounds	8 098 00	June 9, 1958
United States Army DA-11-022-ORD-992	Phenomenon of superconductivity	34 300 00	June 12, 1958
United States Army DA-11-022-ORD-1001	Conduction of electricity in solids	21 260 00	June 18, 1958
United States Army DA-49-077-MD-622	Enzymatic activity of salivary glands	9 455 00	May 1, 1958
United States Army DA-49-007-MD-728	Effects of irradiated foods included in a ration fed to dogs	26 679 00	May 16, 1958
United States Army DA-49-007-MD-794	Carcinogenicity of foods preserved by radiation	16 424 00	April 1, 1958
United States Atomic Energy Commission AT(11-1)-67 Project No. 17	Effects of intragastric irradiation with beta rays	2 687 00	June 19, 1958
United States Atomic Energy Commission AT(11-1)-182	Radiation damage to solid materials	165 910 00	May 21, 1958
United States Navy N6 ori-071-(30)	Solving problems by high-speed electronic computers	32 510 00	May 6, 1958
United States Navy Nonr-1834(19)	Dielectric and semiconducting solids	6 000 00	May 1, 1958
United States Navy Nonr-1834(22)	Design, construct, and operate equipment for the observation of the radio frequency spectra	200 000 00	March 1, 1958
United States Navy Nonr-2395 (00)	Tracking data on the earth-satellite orbit	1 000 00	May 19, 1958
Wyandotte Chemicals Corp., Air Force sub-contract, AF 33(616)-5053	Synthesis of liquids	6 000 00	May 27, 1958

Adjustments Made in 1957-58 Cost-Plus Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Thirty-one items; \$118.39 deduct to \$567.00	\$ 1 561 44	May and June, 1958

This report was received for record.

**REPORT OF EXECUTIVE COMMITTEE ON CONTRACT FOR
ENGINEERING SERVICES ON CONSTRUCTION
OF PARKING FACILITIES**

(26) Upon recommendation of the Director of the Physical Plant, the Vice-President and Comptroller, and the President of the University, the Executive Committee of the Board of Trustees has authorized a contract with Clark, Daily, and Dietz, Urbana, for engineering services in the preparation of plans and specifications for the new, permanent parking areas for faculty and staff, and parking compounds for storage of student automobiles, construction of which was previously authorized by the Board of Trustees. The amount of the contract was negotiated on a lump sum basis. The rates to be charged are in accordance with the schedule of recommended fees for engineering services adopted by the Illinois Society of Professional Engineers. The contract provides for percentages based

on varying volumes of work and takes into account work completed by the Physical Plant Department. The total fee will be about 3.84 per cent of the total construction cost but will not exceed \$15,000.

This report was received for record.

CONTRACT FOR CONSTRUCTION OF PARKING LOTS

(27) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$375,450 to the Champaign Asphalt Company, Champaign, the lowest bidder, for the construction of the following parking lots on the campus at Urbana-Champaign:

Burrill Avenue Improvements.....	\$ 57 000
This will include the widening of Burrill Avenue to a paved width of 60 feet between Green Street and Springfield Avenue, except for the bridge over the "Boneyard," and will provide right angle parking for 141 cars.	
Staff Parking Lots.....	98 700
This will include expansion and construction of new parking areas north of the Men's Old Gymnasium and on the west side of Romine Street (at the southeast area of Illinois Field); east of Davenport Hall; northwest of Bevier Hall—Home Economics; and north and south of George Huff Gymnasium. These areas will provide spaces for 353 cars.	
Student Parking Compounds.....	177 550
This will include the construction of two parking compounds for student cars each providing approximately 350 spaces. One will be west of First Street between Florida Avenue extended and St. Mary's Road; the other will be east of Goodwin Avenue extended and south of Florida Avenue.	
Lighting for above areas.....	41 300
<i>Total</i>	<u>\$375 450</u>

The University of Illinois Foundation will borrow the funds to finance these improvements. The University will finance the construction temporarily and upon completion of the improvements the University will sell the lots to the Foundation for \$440,000. The Foundation will borrow this amount from the First National Bank of Chicago for 3½ per cent interest per year with semi-annual maturities through 1964. The Foundation will lease the lots to the University for \$90,000 a year which will be sufficient to amortize principal and interest payments on the amount borrowed. University payments will be from the income from special fees charged student car owners and rental paid for staff for reserved parking spaces.

The First National Bank of Chicago previously agreed to a loan of \$400,000 to finance these improvements and the University of Illinois Foundation has approved the program. Preliminary negotiations with the bank indicate that the bank is willing to increase the loan to \$440,000. Formal resolutions relating to this financing will be drafted for adoption by the Board of Trustees at its meeting in September.

An assignment of funds to the Physical Plant Department will be required for the operation and maintenance of these parking areas and a recommendation on this will also be submitted to the Board later.

I recommend that the Board of Trustees approve these financial arrangements and the award of a contract to the Champaign Asphalt Company.

On motion of Mr. Hughes, this financing program was authorized, and the contract was awarded, as recommended, by the following vote: Aye, Mr. Bissell, Mr. Hughes, Mr. Livingston, Mr. Nickell, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Stratton.

NONSALARIED FACULTY OF THE COLLEGE OF MEDICINE, 1958-59

(28) I present the following list of appointments to the nonsalaried faculty of the College of Medicine for the academic year beginning September 1, 1958,

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, 1958, unless otherwise stated. New appointments are so indicated.

Summary

<i>Department</i>	<i>1957-58</i>	<i>1958-59</i>
Anatomy.....	5	5
Biological Chemistry.....	4	5
Clinical Science.....	4	5
Dermatology.....	24 (2)*	22 (2)
Medical Social Work.....	1	1
Medicine.....	236 (21)	270 (20)
Microbiology.....	3	2
Neurology and Neurological Surgery.....	9	12
Obstetrics and Gynecology.....	90 (3)	89 (3)
Ophthalmology.....	60 (2)	65 (2)
Orthopaedic Surgery.....	23 (2)	26 (1)
Otolaryngology.....	67 (6)	68 (6)
Pathology.....	35	33 (1)
Pediatrics.....	60 (4)	62 (5)
Pharmacology.....	3	4 (1)
Physical Medicine and Rehabilitation.....	3	3
Physiology.....	3	4
Preventive Medicine.....	2	3 (1)
Psychiatry.....	90 (4)	90 (4)
Public Health.....	6	6
Radiology.....	17	21
Surgery (including Urology and Anesthesiology).....	189 (11)	189 (13)
<i>Total</i>	934 (55)	985 (59)

Anatomy

GUSTAV ZECHEL, Clinical Associate Professor
 PHILIP CASELLA, Clinical Assistant Professor
 ARTHUR F. CIPOLLA, Clinical Assistant Professor
 LAWRENCE G. KHEDROO, Clinical Assistant Professor
 FRANK A. VICARI, Clinical Assistant Professor

Biological Chemistry

DOUGLAS A. MACFADYEN, Professor
 MAX K. HORWITT, Associate Professor
 SJOERD B. BONTING, Assistant Professor
 HOWARD H. SKY-PECK, Assistant Professor
 GORDON S. STEWART, Assistant Professor

Clinical Science

CARL A. JOHNSON, Assistant Professor
 TSUNG-MIN LIN, Assistant Professor
 KAO HWANG, Research Associate
 GEORGE E. PARK, Research Associate
 DANIEL S. STEVENS, Research Associate

Dermatology

MICHAEL EBERT, Clinical Professor (Rush), *Emeritus*
 JAMES H. MITCHELL, Clinical Professor (Rush), *Emeritus*
 LEONARD F. WEBER, Clinical Professor
 CLARK W. FINNERUD, Clinical Associate Professor (Rush)

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

IRENE NEUHAUSER, 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
 PAUL R. GRIFFITH, Clinical Assistant Professor
 JOHN B. HAEBERLIN, JR., Clinical Assistant Professor
 MILTON ROBIN, Clinical Assistant Professor
 LOUIS RUBIN, Clinical Assistant Professor
 FRANCIS W. HETREED, Clinical Associate
 STEFAN BIELINSKI, Clinical Instructor
 ALLEN S. PEARL, JR., Clinical Instructor
 HAROLD M. SPINKA, Clinical Instructor
 CORNELIUS A. VANDER LAAN, Clinical Instructor
 VICTOR WILLIAMS, Clinical Instructor
 BERNARD YAFFE, Clinical Instructor
 ROBERT H. HARDING, Clinical Assistant
 ROLAND S. MEDANSKY, Assistant (one year from July 1, 1958)¹

Medical Social Work

JOSEPHINE G. TAYLOR, Clinical Assistant Professor

Medicine

WALTER C. ALVAREZ, Lecturer with rank of Professor, *Emeritus*
 AARON ARKIN, Clinical Professor (Rush), *Emeritus*
 S. HOWARD ARMSTRONG, JR., Professor
 JAMES A. CAMPBELL, Professor
 JAMES B. EYERLY, Clinical Professor (Rush)
 MORRIS FISHBEIN, Lecturer with rank of Professor (Rush), *Emeritus*
 ELLIS B. FREILICH, Clinical Professor, *Emeritus*
 WILLIAM G. HIBBS, Clinical Professor (Rush), *Emeritus*
 WILLIAM S. HOFFMAN, Lecturer with rank of Professor
 ERNEST E. IRONS, Clinical Professor (Rush), *Emeritus*
 FRANK B. KELLY, Clinical Professor (Rush)
 HAROLD C. LUETH, Clinical Professor
 KARL H. PFUETZE, Clinical Professor
 WILBER E. POST, Clinical Professor (Rush), *Emeritus*
 BEN Z. RAPPAPORT, Clinical Professor
 LEROY H. SLOAN, Clinical Professor
 SIDNEY STRAUSS, Clinical Professor, *Emeritus*
 WILLIAM A. THOMAS, Clinical Professor (Rush), *Emeritus*
 ALBERT VANDERKLOOT, Clinical Professor
 MELVIN L. AFREMOW, Clinical Associate Professor
 LYLE A. BAKER, 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
 BENJAMIN GOLDBERG, Clinical Associate Professor, *Emeritus*
 JOHN S. GRAETTINGER, Associate Professor
 EARLE GRAY, Clinical Associate Professor (Rush)
 ALVA A. KNIGHT, Clinical Associate Professor (Rush), *Emeritus*
 ROBERT O. LEVITT, Clinical Associate Professor
 MEYER R. LICHTENSTEIN, Clinical Associate Professor
 CLAYTON J. LUNDY, Clinical Associate Professor (Rush)
 FRANK B. LUSK, Clinical Associate Professor, *Emeritus*

¹ Also Resident at Research and Educational Hospitals.

² Also Resident at Presbyterian-St. Luke's Hospital.

³ Also Resident at Illinois Eye and Ear Infirmary.

⁴ Also Resident at Research and Educational Hospitals assigned to Illinois Institute of Juvenile Research.

J. CHARLES McMILLAN, Jr., Clinical Associate Professor
MILTON M. MOSKO, Clinical Associate Professor
OGLESBY PAUL, Clinical Associate Professor
SAMUEL PERLSTEIN, Clinical Associate Professor, *Emeritus*
ISADORE PILOT, Clinical Associate Professor
ISIDORE A. RABENS, Clinical Associate Professor, *Emeritus*
SAMUEL H. ROSENBLUM, Clinical Associate Professor
WILLIAM SAPHIR, Clinical Associate Professor
THEODORE B. SCHWARTZ, Associate Professor
HOWARD M. SHEAFF, Clinical Associate Professor (Rush), *Emeritus*
MITCHELL A. SPELLBERG, Clinical Associate Professor
IRVING E. STECK, Promotion to Clinical Associate Professor
GEORGE W. STUPPY, Clinical Associate Professor (Rush)
EUGENE F. TRAUT, Clinical Associate Professor (Rush)
RALPH W. TRIMMER, Clinical Associate Professor (Rush)
HOWARD WAKEFIELD, Clinical Associate Professor
WILLARD L. WOOD, Clinical Associate Professor (Rush)
OSMUND H. AKRE, Clinical Assistant Professor
LEO E. AMTMAN, Clinical Assistant Professor, *Emeritus*
CARL F. BAUMEISTER, Clinical Assistant Professor
PAUL L. BEDINGER, Clinical Assistant Professor
MAX BERG, Clinical Assistant Professor
GEORGE H. BERRYMAN, Clinical Assistant Professor
HERBERT C. BREUHAUS, Clinical Assistant Professor (Rush)
RALPH G. BROWN, Clinical Assistant Professor
GEORGE V. BYFIELD, 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
JOHN A. GARDINER, Clinical Assistant Professor (Rush), *Emeritus*
AARON GUNTHER, Clinical Assistant Professor
WILLIAM J. HAND, Clinical Assistant Professor
PAUL HELLER, Clinical Assistant Professor
BENJAMIN H. HILKEVITCH, Clinical Assistant Professor (Rush), *Emeritus*
HARVEY HORWITZ, Clinical Assistant Professor
HARRY L. HUNTER, Clinical Assistant Professor
EDWIN N. IRONS, Clinical Assistant Professor
ROLAND L. KESLER, Clinical Assistant Professor (Rush)
JANET R. KINNEY, Clinical Assistant Professor
ROY J. KORN, Clinical 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
WARREN C. LEWIS, Clinical Assistant Professor
JEROME S. MEHLMAN, Clinical Assistant Professor
JOHN R. NECHELES, Clinical Assistant Professor
BERTRAM G. NELSON, Clinical Assistant Professor (Rush)
BENJAMIN PEARLMAN, Clinical Assistant Professor
LAWRENCE PERLMAN, Clinical Assistant Professor
THEODORE Z. POLLEY, 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
ANTHONY R. SAPIENZA, Clinical Assistant Professor
ARMIN F. SCHICK, Clinical Assistant Professor (Rush)
JAMES A. SCHOENBERGER, Clinical Assistant Professor
IRVIN S. SIGLIN, Clinical Assistant Professor

ELIZABETH K. STRAUS, Lecturer with rank of Assistant Professor (Rush)
FRANK E. TROBAUGH, JR., Assistant Professor
GRAHAM A. VANCE, Clinical Assistant Professor
SEYMOUR W. WEISBERG, Clinical Assistant Professor
EDWARD O. WILLOUGHBY, Clinical Assistant Professor
ALEXANDER WOLF, Clinical Assistant Professor
HARRY J. YELLEN, Clinical Assistant Professor
SIMON ŽIVIN, Clinical Assistant Professor
THOMAS A. BAIRD, Clinical Associate (Rush)
FRED E. BALL, Clinical Associate
GEORGE P. BALLARD, Clinical Associate
LIONEL M. BERNSTEIN, Clinical Associate
ALBIN M. BRIXEY, Clinical Associate
DONALD T. FOXWORTHY, Clinical Associate
RAYMOND M. GALT, Clinical Associate
MORTON A. GOLDMANN, Clinical Associate
EUGENE GROSZ, Clinical Associate, *Emeritus*
CARL A. HEDBLUM, JR., Clinical Associate
ROBERT N. HEDGES, Clinical Associate
WALTER F. HOEPPNER, Clinical Associate
BENJAMIN M. KAPLAN, Clinical Associate
WILLIAM J. KIRBY, Clinical Associate (Rush)
JOHN M. LEVITSKY, Lecturer with rank of Associate
LESTER A. NALEFSKI, Clinical Associate
DONALD E. O'BRIEN, Clinical Associate
ROBERT M. POSKE, Clinical Associate
HELEN L. RHETTA, Clinical Associate
RIGBY C. ROSKELLEY, Clinical Associate
IRA L. SCHNAER, Clinical Associate
HAROLD SCHOOLMAN, Clinical Associate
J. LISLE WILLIAMS, Associate, *Emeritus*
MAURICE M. ALBALA, Clinical Instructor
BERTHE E. ARMSTRONG, Clinical Instructor
DAVID BALDWIN, Clinical Instructor
ROBERT J. BECKER, Clinical Instructor
RAY F. BEERS, JR., Clinical Instructor
BERNARD BREITZER, Clinical Instructor
WILLIAM E. BRETZ, Clinical Instructor
DAVID BRONSKY, Clinical Instructor
ROBERT W. CARTON, Clinical Instructor
JOHN L. CIRZAN, Clinical Instructor
JOSEPH A. COHEN, Clinical Instructor
DOUGLAS DAVID, Clinical Instructor
CHARLES S. DAVIS, Instructor (one year from July 1, 1958)¹
JOSEPH A. DAVIS, Clinical Instructor
GEORGE A. DEJONG, Clinical Instructor
JOHN A. DETWEILER, Clinical Instructor
HENRY D. DEYOUNG, Clinical Instructor
BERNARD D. EDIDIN, Clinical Instructor
PETER J. FARAGO, Clinical Instructor
ROBERT E. FELIX, Instructor
ELMER W. FISHERMAN, Clinical Instructor
THOMAS J. FITZPATRICK, Clinical Instructor
ROBERT A. FOLEY, Instructor (one year from July 1, 1958)²
RONALD E. FOX, Instructor
WILLIAM I. FREUD, Clinical Instructor
GERHARD FREUND, Clinical Instructor
ROBERT C. FRUIN, Clinical Instructor
CLARENCE L. GANTT, Clinical Instructor
WILLIAM R. GARR, Clinical Instructor
CHARLES A. GIANASI, Clinical Instructor
IRVING GREENSPAN, Clinical Instructor
LUKE J. GRIMELLI, Clinical Instructor

ROLF M. GUNNAR, Clinical Instructor (on leave of absence from July 1, 1958, through June 30, 1959)
JULIUS A. GURVEY, Clinical Instructor
THOMAS H. HAYES, Clinical Instructor
ROBERT N. HEDGES, JR., Clinical Instructor
ROBERT L. HERTING, Clinical Instructor
WILLIAM H. HIGHSTONE, Clinical Instructor
NATHAN J. IGLITZEN, Clinical Instructor
RODNEY A. JAMIESON, Clinical Instructor
LOUIS C. JOHNSTON, Clinical Instructor
FRANK W. JONES, Clinical Instructor
JOHN C. JONES, Clinical Instructor
PHILIP N. JONES, Clinical Instructor
FRANK B. KELLY, JR., Clinical Instructor
WALLACE W. KIRKLAND, JR., Clinical Instructor
SAMUEL KLEIN, Clinical Instructor
SYDNEY KOFMAN, Clinical Instructor
BRUCE D. LEE, Clinical Instructor
AUDLEY R. MAMBY, Clinical Instructor
RANDALL L. MANN, Instructor (one year from July 1, 1958)¹
ROBERT A. MARKELZ, Clinical Instructor
SAMUEL MATLIN, Clinical Instructor
PETER S. MAYER, Clinical Instructor
PAUL A. MEREDITH, Clinical Instructor
THOMAS MORRISON, Clinical Instructor
ROBERT C. MUEHRCKE, Instructor
JOSEPH J. MUENSTER, JR., Instructor
RICHARD H. NEAL, Clinical Instructor
EDWARD A. NEWMAN, Clinical Instructor
JOSHUA ODEN, JR., Clinical Instructor
LEONARD OHRINGER, Clinical Instructor
ROBERT L. PARSONS, Instructor (one year from July 1, 1958)²
CHARLES P. PERLIA, Clinical Instructor
WILLIAM H. PHELAN, Clinical Instructor (fourteen months from July 1, 1958)
ANITA ROBBINS, Clinical Instructor
PATRICK E. ROMANO, Clinical Instructor
DEAN S. ROSSET, Clinical Instructor
SEYMOUR R. SALBERG, Clinical Instructor
RALPH A. SCALA, Clinical Instructor
ROBERT B. SCHLESINGER, Clinical Instructor
WILLIAM E. SCHWIED, Clinical Instructor
WILLIAM K. SCUPHAM, Clinical Instructor
ROBERT E. SLAYTON, Clinical Instructor¹
LEONARD S. SLUZYNSKI, Clinical Instructor
MARSHALL J. SNAPP, Clinical Instructor
WILLIAM R. STARR, Clinical Instructor
HARRY B. STONE, Clinical Instructor
JEROME F. STRAUSS, JR., Clinical Instructor
DONALD W. TARUN, Clinical Instructor
KASRIEL TAUSK, Clinical Instructor
RAYMOND TEPLITZ, Instructor (one year from July 1, 1958)¹
CHESTER B. THRIFT, Clinical Instructor
ALSTON C. TWISS, Clinical Instructor
CHARLES S. VIL, Clinical Instructor
EARL A. VONDRASEK, Clinical Instructor
ERNEST G. WARNER, Instructor (one year from July 1, 1958)²
JACK WILLIAMS, Clinical Instructor
EDWARD J. WISS, Clinical Instructor
CHARLES K. WOLFE, JR., Clinical Instructor
JAMES R. ZVETINA, Clinical Instructor
BURTON R. ANDERSEN, Assistant (one year from July 1, 1958)¹
WILLIAM J. ANDREWS, Clinical Assistant
WARREN C. BARROW, Assistant (one year from July 1, 1958)²

PHILIP E. BLATT, Assistant (one year from July 1, 1958)²
 CARROLL F. BOYLES, Assistant (one year from July 1, 1958)²
 HENRY CHONG, Research Assistant (one year from July 1, 1958)
 JOYCE G. CLEARIHUE, Clinical Assistant (six months from July 1, 1958)
 HUNTER O. CUTTING, Clinical Assistant
 J. CALVIN DAVIS III, Assistant (one year from July 1, 1958)¹
 ROBERT E. DEDMON, Assistant (one year from July 1, 1958)²
 MICHAEL M. DiGILIO, Clinical Assistant
 ROBERT E. ECKLUND, Assistant (one year from July 1, 1958)¹
 PETER G. ECONOMOU, Assistant (one year from July 1, 1952)²
 ALESSANDRO EMANUELI, Research Assistant (one year from July 1, 1958)
 MARY P. FARNES, Assistant (one year from July 1, 1958)²
 WILLIAM E. FISHMAN, Assistant (one year from July 1, 1958)¹
 GEORGE C. FLANAGAN, Assistant (one year from July 1, 1958)²
 RAIMONDS G. GAILITIS, Clinical Assistant (on leave of absence for military service)
 THEODORE H. GASTEYER, Assistant (one year from July 1, 1958)²
 GEORGE B. GOLINKIN, JR., Clinical Assistant
 JEROME J. HAHN, Assistant (one year from July 1, 1958)¹
 PAUL K. HANASHIRO, Assistant (one year from July 1, 1958)²
 ALLEN HOFFMAN, Clinical Assistant
 ALBERT W. HOLMES, JR., Assistant (one year from July 1, 1958)²
 IRENE G. KAGANIEC, Clinical Assistant
 LEONARD KOGAN, Assistant (one year from July 1, 1958)²
 EUGENE S. KRASNOW, Clinical Assistant
 JOHN C. KUKRAL, Clinical Assistant
 JOHN C. KULIS, Clinical Assistant
 JERRY P. LEWIS, Assistant (one year from July 1, 1958)²
 HYMAN MACKLER, Assistant (one year from July 1, 1958)²
 PATRICIA ANN MCCREARY, Clinical Assistant
 VIDVUDS MEDENIS, Clinical Assistant
 ALLEN MEYER, Research Assistant (one year from July 1, 1958)¹
 GEORGE A. NELSON, Assistant (one year from July 1, 1958)¹
 LOUIS M. NEWTON, Assistant (one year from July 1, 1958)²
 JOSEPH R. NORA, Clinical Assistant
 RALPH PACINI, Clinical Assistant
 JOHN H. PETERS, Research Assistant (one year from July 1, 1958)
 ARTHUR R. PETERSON, Assistant (one year from July 1, 1958)²
 WILLIAM J. PIEPER, Assistant (one year from July 1, 1958)¹
 GLOUCESTER A. PRICE, JR., Clinical Assistant
 CALVIN RADIN, Clinical Assistant
 MARVIN S. ROSENBERG, Clinical Assistant
 WILL G. RYAN, Assistant (one year from July 1, 1958)²
 JACK W. SHIELDS, Clinical Assistant
 JAMES P. SHOMAKER, Assistant (one year from July 1, 1958)²
 HAROLD B. SHRIFTER, Clinical Assistant (on leave of absence for military service)
 ANGELO TOIGO, Clinical Assistant
 SHERMAN WEISSMAN, Assistant (one year from July 1, 1958)¹

Microbiology

GEORGE F. FORSTER, Lecturer with rank of Assistant Professor
 RALPH H. HUBBLE, Lecturer with rank of Instructor

Neurology and Neurological Surgery

LOREN W. AVERY, Clinical Professor of Neurology (Rush)
 BEN W. LICHTENSTEIN, Clinical Professor of Neurology
 ARTHUR ARNOLD, Clinical Assistant Professor of Neurological Surgery
 CHARLES S. TEXTOR II, Clinical Assistant Professor of Neurological Surgery
 BEAUMONT JOHNSON II, Clinical Associate in Neurological Surgery
 NATHAN ZOLT, Clinical Associate
 VIRGINIA SORUM, Clinical Instructor in Neurology
 WILLIAM ALLEN, Assistant¹

RICHARD O. BURNS, JR., Assistant¹

PATRICK ELWOOD, Assistant (one year from July 1, 1958)²

GEORGE LIVESAY, Assistant (six months from July 1, 1958)¹

ROY C. SELBY, Assistant (one year from July 1, 1958)¹

Obstetrics and Gynecology

EDWARD D. ALLEN, Clinical Professor (Rush)

HARRY BOYSEN, Clinical Professor (Rush)

ABRAHAM FAE LASH, Clinical Professor

EUGENE A. EDWARDS, Clinical Associate Professor

ARTHUR H. KLAUANS, Clinical Associate Professor (Rush)

ALFRED J. KOBAK, Clinical Associate Professor

FRED OWEN PRIEST, Clinical Associate Professor (Rush)

GEORGE H. REZEK, Clinical Associate Professor

JOHN R. WOLFF, Clinical Associate Professor

RICHARD H. ANDRESEN, Clinical Assistant Professor

HUGO CARL BAUM, Clinical Assistant Professor (Rush)

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. DELLEE, Clinical Assistant Professor

CECIL DRAA, Clinical Assistant Professor (Rush)

DEANE M. FARLEY, Clinical Assistant Professor

JAMES P. FITZGIBBONS, Clinical Assistant Professor

ROBERT J. GLENNER, Clinical Assistant Professor

WALTER C. HAMMOND, Assistant Professor, *Emeritus*

CHARLES D. KRAUSE, Clinical Assistant Professor

JOHN MICHAEL LANG, Assistant Professor, *Emeritus*

RICHARD A. LIFVENDAHL, 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

FRANK LEE STONE, Assistant Professor, *Emeritus*

JOSEPH B. TETON, Clinical Assistant Professor

HARRY K. WADDINGTON, Clinical Assistant Professor

FRANK J. WALSH, Clinical Assistant Professor

ROBERT A. BEEBE, Clinical Associate

GEORGE C. FINOLA, Clinical Associate

JOSEPH S. ANGELL, Clinical Instructor

OTTO S. ESPINOSA, Instructor (one year from July 1, 1958)²

HARVEY A. GOLLIN, Clinical Instructor

BERNARD M. KAYE, Clinical Instructor

VINCENT A. LAVIERI, Clinical Instructor

JOHN C. MASON, JR., Instructor (one year from July 1, 1958)¹

THEODORE C. MOUZAKEOTIS, Clinical Instructor

JOSEPH J. MULLEN, Clinical Instructor

EDWIN E. NYMAN, Clinical Instructor

PAUL G. PAPATHEODOROU, Instructor (one year from July 1, 1958)²

MICHAEL P. PILL, Clinical Instructor

MEYER D. RUTGARD, Clinical Instructor

JACK A. SAMPSON, Clinical Instructor

HUGH A. SANDERS, Instructor (one year from July 1, 1958)¹

ROY R. SHOAF, Instructor (one year from July 1, 1958)¹

SEYMOUR SHOLDER, Clinical Instructor

HAROLD E. SMITH, Clinical Instructor

ROBERT G. STONE, Clinical Instructor
 EDGAR B. SYLVESTER, Clinical Instructor
 VASIL TRUCHLY, Instructor (one year from July 1, 1958)²
 GEORGE P. VLASIS, Clinical Instructor
 LAVERNE M. WALLHEISER, Clinical Instructor
 ALVIN F. WIERSMA, Clinical Instructor
 JOHN A. AIMONE, Clinical Assistant
 JOHN F. BARTELS, Clinical Assistant
 EDMOND M. BROPHY, Assistant (one year from July 1, 1958)¹
 PAUL A. CAPELLI, Assistant (one year from July 1, 1958)²
 CHILIANO E. CASAL, Assistant (one year from July 1, 1958)²
 DELOS E. COZAD, Clinical Assistant
 ANDREW V. DAHLBERG, Clinical Assistant
 CAROL M. DENIG, Assistant (one year from July 1, 1958)²
 DONALD M. FAHRENBACH, Clinical Assistant
 EDWIN L. FALLOON, Clinical Assistant
 MARIO A. IRIGOYEN, Clinical Assistant
 ELMER J. JUSTEMA, JR., Clinical Assistant
 SIDNEY C. KAHN, Clinical Assistant
 ANTHONY N. KENWICK, Clinical Assistant
 JOHN R. KOSTELNY, Clinical Assistant
 WILBUR J. MARSHALL, Assistant (one year from July 1, 1958)¹
 ADRIAN R. OLECK, Clinical Assistant
 GEORGE PEPPER, Assistant (one year from July 1, 1958)¹
 PHILANDER RICKS, JR., Assistant (one year from July 1, 1958)¹
 MARVIN A. ROSNER, Clinical Assistant
 MELVIN I. ROTH, Assistant (one year from July 1, 1958)²
 PETER SIEGEL, Assistant (one year from July 1, 1958)¹
 JAMES A. SINGLETON, Assistant (one year from July 1, 1958)¹
 LAWRENCE J. SYKORA, Clinical Assistant
 NATHAN TOLWINSKY, Clinical Assistant
 NANCY C. TREADWELL, Clinical Assistant
 BRUCE P. ZUMMO, Clinical Assistant

Ophthalmology

WILLIAM F. HUGHES, Clinical Professor
 WILLIAM F. MONCREIFF, Clinical Professor (Rush)
 CARL APPLE, Clinical Associate Professor
 EARLE B. FOWLER, Clinical Associate Professor (Rush), *Emeritus*
 JOSEPH S. HAAS, Clinical Associate Professor
 DANIEL SYNDACKER, Clinical Associate Professor
 GEORGIANA D. THEOBALD, Clinical Associate Professor and Clinical Pathologist,
Emerita
 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
 HAROLD Q. KIRK, 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
 EDWARD T. JONES, Clinical Associate
 VERNON M. LEECH, Clinical Associate (Rush)

EARL H. MERZ, Clinical Associate
 ROBERT L. ALLEN, Clinical Instructor
 WALTER L. BAYARD, Clinical Instructor
 MICHAEL CARROLL, Clinical Instructor
 JOHN R. CASSADY, Clinical Instructor
 WILLIAM DEUTSCH, Clinical Instructor
 ROBERT I. FIRESTONE, Instructor
 GEORGE T. FITZGERALD, Clinical Instructor
 MARVIN D. HENRY, Clinical Instructor
 ALDONA A. JUSKA, Clinical Instructor
 ALEXANDER N. LETKO, Instructor
 ARTHUR LIGHT, Clinical Instructor
 VALDO P. OLEARI, Clinical Instructor
 JUDITH V. PERRY, Clinical Instructor
 ABRAHAM SCHULTZ, Clinical Instructor
 BARBARA SPIRO, Clinical Instructor
 JOSEPH TATAR, Clinical Instructor
 ALBERT TENNENBAUM, Clinical Instructor
 JACK TRESLEY, Clinical Instructor
 JOHN J. WALSH, Clinical Instructor
 EDWIN S. WOOD, Clinical Instructor
 NOEL A. BOOK, Assistant (six months from July 1, 1958)¹
 EDWIN F. BRACHMAN, Assistant (one year from July 1, 1958)¹
 VIVIAN A. CATION, Assistant (six months from July 1, 1958)¹
 LETICIA M. ENRILE, Assistant (six months from July 1, 1958)¹
 EDWARD FLICK, Assistant (six months from July 1, 1958)¹
 MARTIN A. FLYNN, Assistant (six months from July 1, 1958)²
 SHERWIN A. FOX, Assistant (one year from July 1, 1958)¹
 LAWRENCE N. FRAZIN, Assistant (one year from July 1, 1958)¹
 HAL M. FREEMAN, Assistant (one year from July 1, 1958)¹
 DENNIS HARRIS, Assistant (one year from July 1, 1958)¹
 LEO W. LAKRITZ, Assistant (six months from July 1, 1958)¹
 IRWIN MENACHOF, Assistant (one year from July 1, 1958)¹
 JOHN O. MINIER, Assistant (six months from July 1, 1958)¹
 NORBERT J. NOWICKI, Assistant (one year from July 1, 1958)¹
 BURTON A. RUSSMAN, Assistant (six months from July 1, 1958)¹
 CARL SCHMIDT, Assistant (one year from July 1, 1958)¹
 JOHN B. TURNBULL, Assistant (one year from July 1, 1958)¹
 DAVID C. WHITSELL, Assistant (one year from July 1, 1958)¹

Orthopaedic Surgery

FRANK G. MURPHY, Clinical Associate Professor, *Emeritus*
 CARLO S. SCUDERI, Clinical Associate Professor
 KURT EICHELBAUM, Clinical Assistant Professor
 WALTER R. FISCHER, Clinical Assistant Professor
 WILLIAM A. MARSHALL, Clinical Assistant Professor
 LEO F. MILLER, Clinical Assistant Professor
 FRED SHAPIRO, Clinical Assistant Professor (Rush)
 HORACE E. TURNER, Clinical Assistant Professor
 EVERETT A. GRIMMER, Clinical Associate
 TAWFIK, Y. SABET, Research Associate
 JAMES P. AHSTROM, Clinical Instructor
 LAWRENCE J. BOWNESS, Clinical Instructor
 RICHARD M. CRONIN, Clinical Instructor
 FREDERICK C. FEILER, Instructor (one year from July 1, 1958)¹
 CHARLES E. GAVIN, Instructor (one year from July 1, 1958)¹
 ROBERT P. MEANY, Clinical Instructor
 ALBERT J. NOVOTNY, Clinical Instructor
 CLIFFORD O. NYMAN, Clinical Instructor
 RAYMOND J. PELLICORE, Clinical Instructor
 IRWIN B. RICH, Clinical Instructor
 ELLSWORTH H. TANNEHILL, Clinical Instructor

LOUIS S. VARZINO, Clinical Instructor (Rush)
 BRIAN H. HUNCKE, Assistant (one year from July 1, 1958)¹
 WILLIAM F. MCCOLL, JR., Assistant (one year from July 1, 1958)¹
 WILLIAM H. NEWMAN, Clinical Assistant
 ANTONI TRIAS, Assistant (one year from July 1, 1958)¹

Otolaryngology

DANIEL HAYDEN, Clinical Professor (Rush), *Emeritus*
 ABRAHAM HOLLENDER, Professor, *Emeritus*
 WALTER THEOBALD, Clinical Professor, *Emeritus*
 OLIVER E. VANALYEA, Clinical Professor, *Emeritus*
 ALBERT H. ANDREWS, JR., Clinical Associate Professor
 OSCAR BECKER, Clinical Associate Professor
 WALTER W. DALITSCH, Clinical Associate Professor
 STANTON A. FRIEDBERG, Clinical Associate Professor (Rush)
 ROBERT HENNER, Clinical Associate Professor
 KENNETH C. JOHNSTON, Clinical Associate Professor
 G. KENNETH LEWIS, Clinical Associate Professor
 GEORGE S. LIVINGSTON, Clinical Associate Professor
 SAMUEL MORWITZ, Clinical Associate Professor, *Emeritus*
 LINDEN WALLNER, Clinical Associate Professor (Rush)
 RICHARD WATKINS, Clinical Associate Professor, *Emeritus*
 HELMUT BLUMENTHAL, Clinical Assistant Professor
 EDWARD CHAINSKI, Clinical Assistant Professor
 ARTHUR COOMBS, Clinical Assistant Professor
 CLIFFORD L. DOUGHERTY, Clinical Assistant Professor
 ELMER A. FRIEDMAN, Clinical Assistant Professor
 LOIS GREENE, Clinical Assistant Professor
 IRWIN HORWITZ, Clinical Assistant Professor
 NORMAN LESHIN, Clinical Assistant Professor
 ROBERT LEWY, Clinical Assistant Professor
 LEO SATZ, Clinical Assistant Professor
 LOUIS SAVITT, Clinical Assistant Professor
 FRANK WOJNIAK, Clinical Assistant Professor (Rush)
 I. ERLIN BARTLETT, Clinical Associate
 BRUNO BLUMKLOTZ, Clinical Associate
 ARTHUR LOEWY, Clinical Associate
 JOSEPH ORRICO, Clinical Associate
 ARTHUR RATKO, Clinical Associate
 HARKISHEN SINGH, Clinical Associate
 WILLIAM SMILEY, Clinical Associate
 PIERCE W. THEOBALD, Clinical Associate
 JOHN WEIDEMANN, Clinical Associate
 DAVID AUSTIN, Clinical Instructor
 ROBERT BORKENHAGEN, Clinical Instructor
 DAVID O. DALE, Clinical Instructor
 JEANNETTE FRASIER, Clinical Instructor in Audiology
 JOSEPH GYORKEY, Clinical Instructor³
 COLETTE JEANTET, Clinical Instructor
 ANDREAS KODROS, Clinical Instructor
 ROLAND KOWAL, Clinical Instructor
 MILTON E. KURTH, Clinical Instructor
 MARIO MANSUETO, Clinical Instructor
 ATHANASSIOS PANAGOPOULOS, Clinical Instructor
 EDWARD RAZIM, Clinical Instructor
 KARL H. SIEDENTOP, Clinical Instructor
 KURT SPRINGER, Clinical Instructor
 CHARLES J. YAST, Clinical Instructor
 KENJI AIMI, Assistant¹
 JOHN BAXTER, Assistant (one year from July 1, 1958)¹
 RALPH CASCIARO, Assistant (one year from July 1, 1958)¹
 GEORGE CONNER, Assistant¹

PIERRE DEBLOIS, Assistant¹
 JOSE FERRER, Assistant¹
 GERALD GUEMMER, Clinical Assistant
 A. LAURENCE LEMEL, Assistant (one year from July 1, 1958)¹
 DINO MAURIZI, Assistant (one year from July 1, 1958)¹
 PHILLIP MOZER, Assistant¹
 THADDEUS S. PIERZYNSKI, Assistant (one year from July 1, 1958)¹
 ROBERT PORNOY, Assistant¹
 JOYCE SCHILD, Assistant (one year from July 1, 1958)¹
 LAWRENCE SHAPIRO, Assistant¹
 ALDO SIRUGO, Assistant¹
 LOUIS TENTA, Assistant (one year from July 1, 1958)¹
 RICHARD UNDERRINER, Assistant (on leave of absence for military service)¹

Pathology

GEORGE M. HASS, Professor
 LESTER S. KING, Clinical Professor
 CHARLES E. CAHN-BRONNER, Professorial Lecturer, *Emeritus*
 HAROLD A. GRIMM, Clinical Associate Professor
 JERRY J. KEARNS, Clinical Associate Professor
 AARON LEARNER, Clinical Associate Professor
 COYE C. MASON, Clinical Associate Professor
 C. BRUCE TAYLOR, Associate Professor
 DOROTHY ESHBAUGH, Clinical Assistant Professor
 FREDERIC 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
 GRANT C. JOHNSON, Clinical Assistant Professor
 ALBERT I. RUBENSTONE, Clinical Assistant Professor
 ALBERT W. SCHWEITZER, Clinical Assistant Professor
 JOSEPH C. SHERRICK, Clinical Assistant Professor
 JAMES R. THOMPSON, Clinical Assistant Professor
 PAUL A. VAN PERNIS, Clinical Assistant Professor
 JOHN E. MALONEY, Clinical Associate
 ARNOLD BROWN, JR., Instructor (one year from July 1, 1958)²
 RAYMOND A. CLASEN, Instructor (one year from July 1, 1958)²
 ROBERT H. EDWARDS, Instructor (one year from July 1, 1958)²
 HARTMANN FRIEDERICI, Instructor (one year from July 1, 1958)²
 JAMES E. HABEGGER, Clinical Instructor
 MARILYN J. O'BRIEN, Instructor (one year from July 1, 1958)¹
 ADOLPH J. RABINOVITZ, Clinical Instructor
 RICHARD TRUEHEART, Instructor (one year from July 1, 1958)²
 JONAS VALAITIS, Clinical Instructor
 ROBERT ALEXANDER, Assistant (one year from July 1, 1958)²
 GEORGE E. COX, Assistant (one year from July 1, 1958)²
 EDWARD DOWNS, Assistant (one year from July 1, 1958)¹
 REUBEN EISENSTEIN, Assistant (one year from July 1, 1958)²
 MORRIS LIBRACH, Assistant (one year from July 1, 1958)¹

Pediatrics

I. PAT BRONSTEIN, Clinical Professor
 CRAIG D. BUTLER, Clinical Professor (Rush)
 BENJAMIN M. GASUL, Clinical Professor
 JOSEPH GREENGARD, Clinical Professor
 CLIFFORD GRULEE, Clinical Professor (Rush), *Emeritus*
 ARCHIBALD L. HOYNE, Clinical Professor (Rush), *Emeritus*
 HUGH McCULLOCH, Lecturer with rank of Professor, *Emeritus*
 FREDERIC C. MOLL, Professor
 ALFRED DE BARD BIGGS, Clinical Associate Professor
 LOUIS J. HALPERN, Clinical Associate Professor
 C. JACK HARRISON, Clinical Associate Professor (Rush)
 SAMUEL J. HOFFMAN, Clinical Associate Professor

HARRY LEICHENGER, Clinical Associate Professor
 DANIEL J. PACHMAN, Clinical Associate Professor
 IRVING B. RICHTER, Clinical Associate Professor
 NOEL G. SHAW, Clinical Associate Professor (Rush)
 CHARLES K. STULIK, Clinical Associate Professor (Rush), *Emeritus*
 DOROTHY H. WELKER, Clinical Associate Professor
 LESTER E. BOWER, Clinical Assistant Professor, *Emeritus*
 LAWRENCE BRESLOW, Clinical Assistant Professor
 E. H. CHRISTOPHERSON, Clinical Assistant Professor
 WOODRUFF L. CRAWFORD, Clinical Assistant Professor
 WARREN R. DAMMERS, Clinical Assistant Professor
 WERNER K. GOTTSTEIN, 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
 MATTHEW LEWISON, Clinical Assistant Professor (Rush)
 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
 SAMUEL THOMAS, Clinical Assistant Professor
 NORMAN T. WELFORD, Clinical Assistant Professor (Rush)
 A. A. WOLF, Clinical Assistant Professor
 SAMUEL C. HENN, Clinical Associate
 CHARLES E. STEPAN, Clinical Associate
 HANS G. BUCHELERES, Instructor
 MARY DOCHIOS, Clinical Instructor
 LEON GARDNER, Clinical Instructor
 HELEN HAYDEN, Clinical Instructor
 ELVYRA H. KATELE, Clinical Instructor
 ELIZABETH KELLER, Clinical Instructor
 HOWARD J. LEVINE, Clinical Instructor
 JEROME J. LUBIN, Clinical Instructor
 RONALD B. MACK, Clinical Instructor
 JOHN J. MARINO, Clinical Instructor
 HARRY T. NAGEL, Clinical Instructor
 BRUCE B. NEWMAN, Clinical Instructor
 KENNETH S. NOLAN, Clinical Instructor
 FREDERICK L. PHILLIPS, Clinical Instructor
 ALYDA R. RATAJIK, Clinical Instructor
 VLASTIMIL VRLA, Clinical Instructor
 ROBERT E. WILLIAMS, Clinical Instructor
 DANUTA BUZDYGAN, Assistant¹
 ALAN J. CAMIN, Assistant¹
 MOHAMAD R. MOINFAR, Assistant¹
 ANGELES PAPAIOANOU, Assistant¹
 PURIFICACION R. DEL ROSARIO, Assistant¹
 ERNEST I. YAHIRO, Assistant¹

Pharmacology

VICTOR A. DRILL, Lecturer with rank of Professor
 HARRIS ISBELL, Lecturer with rank of Professor
 HUGH A. MCGUIGAN, Professor, *Emeritus*
 WILLIAM H. FUNDERBURK, Lecturer with rank of Assistant Professor

Physical Medicine and Rehabilitation

H. WORLEY KENDELL, Clinical Professor
 EDWARD E. GORDON, Clinical Associate Professor
 MAXWELL D. FLANK, Clinical Assistant Professor

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 Assistant Professor

Preventive Medicine

THOMAS G. HULL, Associate Professor, *Emeritus*
HAROLD W. SPEIS, Clinical Assistant Professor
HAROLD STEINBERG, Clinical Assistant Professor

Psychiatry

RALPH HAMILL, Clinical Professor (Rush), *Emeritus*
DAVID SHAKOW, Lecturer with rank of Professor
MORRIS BRAUDE, Clinical Associate Professor (Rush), *Emeritus*
HARRY HOFFMAN, Clinical Associate Professor (Rush), *Emeritus*
DONALD A. R. MORRISON, Clinical Associate Professor
MARIANNE SIMMEL, Clinical Associate Professor of Psychology
ALFRED SOLOMON, Clinical Associate Professor
JACK WEINBERG, Clinical Associate Professor
ORVILLE S. WALTERS, Lecturer with rank of Associate Professor (beginning August 1, 1958; annual appointment without indefinite tenure)
JAMES M. ALEXANDER, Clinical Assistant Professor
HAROLD BALIKOV, Clinical Assistant Professor
MILTON C. BAUMANN, Clinical Assistant Professor
HELEN BEISER, Clinical Assistant Professor
E. ELIOT BENEZRA, Clinical Assistant Professor
ANNE BENJAMIN, Clinical Assistant Professor
LEON BERNSTEIN, Clinical Assistant Professor
BERNARD BLOCK, Clinical Assistant Professor
DAVID BROCKMAN, Clinical Assistant Professor
JAMES A. BUETTNER, Clinical Assistant Professor
PAULINE COOKE, Clinical Assistant Professor
ALFRED FLARSHEIM, Clinical Assistant Professor
HAROLD A. GREENBERG, Clinical Assistant Professor
LOUIS HALPERIN, Clinical Assistant Professor
JOHN W. HANNI, Clinical Assistant Professor
DAVID HARMAN, Clinical Assistant Professor
IRVING HARRIS, Clinical Assistant Professor
WALTER KITT, Clinical Assistant Professor
RICHARD KOENIG, Clinical Assistant Professor
ROBERT H. KOFF, Clinical Assistant Professor
JOHN C. LEE, Clinical Assistant Professor
SAMUEL LIEBMAN, Clinical Assistant Professor
JOAN LONGINI, Clinical Assistant Professor
ROBERT G. McMILLAN, Clinical Assistant Professor
WARREN G. MCPHERSON, Clinical Assistant Professor
MARJORIE MEEHAN, Clinical Assistant Professor
ARTHUR A. MILLER, Clinical Assistant Professor
WILLIAM H. MURRAY, Clinical Assistant Professor
JOSEPH G. NEMECEK, Clinical Assistant Professor
MELVIN D. NUDELMAN, Clinical Assistant Professor
ERICH PASCHKES, Clinical Assistant Professor
JACOB PASKIND, Clinical Assistant Professor, *Emeritus*
GEORGE PERKINS, Clinical Assistant Professor
CLIFTON RHEAD, Clinical Assistant Professor
ALAN ROBERTSON, Clinical Assistant Professor
RAYMOND ROBERTSON, Clinical Assistant Professor
MORRIS M. ROSENTHAL, Clinical Assistant Professor
HARRY R. ROWE, Clinical Assistant Professor
LESTER H. RUDY, Clinical Assistant Professor

HENRY L. RUEHR, Clinical Assistant Professor
 MARIA BROLLEY SCHWARTZ, Clinical Assistant Professor
 HARRY M. SEGENREICH, Clinical Assistant Professor
 MORRIS SKLANSKY, Clinical Assistant Professor
 W. DAVID STEED, Clinical Assistant Professor
 ROBERT L. STEWART, Clinical Assistant Professor
 VIRGINIA TARLOW, Clinical Assistant Professor
 THOMAS TOURLENTES, Clinical Assistant Professor
 SAMUEL VICTOR, Clinical Assistant Professor
 WILLIAM WEISDORF, Clinical Assistant Professor
 ROBERT E. WESTFALL, Clinical Assistant Professor
 DONOVAN G. WRIGHT, Clinical Assistant Professor
 VICTOR ZIELINSKI, Clinical Assistant Professor
 CLARESA ARMSTRONG, Clinical Instructor
 DAVID BARRON, Clinical Instructor
 LOWELL GOODMAN, Clinical Instructor
 NAHMAN H. GREENBERG, Instructor (one year from July 1, 1958)¹
 DAVID P. GROSS, Clinical Instructor
 FREDERICK V. GWYER, Clinical Instructor
 JOHN E. HALASZ, Clinical Instructor
 MARCIA GOLD HUGHES, Clinical Instructor
 CHARLES KRAMER, Clinical Instructor
 WAN-HO CHAO LEE, Clinical Instructor of Psychology
 BERNARD LIFSON, Clinical Instructor
 NORMA MASON, Clinical Instructor
 VICTOR MINTEK, Clinical Instructor
 EVAN MOORE, Clinical Instructor
 FRANCES PERCE, Clinical Instructor of Psychology
 SARAH R. PESKIND, Clinical Instructor of Psychology
 BARBARA ROCAH, Instructor (one year from July 1, 1958)⁴
 ARTHUR SABLE, Clinical Instructor
 MARIAN TOLPIN, Clinical Instructor
 DAGA WIED, Clinical Instructor (one year from July 1, 1958)²
 CATHERINE WISE, Clinical Instructor
 THOMAS O. AFFELDT, Assistant⁴
 DAVID W. BUCK, Assistant (one year from July 1, 1958)⁴
 ELAINE CHONG, Assistant (one year from July 1, 1958)¹
 SYDNEY B. EISEN, Assistant⁴
 ARTHUR S. ELSTEIN, Assistant in Psychology
 DONALD D. SCHWARTZ, Assistant (one year from July 1, 1958)¹
 JOSE PEREZ VILLAR, Assistant (one year from July 1, 1958)⁴
 ARTHUR A. WOLOSHIN, Assistant (one year from July 1, 1958)¹
 EVA FISHELL, Research Assistant (one year from July 1, 1958)

Public Health

EDWARD A. PISZCZEK, Clinical Associate Professor
 HERBERT K. ABRAMS, Clinical 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 BEILIN, Clinical Associate Professor
 RICHARD E. BUENGER, Associate Professor
 JOHN W. CLARK, Associate Professor
 BENJAMIN BRAUN, Clinical Assistant Professor
 FRANK R. HENDRICKSON, Assistant Professor
 JULIUS HEYDEMANN, Clinical Assistant Professor
 SAMUEL LEADER, Clinical Assistant Professor
 NATHAN STARKMAN, Clinical Assistant Professor

AUDREY WILSON, Clinical Assistant Professor
 ALFRED J. BROOKS, Instructor²
 ALBERT FISH, Instructor¹
 FRANK L. HUSSEY, Instructor²
 VIRGINIA N. PATTERSON, Instructor¹
 EDMUND RINGUS, Instructor¹
 GEORGE B. GREENFIELD, Assistant²
 JOHN R. HARTMAN, Assistant¹
 JOHN S. LEARY, Assistant (on leave of absence for military service)¹
 SHELDON MILLER, Assistant¹

Surgery

HILLIER L. BAKER, Clinical Professor (Rush), *Emeritus*
 ARRIE BAMBERGER, Clinical Professor, *Emeritus*
 EDWARD J. BEATTIE, JR., Professor
 VERNON C. DAVID, Professor (Rush), *Emeritus*
 EGBERT H. FELL, Clinical Professor (Rush)
 RICHARD K. GILCHRIST, Clinical Professor (Rush)
 PAUL W. GREELEY, Clinical Professor
 HILGER P. JENKINS, Clinical Professor
 SELIM W. MCARTHUR, Clinical Professor, *Emeritus*
 EDWIN M. MILLER, Clinical Professor (Rush), *Emeritus*
 OSCAR E. NADEAU, Clinical Professor, *Emeritus*
 NELSON M. PERCY, Professor, *Emeritus*
 FRANCIS H. STRAUS, Clinical Professor (Rush)
 CARL B. DAVIS, JR., 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
 WILLIAM H. HAZLETT, Clinical Associate Professor, *Emeritus*
 ROBERT J. JENSIK, Clinical Associate Professor
 FRANK J. JIRKA, Associate Professor, *Emeritus*
 JOHN D. KOUCKY, Clinical Associate Professor
 HIRAM T. LANGSTON, Clinical Associate Professor
 STANLEY E. LAWTON, Clinical Associate Professor (Rush)
 WILL F. LYON, Clinical Associate Professor, *Emeritus*
 FOSTER L. McMILLAN, Clinical Associate Professor
 CLARENCE MONROE, Clinical Associate Professor (Rush)
 RUDOLPH J. E. ODEN, Associate Professor, *Emeritus*
 JOHN 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
 SIDNEY BLACK, Clinical Assistant Professor
 CHARLES D. BRANCH, Clinical Assistant Professor
 C. DAVID BROWN, Clinical Assistant Professor
 JAMES H. CROSS, Clinical Assistant Professor
 WILLIS G. DIFFENBAUGH, Clinical Assistant Professor
 WARD H. EASTMAN, Clinical Assistant Professor
 MELVIN I. GIBBEL, Clinical Assistant Professor
 RAYMOND GREEN, Clinical Assistant Professor
 RUSSELL C. HANSELMAN, Clinical Assistant Professor
 HARRY G. HARDT, JR., Clinical Assistant Professor
 ROBERT A. HESS, Clinical Assistant Professor
 CARL IRENEUS, JR., Clinical Assistant Professor
 BURTON C. KILBOURNE, Clinical 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
CARL Y. WERELIUS, Clinical Assistant Professor
JOHANNES L. KOPPEL, Research Associate
LEON J. WITKOWSKI, Clinical Associate
WALTER L. BARKER, Instructor²
ROBERT G. CANHAM, Clinical Instructor
JOSEPH P. CANNON, Clinical Instructor
NOBLE CORRELL, Clinical Instructor
GILBERT W. DOUGLAS, Clinical Instructor
JOHN W. FRISCH, Clinical Instructor (from July 1, 1958, through August 31, 1959)
VERNON L. GUYNN, Clinical Instructor
RONALD G. HALEY, Clinical Instructor
HOWARD M. HAMLIN, Clinical Instructor
IAN W. D. HENDERSON, Instructor²
JAMES A. HUNTER, Instructor (one year from July 1, 1958)¹
VERNON Z. HUTCHINGS, Clinical Instructor
ROBERT W. JAMIESON, Clinical Instructor
JOHANNES M. L. JENSEN, Clinical Instructor
ANDREW KIRSTEINS, Clinical Instructor
FRANCIS E. KNOCK, Instructor²
ALLAN M. LANSING, Instructor (one year from July 1, 1958)¹
MALCOLM R. LEWIS, Instructor (one year from July 1, 1958)¹
ROBERT O. LEWIS, Instructor²
WILLIAM E. LOOBY, Clinical Instructor
JOSEPH R. McANDREW, Instructor²
FRANK J. MILLOY, JR., Clinical Instructor
CHARLES J. MOCK, Clinical Instructor
HARRY E. MOCK, JR., Clinical Instructor
VINCENT P. MUENSTER, Instructor²
JOHN W. OTTEN, Clinical Instructor
JOHN C. PARROTT, Instructor²
GEORGE L. PASTNACK, Clinical Instructor
HAROLD A. PAUL, Instructor²
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, Instructor
THOMAS SELLETT, Clinical Instructor
WALTER F. SMEJKAL, Clinical Instructor
CARL K. SOLANDER, Clinical Instructor
FRANCIS W. STREHL, Instructor (one year from July 1, 1958)¹
MILTON WEINBERG, JR., Clinical Instructor
ROBERT B. WHITE, Clinical Instructor
SOL D. BRAVER, Clinical Assistant (from July 1, 1958, through August 31, 1959)
JACKSON E. CAGLE, JR., Assistant¹
HORTENSA DEARMAS, Assistant²
L. PENFIELD FABER, Assistant¹
GLENN W. FISCUS, Assistant¹
ANDRES GABEL, Assistant (one year from July 1, 1958)²
GORDON H. GLASSFORD, Assistant (one year from July 1, 1958)¹
KENNETH P. GROVES, Assistant (one year from July 1, 1958)²

HERBERT F. IKNAYAN, Assistant²

BERNLY E. JOHNSON, Clinical Assistant

CARL E. LORENTSON, Assistant¹

WILLIAM H. MARSHALL, Assistant¹

GEORGE A. McDERMOTT, Clinical Assistant

RANDALL E. McNALLY, Clinical Assistant (one year from July 1, 1958)

RICHARD H. MEYER, Assistant (on leave of absence for military service)²

EUDELL G. PAUL, Clinical Assistant

DAVID F. RENDELMAN, Assistant²

RICHARD C. SCHULTZ, Assistant (one year from July 1, 1958)¹

HORACE E. STANSEL, Assistant¹

E. WILSON STAUB, Assistant (one year from July 1, 1958)²

RICHARD A. TARIZZO, Assistant (one year from July 1, 1958)²

RICHARD S. WEBB, JR., Assistant (one year from July 1, 1958)¹

ARTHUR R. WILLIAMSON, Assistant¹

MICHAEL F. WITANOWSKI, Clinical Assistant

Division of Urology

WILLIAM J. BAKER, Clinical Professor

NORRIS J. HECKEL, Clinical Professor (Rush)

EDWARD BUCKMAN, Clinical Associate Professor (Rush), *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

WILLARD C. MEYER, Clinical Assistant Professor

FRANK B. PAPIERNIAK, Clinical Assistant Professor

COLQUITT O. RITCH, Clinical Assistant Professor

FREDERICK SCHACHT, Clinical Assistant Professor

EDWIN C. GRAF, Clinical Associate

JAMES A. CALAMS, Clinical Instructor

DANIEL H. CALLAHAN, Clinical Instructor

THOMAS L. C. COTTRELL, Clinical Instructor

ENGIN DENIZ, Instructor²

RAYMOND FIRFER, Clinical Instructor

R. ROSS HAEGER, Clinical Instructor

JAMES C. VALENTA, Clinical Instructor

WILLARD J. SMITH, Assistant (one year from July 1, 1958)¹

IBRAHIM T. SOZER, Assistant (one year from July 1, 1958)²

Division of Anesthesiology

PAUL W. SEARLES, Clinical Professor

MARY M. LYONS, Associate Professor (Rush), *Emerita*

JOHN E. CAWLEY, Clinical Assistant Professor

MYRON J. LEVIN, 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

GWEN GLEAVE, Clinical Instructor

EILEEN HECKEL, Clinical Instructor

DAVID KATZ, Clinical Instructor

DAVID G. NELSON, Clinical Instructor

JOHN NELSON, Clinical Instructor

STANKA K. PAPRIKOFF, Clinical Instructor

RAYMOND F. ROSE, Clinical Instructor

LESTER SCHWARTZ, Clinical Instructor

DIGBY G. SEYMOUR, Clinical Instructor

MAURICE M. TENNANT, Clinical Instructor

FRANCIS A. TORREY, Clinical Instructor

RASMA V. VITRINGS, Clinical Instructor

FLORY E. WAGENAAR, Clinical Instructor

HOWARD H. BERLIN, Assistant¹
 NORMA L. BOONE, Assistant (one year from July 1, 1958)¹
 SARA JANE BURCHELL, Assistant¹
 YONNHAE CHONG, Assistant
 JAKOB FASSBINDER, Assistant¹
 SHIGERU HATANO, Assistant¹
 FERNANDO R. HERRERA, Assistant²
 JOSEPH M. HNILO, Assistant¹
 MARGARET N. KEZDI, Clinical Assistant
 LYDIA KURLAK, Clinical Assistant
 PERRY LEE LERNER, Assistant¹
 JOSE MORALES, Assistant²
 TOMAS I. MUNOZ, Assistant²
 WILLIAM C. ROBERTSON, Assistant¹
 SAMUEL YELIN, Assistant (one year from July 1, 1958)²
 RAYMOND ZBICK, Assistant¹
 ROBERT T. HAZINSKI, Assistant¹

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

APPOINTMENT OF PROFESSOR JOSEPH S. BEGANDO AS ASSISTANT TO THE PRESIDENT

(29) I recommend the appointment of Dr. Joseph S. Begando, now Assistant Dean of the College of Pharmacy and Associate Professor of Pharmacy Administration, as Assistant to the President, effective September 1, 1958, at a salary of \$15,000 a year on "Y" basis.

Dr. Begando's academic tenure in the University will continue although he will have no teaching duties under this administrative assignment. As Assistant to the President, his duties will be to represent the President on specific assignments in institutional relations and to assist the President in development activities. He will represent the President in the continuing relationships with the University of Illinois Foundation and the University of Illinois Alumni Association, and in alumni affairs in general. He will work with the University Committee on Institutional Gifts and Development and the University Committee on Institutional Relations. He will assist the President in relationships with advisory committees, civic groups, and constituencies with which liaison must be maintained. He will work closely with faculty and administrative officers in these assignments.

There will be new undertakings in the new position but the appointment will also consolidate a number of assignments which heretofore have been carried directly by the President and other University officers who should be relieved of them.

The appointment will not change the relationship of the President to any present administrative officer.

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

CHANGES IN DEPOSITS REQUIRED AND FEE REFUNDS AT THE CHICAGO PROFESSIONAL COLLEGES

(30) Officials of the Chicago Professional Colleges and the Committee on Fees recommend the following deposit requirements and fee refund provisions at the Chicago Professional Colleges:

1. A deposit of \$60.00 shall be required from all students who are accepted for admission to the Colleges of Medicine and Dentistry within two weeks of the date of their notification of acceptance. (This represents an increase from \$15.00 to \$60.00 in these two schools. The deposit of \$15.00 now in force for the College of Pharmacy will remain, and, as at present, no deposit will be required of students accepted for the School of Nursing.)
2. Deposits received for admission to the Colleges of Dentistry, Medicine, and Pharmacy shall be refunded in full to students admitted to the Colleges of Medicine and Dentistry who request cancellation of admission by January 15 of the year of the applicant's registration in the University, and to students admitted to the College of Pharmacy who request cancellation of admission by September 1 of the year of the applicant's registration.
3. One-third of the deposit, or \$20.00, made by students in the Colleges of Medi-

- cine and Dentistry who request cancellation of admission by September 1 of the year in which they are to register shall be refunded.
4. Any deposit made shall be refunded in full if the University of Illinois cancels the student's admission.
 5. Upon completion of registration of a student in the Colleges of Medicine, Dentistry, or Pharmacy, the deposit on file shall be credited on the tuition and other fees due from the student.
 6. The refund provisions at the Chicago Professional Colleges shall be consistent with the refund practice at Urbana, providing for a full refund of fees if a student withdraws during the first ten days of a quarter, a refund of one-half of the fees if the student withdraws after ten days attendance but before one-half of the quarter has elapsed, and no refund if the student withdraws after one-half of the quarter's work has elapsed. This shall apply to all colleges and to the School of Nursing.

It is further recommended that these changes become effective in September, 1959.

I concur.

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

BUILDING PROGRAM FOR 1959-61

(31) State law requires that the University file with the Department of Finance, not later than November 1, estimates of income and of expenses from state appropriations for the biennium beginning the following July 1.

I submit herewith the proposed building program for the biennium of 1959-61. Recommendations for state appropriations for operations during the biennium of 1959-61 will be submitted to the Board at a later meeting.

The recommendations for state capital appropriations are based on a report of the University Building Program Committee and after consultation with the University Council. The Building Program Committee has made a thorough canvass of the University's building and related needs. It has been studying these needs in consultation with representatives of the colleges, schools, and departments concerned for several months and has made periodical reports and recommendations to the President of the University. The Committee's final recommendations have also been considered by the Board of Trustees Committees on Buildings and Grounds, General Policy, and Finance.

In order to reflect the comprehensive planning upon which the recommendations are based, I am also submitting for information purposes the Committee's tentative recommendations for 1961-63, and the estimate of building and other capital improvement needs within the total ten-year period from 1959-60.

I now recommend that the Board of Trustees formally approve the program for 1959-61 as submitted herewith for presentation to the Department of Finance, the Illinois Budgetary Commission, and to the officers and committees of the Seventy-first 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 presenting the program to state officials.

On motion of Mr. Williamson, these recommendations were approved and authority was given as requested. This action was taken by the following vote: Aye, Mr. Bissell, Mr. Hughes, Mr. Livingston, Mr. Nickell, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Stratton.

The building program appears as an appendix to these minutes, on pages 60 to 76.

OCTOBER MEETING OF THE BOARD

President Livingston asked the members of the Board their wishes for the date and place of the October meeting.

On motion of Mr. Nickell, seconded by Mr. Hughes, the Board voted to hold this meeting in Urbana, Illinois, on Friday, October 24.

After further discussion it appeared that this would not be feasible, and on motion of Mr. Nickell, the Board reconsidered its action.

On motion of Mr. Williamson, the Board voted to hold the October meeting on either October 21, 22, or 23, the time and place to be determined by the President and Secretary of the Board after consultation with the Trustees absent from today's meeting and with University officials.

MEETING OF ASSOCIATION OF GOVERNING BOARDS OF STATE UNIVERSITIES AND ALLIED INSTITUTIONS

President Livingston called attention to the 1958 meeting of the Association of Governing Boards of State Universities and Allied Institutions which will be held at Purdue University, October 15 through 18, and ask if any members of the Board desire to attend as official delegates of the University. After some discussion, President Livingston designated Mrs. Frances B. Watkins, Mr. Earl M. Hughes, and the Secretary of the Board as official delegates, and the Secretary was authorized to make the necessary arrangements for their representation.

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 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, JACK A., Associate Professor of Psychology, June 16-August 31, 1958, \$933.33 a month; this is in addition to his present appointment (6-30-58).

ADOLPH, ROBERT J., Instructor in Medicine (Medicine), two months from July 1, 1958, \$583.33 a month (7-9-58); one year from September 1, 1958, \$8000 (7-9-58).

ALEXANDER, ELEANOR O., Resident Assistant (Allen Hall), ten months from August 18, 1958, \$1600; she will also receive board and room furnished for the convenience of the University valued at \$31 a month (7-8-58).

ALLDRITT, KEITH, Instructor in English, academic year beginning September 1, 1958, \$4800 (6-27-58).

ANDERSON, ALAN J., Research Associate in Preventive Medicine (Medicine), seven months from June 1, 1958, \$670 a month, supersedes (6-27-58).

ANDERSON, JOHN D., Associate Professor of Physiology, June 16-August 9, 1958, \$1556; this is in addition to his present appointment (6-16-58).

ANDERSON, WILLIAM E., Research Assistant in the Institute of Labor and Industrial Relations, two months from June 16, 1958, \$800 (7-7-58).

ARBENZ, MARY H., Instructor in Speech, $\frac{3}{4}$ time, academic year beginning September 1, 1958, \$4163 (7-2-58).

ARCHER, JANE B., Assistant in Speech, nine months from September 16, 1958, \$3600 (6-16-58).

ARMSTRONG, JACK L., Assistant in Horticulture (S), June 16-August 31, 1958, \$400 a month (6-27-58).

ASCHBACHER, HELEN M., Assistant in English, Summer Session of 1958, June 16-August 9, 1958, \$1045 (6-25-58).

ATTEBERY, KATHERINE, Assistant Head Resident in Lincoln Avenue Residence (South), ten months from September 1, 1958, \$3500; for the convenience of the University she will also be furnished meals valued at \$21 a month (6-6-58).

ATTERBURY, ROBERT A., Director of Hospital Dental Clinic, on $\frac{1}{2}$ time, \$1050 a year; Assistant Professor of Surgery (Medicine), without salary, and Assistant Professor of Clinical Dentistry (Dentistry), without salary, March 1,

- 1958-August 31, 1959; on leave of absence without salary beginning March 1, 1958, and continuing through August 31, 1959; supersedes (5-14-58).
- BARATZ, ROBERT A., Research Assistant in Radiology (Medicine), June 16-August 31, 1958, \$500 a month (6-4-58).
- BARKER, ROBERT, Instructor in Biochemistry, Summer Session of 1958, June 16-August 9, 1958, \$1223 (6-16-58).
- BARNES, FRED P., Professor of Education, June 16-August 9, 1958, \$2136; this is in addition to his present appointment (6-16-58).
- BARTRAM, HARLAN G. H., Visiting Lecturer in Education (University High School), June 16-August 9, 1958, \$1500 (6-6-58).
- BATEMAN, PAUL T., Associate Professor of Mathematics, two months from June 16, 1958, \$861.11 a month; this is in addition to his present appointment (7-3-58).
- BATES, ROBERT B., Instructor in Organic Chemistry, academic year beginning September 1, 1958, \$5500 (6-16-58).
- BAUM, BARBARA I., Research Assistant in Education (University High School), June 16-August 9, 1958, \$889 (6-5-58); nine months from September 16, 1958, \$4250 (7-14-58).
- BEBERMAN, MAX, Associate Professor of Education (University High School), June 16-July 18, 1958, and August 18-September 5, 1958, \$1733.33; this is in addition to his present appointment (6-5-58).
- BECK, PAUL A., Research Professor of Physical Metallurgy (C), two months from June 16, 1958, \$1300 a month; this is in addition to his present appointment (6-16-58).
- BECK, RICHARD J., Instructor in General Engineering (C), $\frac{1}{2}$ time, academic year beginning September 1, 1958, \$2300, supersedes (6-16-58).
- BECKER, ROBERT A., Professor of Physics, Summer Session of 1958, June 16-August 9, 1958, \$2134 (6-6-58).
- BEDFORD, RANGIAH E., Visiting Assistant Professor of Electrical Engineering, Summer Session of 1958, June 16-August 9, 1958, \$1245, supersedes (6-6-58).
- BESSINGER, HERBERT E., Clinical Instructor in Medicine (Medicine), July 1, 1958-August 31, 1959, without salary, supersedes (7-9-58).
- BEVAN, MARGARET M., Head Resident in Lincoln Avenue Residence (South), ten months from September 1, 1958, \$3900; for the convenience of the University she will be furnished board and room valued at \$31 while on duty (7-11-58).
- BIENIARZ, JOZEF, Research Associate in Anatomy (Medicine), two months from July 1, 1958, \$500 a month (6-27-58).
- BITZER, DONALD L., Research Associate in the Control Systems Laboratory (S), June 16-August 31, 1958, \$575 a month, supersedes (6-16-58).
- BLACKMER, ROY H., JR., Research Associate in the State Water Survey, one year from July 1, 1958, \$8100 (6-16-58).
- BLAHOUS, CHARLES P., JR., Research Assistant in Ceramic Engineering (S), two months from July 1, 1958, \$400 a month (6-11-58).
- BLISS, LAWRENCE C., Instructor in Botany, two months from June 16, 1958, \$600 a month (7-3-58).
- BOBOTEK, HENRY G., Research Associate in the Control Systems Laboratory (S), $\frac{3}{4}$ time, June 16-August 31, 1958, \$375 a month, supersedes (6-16-58).
- BOHL, ROBERT W., Associate Professor of Metallurgical Engineering (C), two months from June 16, 1958, \$844.44 a month; this is in addition to his present appointment (6-16-58).
- BOLIN, RICHARD, Instructor in Psychiatry (Medicine), $\frac{1}{2}$ time, July 1, 1958-August 31, 1959, \$5000 a year (7-2-58).
- BORESI, ARTHUR P., Associate Professor of Theoretical and Applied Mechanics (C), two months from June 16, 1958, \$1644.44; this is in addition to his present appointment (6-6-58).
- BOSDELL, BETTY J., Instructor in Education, Summer Session of 1958, $\frac{1}{2}$ time, June 16-August 9, 1958, \$500 (6-30-58).
- BOWER, OLIVER K., Assistant Professor of Mathematics, Summer Session of 1958, June 16-August 9, 1958, \$1378 (6-26-58).
- BOYD, HERBERT F., Research Associate in the Institute for Research on Exceptional Children, $\frac{1}{2}$ time, June 16-August 9, 1958, \$750; this is in addition to his present appointment (7-7-58).
- BRAUN, MARJORIE E., Assistant in Veterinary Pathology and Hygiene (College of

- Veterinary Medicine) and in Veterinary Research (Agricultural Experiment Station), June 9-August 31, 1958, \$366.67 a month, supersedes (6-16-58).
- BREED, VIRGINIA A., Instructor in Audiology (Medicine), one year from September 1, 1958, \$5250; for her convenience she will be furnished one meal a day valued at \$120 a year while on duty (7-11-58).
- BRISCOE, JOHN W., Professor of Civil Engineering and Assistant Head of the Department (C), August 16-August 31, 1958, \$472.22; this is in addition to his present appointment (7-9-58).
- BROWN, THOMAS H., Research Associate in Chemistry, one year from September 1, 1958, \$5400 (6-30-58).
- BRUCE, ANNA K., Research Associate in Education (University High School), June 16-August 31, 1958, \$1500 (6-10-58).
- BUCHMAN, AUDREY, Research Assistant in the Institute for Research on Exceptional Children, June 16-August 9, 1958, \$800 (7-2-58); one year from September 1, 1958, \$4800 (7-8-58).
- BURROWS, PATRICIA J., Instructor in Occupational Therapy (Medicine), July 5-August 31, 1958, \$447.50 a month (7-2-58).
- CANINO, ANTHONY J., Assistant in Physical Education for Men (Chicago Undergraduate Division), nine months from September 16, 1958, \$4000, in addition to \$400 he will receive from the Student Athletic Activities (6-16-58).
- CARREL, ROBERT L., Research Assistant in Electrical Engineering (C), one year from September 1, 1958, \$5700 (6-25-58).
- CARROLL, JOHN R., Associate Professor of Mechanical Engineering (C), $\frac{3}{4}$ time, one year from September 1, 1958, to render service during the academic year, \$4800 (7-11-58).
- CASTALDI, BASIL, Assistant Professor of Education (Bureau of Educational Research), $\frac{1}{2}$ time, June 16-August 9, 1958, \$856; this is in addition to his $\frac{1}{2}$ time Summer Session appointment (7-11-58).
- CATTELL, RAYMOND B., Research Professor of Psychology, two months from June 16, 1958, \$1277.77 a month; this is in addition to his present appointment (6-16-58).
- CHAO, BEI TSE, Professor of Mechanical Engineering (C), two months from June 16, 1958, \$2000; this is in addition to his present appointment (6-6-58).
- CHASE, JAMES S., Visiting Lecturer in Social Sciences (Chicago Undergraduate Division), $\frac{1}{2}$ time, Summer Session of 1958, June 20-August 16, 1958, \$456 (6-10-58).
- CHASE, SAMUEL B., III, Instructor in Economics, Summer Session of 1958, June 30-July 26, 1958, \$667 (7-8-58).
- CERRY, JOE H., Assistant in Agronomy (S), three months from June 1, 1958, \$366.66 a month, supersedes; and for one year from September 1, 1958, \$4400 (6-16-58).
- CHICUREL, ENRIQUE, Instructor in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, academic year beginning September 1, 1958, \$2500 (6-16-58).
- CHOW, WEN-LUNG, Assistant Professor of Mechanical Engineering, Summer Session of 1958, $\frac{1}{2}$ time, June 16-August 9, 1958, \$689 (6-26-58).
- CLARK, JOHN M., JR., Instructor in Biochemistry, two months from June 16, 1958, \$1222.23; and for the academic year beginning September 1, 1958, \$5700 (6-16-58).
- COBB, ARNOLD C., Professor of Theoretical and Applied Mechanics (Chicago Undergraduate Division), Summer Session of 1958, June 20-August 16, 1958, \$1867 (6-10-58).
- COLLINS, LORENCE G., Instructor in Physical Science (Division of General Studies), academic year beginning September 1, 1958, \$4700 (6-16-58).
- CONNELL, BARBARA, Assistant to the Dean of Women, one month from July 1, 1958, \$400 (6-16-58).
- COWIN, JOHN W., Instructor in Physical Sciences (Chicago Undergraduate Division), Summer Session of 1958, June 23-August 14, 1958, \$1245 (7-7-58).
- CRABB, ROBERT L., Assistant in Economics (Chicago Undergraduate Division), nine months from September 16, 1958, \$3800 (7-11-58).
- CRADDOCK, JOHN R., Assistant in Education, Summer Session of 1958, June 16-July 12, 1958, \$556 (6-30-58).
- CRANE, E. B., Visiting Lecturer in Music, Summer Session of 1958, June 15-July 19, 1958, \$375 (6-16-58).

- CRANK, FLOYD L., Assistant Professor of Education, Summer Session of 1958, and Graduate College, June 16-August 9, 1958, \$1400, supersedes previous Summer Session appointment (7-2-58).
- CRAWFORD, JAMES E., Assistant Manager and Head Resident, Men's Residence Halls, June 15, 1958-August 31, 1959, \$3600 a year; for the convenience of the University he will also receive board and room valued at \$376 a year (7-9-58).
- CUNNINGHAM, MERCE, Dancer-in-Residence in Physical Education for Women, four months from December 1, 1958, \$500 a month (7-8-58).
- DAMARIN, FRED L., JR., Research Associate in Psychology, one year from September 1, 1958, \$5600 (6-16-58).
- DE COURCY, KIMBERLY J. H., Instructor in Mechanical Engineering (C), June 16-August 31, 1958, \$1388.87; this is in addition to his present appointment (6-6-58).
- DEMOSSE, RALPH D., Associate Professor of Bacteriology, two months from June 16, 1958, \$944.44 a month; this is in addition to his present appointment (6-6-58).
- DIAL, JEANNE, Research Assistant in Physiology, two months from June 16, 1958, \$400 a month (6-16-58).
- DICK, BERTRAM G., JR., Instructor in Physics, Summer Session of 1958, June 16-August 9, 1958, \$1200, supersedes previous Summer Session appointment (6-6-58).
- DICKMAN, KERN W., Research Assistant in the Digital Computer Laboratory, one year from September 1, 1958, \$7000 (7-2-58).
- DOANE, BENNIE B., Assistant in Animal Science (C) $\frac{1}{2}$ time, and (S) $\frac{1}{2}$ time, eleven months from October 1, 1958, \$4800 a year (7-17-58).
- DODDS, RAYMOND S., Visiting Research Associate in Political Science, nine months from September 16, 1958, \$4500 (7-2-58).
- DOLAN, THOMAS J., Professor of Theoretical and Applied Mechanics and Head of the Department (C), $\frac{1}{2}$ time, two months from July 1, 1958, \$861 a month; this is in addition to his present appointment (6-16-58).
- DORENKAMP, JOHN, Assistant in English, nine months from September 16, 1958, \$3600 (6-27-58).
- DRAKE, JOHN W., Research Associate in Bacteriology, nine months from October 1, 1958, \$7000 a year (6-25-58).
- DUE, JOHN F., Professor of Economics, Summer Session of 1958, June 16-June 28, 1958 and July 28-August 9, 1958, \$1223, supersedes previous Summer Session appointment (7-8-58).
- DUNCAN, ESTHER, Counselor in Music, Summer Session of 1958, June 12-July 20, 1958, \$450; for the convenience of the University she will also be furnished room and board while on duty (6-25-58).
- EARNST, FLOYD J., Assistant in the Institute of Aviation, June 16-August 9, 1958, \$950 (6-25-58).
- ECKEL, EARL J., Professor of Metallurgical Engineering (C), two months from June 16, 1958, \$988.89 a month; this is in addition to his present appointment (6-16-58).
- EHRMAN, JOHN R., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1958, \$400 a month (6-10-58).
- EKSTROM, JOHN W., Instructor in Art, academic year beginning September 1, 1958, \$5000 (6-27-58).
- EL-ISSA, SA'D I., Clinical Assistant in Surgery (Medicine), July 1, 1958-August 31, 1959, without salary, supersedes (6-25-58).
- ELKIN, STANLEY, Assistant in English, nine months from September 16, 1958, \$3800 (6-27-58).
- ENDLER, NORMAN S., Clinical Counselor in the Student Counseling Service, June 16-August 31, 1958, \$416.67 a month (6-25-58).
- EPSTEIN, JEREMIAH F., Research Associate in Anthropology, two months from July 1, 1958, \$447.50 a month (7-8-58).
- ERASMUS, CHARLES J., Research Associate in Anthropology, two months from July 1, 1958, \$555.55 a month (6-16-58).
- ERIKSEN, CHARLES W., Associate Professor of Psychology, two months from June 16, 1958, \$866.66 a month; this is in addition to his present appointment (6-6-58).
- FALK, WERNER D., Visiting Lecturer in Philosophy, second semester of the academic year, 1958-59, February 1-June 15, 1959, \$5100 (7-2-58).

- FARON, LOUIS C., Research Associate in Anthropology, two months from July 1, 1958, \$555.55 a month (6-16-58).
- FARRAR, NORMA, Head Resident in Allen Hall (South), ten months from September 1, 1958, \$4000; for the convenience of the University she will also be furnished room and board valued at \$31 a month (6-6-58).
- FELLOWS, JULIAN R., Professor of Mechanical Engineering, Summer Session of 1958, $\frac{3}{4}$ time, June 16-August 9, 1958, \$1482 (6-27-58).
- FERRETTI, ALDO, Research Associate in Chemistry, one year from September 1, 1958, \$5700 (7-8-58).
- FIEDLER, FRED E., Associate Professor of Psychology, July 25-August 31, 1958, \$855.55 a month; this is in addition to his present appointment (6-6-58).
- FLEMING, GEORGE, Clinical Instructor in Dermatology (Medicine), July 1, 1958-August 31, 1959, without salary (7-9-58).
- FLEMING, ROBBEN W., Director of the Institute of Labor and Industrial Relations, $\frac{1}{4}$ time, June 16-August 15, 1958, \$375 a month; this is in addition to his appointment as Professor of Law (6-16-58).
- FLORES, SAMSON S., Assistant Professor of Full and Removable Partial Dentures, $\frac{3}{4}$ time, and in Postgraduate Studies, $\frac{1}{4}$ time (Dentistry), June 21-August 31, 1958, \$616.67 a month, supersedes (6-26-58).
- FOOTE, BRUCE R., Professor of Music, Summer Session of 1958, June 16-August 9, 1958, \$2178, supersedes previous Summer Session appointment (6-25-58).
- FOSDICK, LLOYD D., Research Assistant Professor of Physics, Digital Computer Laboratory, $\frac{1}{2}$ time, two months from June 16, 1958, \$666.66; this is in addition to his present appointment (6-4-58).
- FRASER, DOROTHY K., Research Associate in Bacteriology, one year from July 1, 1958, \$6000 (6-16-58).
- FRENCH, JAMES L., Instructor in Mechanical Engineering, Summer Session of 1958, June 16-August 9, 1958, \$1112 (6-27-58).
- FRIEND, JAMES, Assistant in English (Chicago Undergraduate Division), nine months from September 16, 1958, \$4300 (7-11-58).
- GALANOS, DEMETRIOS S., Research Associate in Chemistry, one year from September 1, 1958, \$5600 (7-2-58).
- GANTZ, RALPH L., Instructor in Agronomy, 55/100 time, and Crop Extension Specialist, 45/100 time (E), June 16, 1958-August 31, 1959, \$6000 a year (6-25-58).
- GARDNER, WILLIAM, Assistant in English, nine months from September 16, 1958, \$3600 (6-27-58).
- GARRIGAN, DONALD S., Assistant in Animal Science (C and S), July 1, 1958-August 31, 1959, \$5200 a year (6-25-58).
- GASS, WILLIAM H., Visiting Lecturer in English and Philosophy, academic year beginning September 1, 1958, \$6000 (7-9-58).
- GECHT, MARTIN L., Clinical Assistant in Dermatology (Medicine), August 1, 1958-August 31, 1959, without salary (6-10-58).
- GILMORE, THOMAS, Assistant in English, nine months from September 16, 1958, \$3600 (6-27-58).
- GITTER, ALMUT, Assistant in Agronomy (S), two months from June 16, 1958, \$366.66 a month (7-3-58).
- GLADISH, DAVID, Assistant in English, nine months from September 16, 1958, \$4000 (6-27-58).
- GLASER, DANIEL, Associate Professor of Sociology (Graduate College), two months from June 16, 1958, \$777.78 a month; this is in addition to his present appointment (6-16-58); and (College of Liberal Arts and Sciences and Graduate College) one year from September 1, 1958, \$7600; and Associate Professor of Sociology, indefinite tenure from September 1, 1959, to render service during each academic year, \$7600 a year (6-30-58).
- GLASSMAN, SIDNEY F., Assistant Professor of Biological Science (Chicago Undergraduate Division), Summer Session of 1958, June 20-August 15, 1958, \$1423 (7-14-58).
- GOLDBERG, JOSE, Research Associate in Physics (C), three months from June 10, 1958, \$900 a month (6-4-58).
- GREENBERG, MICHAEL J., Instructor in Zoology, academic year beginning September 1, 1958, \$5500 (7-2-58).

- GRICE, G. ROBERT, Professor of Psychology, two months from June 16, 1958, \$1000 a month; this is in addition to his present appointment (6-6-58).
- GUPPY, WILLIAM A., Intern in the Student Counseling Service (Chicago Undergraduate Division), seven months from July 1, 1958, \$400 a month (7-3-58).
- GYERMEK, LASZLO, Assistant Professor of Pharmacology (Medicine), two months from July 1, 1958, \$733 a month (6-25-58).
- HAKE, HAROLD W., Associate Professor of Psychology, two months from June 16, 1958, \$866.66 a month; this is in addition to his present appointment (6-6-58).
- HALE, WILLIAM T., Assistant in Education (University High School), July 12-September 5, 1958, \$1067 (6-5-58).
- HALL, JAPHETH, JR., Research Associate in Education (University High School), August 16-August 31, 1958, \$280; and Visiting Research Associate in Education (University High School), $\frac{1}{2}$ time, nine months from September 16, 1958, \$2500 (6-18-58).
- HAMP, LEROY R., Associate Professor of Music, Summer Session of 1958, $\frac{3}{4}$ time, June 16-August 9, 1958, \$1175, supersedes previous Summer Session appointment (6-25-58).
- HANG, DANIEL F., Associate Professor of Electrical Engineering (C), two months from June 16, 1958, \$1611.10; this is in addition to his present appointment (6-6-58).
- HANNI, JOHN W., Clinical Assistant Professor of Psychiatry (Medicine), two months from July 1, 1958, without salary, supersedes (6-27-58).
- HARROD, JOHN P., JR., Clinical Assistant Professor of Obstetrics and Gynecology (Medicine), July 15-August 31, 1958, without salary (7-11-58).
- HAY, RALPH C., Professor of Agricultural Engineering (C), two months from July 1, 1958, \$925 a month, supersedes (7-3-58); Professor of Agricultural Engineering (C), and Coordinator of the International Cooperation Programs, indefinite tenure from September 1, 1958, \$11,100 a year (7-3-58).
- HEATER, NANCY L., Architecture Library Assistant, one year from September 1, 1958, \$4500 (7-8-58).
- HENKEL, DAVID J., Visiting Lecturer in Civil Engineering, Summer Session on $\frac{3}{10}$ time, \$300, and in the Engineering Experiment Station on $\frac{2}{10}$ time, \$200, two months from June 16, 1958 (6-16-58).
- HERR, FERENC, Assistant Professor of Pharmacology (Medicine), two months from July 1, 1958, \$800 a month (6-25-58).
- HILL, JEAN, Assistant to the Dean of Women, one month from August 1, 1958, \$400 (6-6-58).
- HILSDORF, HUBERT, Research Assistant in Theoretical and Applied Mechanics (C), one year from September 1, 1958, \$6000 (6-27-58).
- HOFFMAN, JARRETT D., Research Assistant in Agricultural Entomology (Agricultural Experiment Station and State Natural History Survey), June 9-August 31, 1958, \$1011.33 (6-25-58).
- HOTT, P. B., Counselor in Music, Summer Session of 1958, June 12-July 20, 1958, \$225; for the convenience of the University he will also be furnished room and board while on duty (6-25-58).
- HOVDE, HELEN J., Instructor in Speech (Chicago Undergraduate Division), $\frac{5}{8}$ time, Summer Session of 1958, June 20-August 16, 1958, \$1112 (6-16-58).
- HUBER, EDWARD A., Research Associate in the Control Systems Laboratory (S), June 16-August 31, 1958, \$580 a month, supersedes (6-4-58).
- HUGHES, SUSAN A., Resident Assistant in Allen Hall, ten months from August 18, 1958, \$1600; she will also be furnished room and board for the convenience of the University valued at \$31 a month (7-8-58).
- HUGHES, W. M., Counselor in Music, Summer Session of 1958, June 13-July 21, 1958, \$275 (6-25-58).
- HULL, WILLIAM L., Professor of Mechanical Engineering, Summer Session of 1958, June 16-August 9, 1958, \$2045, supersedes previous Summer Session appointment (6-27-58).
- HUNT, J. McVICKER, Professor of Psychology, one month from June 16, 1958, \$1444.44; this is in addition to his present appointment (6-6-58).
- HUNTER, GEORGE H., Assistant Professor of Music, Summer Session of 1958, June 16-August 9, 1958, \$1556, supersedes previous Summer Session appointment (6-25-58).

- IBEN, ICKO, JR., Instructor in Physics, Summer Session of 1958, June 16-August 9, 1958, \$1000 (6-6-58).
- IHRIG, HARRY K., JR., Lecturer in Mechanical Engineering (C), $\frac{1}{4}$ time, academic year beginning September 1, 1958, \$1500 (6-16-58).
- JACKSON, WILLIAM V., Associate Professor of Library Science, indefinite tenure from September 1, 1958, to render service during each academic year, \$8500 a year (6-27-58).
- JAIN, SURESH C., Research Associate in Physics (C), June 1-July 15, 1958, \$900 (6-4-58).
- JAMNIK, DARKO, Research Associate in Physics (C), one year from September 1, 1958, \$6000 (6-27-58).
- JOHNSON, WILLIAM H., Assistant Professor of Animal Science (S), two months from July 1, 1958, \$700 a month; this is in addition to his present appointment (6-4-58).
- JONES, LOUISE G., Assistant Editor, with rank of Assistant (Agricultural Experiment Station), July 1, 1958-August 31, 1959, \$5000 a year (6-27-58).
- KAHN, HERBERT, Research Associate in Clinical Science (Medicine), three months from June 1, 1958, without salary (6-25-58).
- KAIHARA, YASUTO, Catalog Assistant in the Library, one year from September 1, 1958, \$4900 (7-8-58).
- KAISER, DALE E., Assistant in Education (University High School), June 16-August 9, 1958, \$889 (6-5-58).
- KAPPAUF, WILLIAM E., Professor of Psychology, one month from June 16, 1958, \$1133.33; this is in addition to his present appointment (6-6-58).
- KARMEIER, DELBERT F., Visiting Research Associate in Civil Engineering (S), nine months from September 16, 1958, \$4725 (6-4-58).
- KAVINA, GEORGE, Visiting Lecturer in Education, Summer Session of 1958, June 16-August 9, 1958, \$1300 (6-16-58).
- KEEN, MARIA, Assistant in English, Summer Session of 1958, June 16-August 9, 1958, \$823 (6-6-58).
- KEENAN, DOROTHY, Assistant in Education (Summer Session of 1958 and Graduate College), June 16-August 9, 1958, \$750, supersedes previous Summer Session appointment (6-30-58).
- KEMMERER, HARLEIGH R., Instructor in Horticulture (College of Agriculture, Extension Service in Agriculture and Home Economics, and Physical Plant), one year from July 1, 1958, \$7700 (6-27-58).
- KENDEIGH, S. CHARLES, Professor of Zoology, one month from June 16, 1958, \$1066.67; this is in addition to his present appointment (6-16-58).
- KLAPPERICH, ALFRED J., Assistant Professor of Electrical Engineering (Chicago Undergraduate Division), Summer Session of 1958, June 23-August 15, 1958, \$1400 (7-7-58).
- KOCH, CHARLES W., Visiting Lecturer in Library Science, Summer Session of 1958, June 16-August 9, 1958, \$850 (6-25-58).
- KOKATNUR, MOHAN, Assistant in Food Technology (S), June 16-August 31, 1958, \$366.66 a month, supersedes (6-6-58).
- KONZO, SEICHI, Professor of Mechanical Engineering (C), $\frac{1}{3}$ time, two months from June 16, 1958, \$777.78; this is in addition to his present appointment (6-16-58).
- KORST, HELMUT H., Professor of Mechanical Engineering, Summer Session of 1958, $\frac{1}{4}$ time, June 16-August 9, 1958, \$667 (7-8-58).
- KOS, EDWARD S., Instructor in Microbiology (Medicine), one month from August 1, 1958, \$6040 a year, and one year from September 1, 1958, \$6400 (7-11-58).
- KRAMER, JOSEPH D., Assistant in Biology (Pharmacy), June 30-September 20, 1958, \$600 (7-2-58).
- LANGEBARTEL, RAY G., Research Assistant Professor of Chemistry, two months from June 16, 1958, \$744.44 a month; this is in addition to his present appointment (6-16-58).
- LARSON, DONALD A., Assistant in Botany, nine months from September 16, 1958, \$3600 (6-27-58).
- LEDBETTER, KENNETH, Assistant in English, nine months from September 16, 1958, \$3600 (6-27-58).
- LEE, H. J., Visiting Lecturer in Music, Summer Session of 1958, June 12-July

- 23, 1958, \$600; for the convenience of the University he will also be furnished room and board, supersedes (6-16-58).
- LEICHNER, GENE H., Research Assistant in the Digital Computer Laboratory, two months from July 1, 1958, \$533.33 a month (6-26-58); and Assistant Professor of Electrical Engineering (C), $\frac{1}{2}$ time, academic year beginning September 1, 1958, \$3500 (6-27-58).
- LEIN, MARIE E., Assistant Professor of Humanities (Chicago Undergraduate Division), Summer Session of 1958, June 23-August 15, 1958, \$1467, supersedes previous Summer Session appointment (7-7-58).
- LEPPERT, ELLA, Associate Professor of Education, June 16-July 25, 1958, \$1192 (7-2-58).
- LEWIS, G. D., Visiting Lecturer in History, Summer Session of 1958, June 16-August 9, 1958, \$1400 (6-6-58).
- LIAY, LOUIS D., Head Resident and Assistant Manager in the Men's Residence Halls, June 1, 1958-August 31, 1959, \$300 a month; for the convenience of the University he will also be furnished room and board valued at \$376 a year (6-16-58).
- LICHTENBERGER, WILLIAM W., Research Associate in the Control Systems Laboratory (S), June 16-August 31, 1958, \$570.83 a month, supersedes (6-27-58).
- LICHTER, EDWARD A., Research Assistant in Medicine (Medicine), June 16, 1958-June 30, 1959, \$4400 a year (6-16-58).
- LIEBERMAN, DAVID S., Associate Professor of Metallurgical Engineering (C), two months from June 16, 1958, \$816.67 a month; this is in addition to his present appointment (6-16-58).
- LIMA, ANDRE E., Clinical Assistant in Surgery (Medicine), two months from July 1, 1958, without salary, supersedes (6-25-58).
- LITVAK, RUTH M., Instructor in Anatomy (Medicine), academic year beginning September 1, 1958, \$6600 (7-2-58).
- LOESCH, JOHN, Assistant Professor of Psychiatry (Medicine), one year from July 1, 1958, \$10,000 (7-2-58).
- LOOMIS, F. WHEELER, Director of the Control Systems Laboratory (S), June 16-June 30, 1958, and August 1-September 15, 1958, \$2044.44 a month (6-16-58).
- LOTHIAN, THOMAS A., Assistant in Physical Sciences (Chicago Undergraduate Division), Summer Session of 1958, June 23-August 15, 1958, \$978 (7-8-58).
- LUKAS, GAZE E., Professor in the Bureau of Business Management, two months from June 16, 1958, \$1044.45 a month; this is in addition to his present appointment (6-16-58).
- LURIA, SALVADOR E., Professor of Bacteriology, two months from June 16, 1958, \$1422.22 a month; this is in addition to his present appointment (6-5-58).
- LYCHYK, NEONILA, Assistant in the Division of Anesthesiology, Department of Surgery (Medicine), July 1, 1958-June 30, 1959, without salary (7-11-58).
- LYNN, KENNETH R., Research Associate in Chemistry, one year from October 1, 1958, \$5700 (6-30-58).
- MARTIN, CLIFFORD K., Assistant in Agronomy (S), June 9-September 15, 1958, \$383.33 a month, supersedes (6-25-58).
- MARWAH, AMARJIT S., Research Associate in Oral Pathology (Dentistry), June 9, 1958-May 31, 1959, \$6000 a year (6-25-58).
- MASTERSON, JOHN, Assistant in English, nine months from September 16, 1958, \$3800, supersedes (7-8-58).
- MAYEDA, WATARU, Research Assistant Professor of Electrical Engineering (C), three months from June 1, 1958, \$708.33 a month, supersedes; and one year from September 1, 1958, \$8500 (6-27-58).
- MCALKESE, DESMOND M., Research Assistant in Animal Science (S), one year from September 1, 1958, \$5000 (6-16-58).
- McFARLAND, NORMAN T., Instructor in Art, academic year beginning September 1, 1958, \$6500 (6-27-58).
- MCGINLEY, CHARLES T., Research Assistant in the Small Homes Council, June 9-July 13, 1958, \$450 a month (7-2-58).
- McMULLEN, ALLISTER, Visiting Lecturer in Education (University High School), ten months from August 16, 1958, \$4222 (6-16-58).
- MEINHARD, RICHARD J., Assistant in Education (University High School), June 16-August 9, 1958, \$1000 (6-5-58).

- METZGER, MARVIN, Associate Professor of Physical Metallurgy (C), two months from June 16, 1958, \$816.67 a month; this is in addition to his present appointment (6-16-58).
- MEUX, MILTON O., Research Associate in the Bureau of Educational Research, one year from September 1, 1958, \$6000 (6-16-58).
- MEYER, ESTHER, Associate Professor of Microbiology (Medicine), $\frac{4}{5}$ time, July 1-August 9, 1958, \$851.66; this is in addition to her present appointment (7-9-58).
- MOOS, CARL, Instructor in Physiology (Medicine), one year from September 1, 1958, \$7000 (7-9-58).
- MOWRER, MRS. WILLIE, Visiting Lecturer in Home Economics, Summer Session of 1958, June 16-August 9, 1958, \$1245 (6-25-58).
- MUELLER, EUGENE A., Research Associate in the State Water Survey, one year from July 1, 1958, \$8400 (6-16-58).
- MYERS, DONALD E., Assistant in Mathematics, Summer Session of 1958, June 16-August 9, 1958, \$800 (6-26-58).
- MYERS, WALTER L., Instructor in Veterinary Pathology and Hygiene (College of Veterinary Medicine) and in Veterinary Research (Agricultural Experiment Station), $\frac{3}{4}$ time, one year from July 1, 1958, \$4500 (7-11-58).
- NELSON, JAMES A., Instructor in Ceramic Engineering (S), two months from July 1, 1958, \$833.33 a month (7-3-58).
- NENADOVICH, LUBITSA, Assistant in English, Summer Session of 1958, June 16-August 9, 1958, \$845 (6-6-58).
- NISHI, SYOGORO, Research Associate in Psychiatry (Medicine), one year from September 1, 1958, \$5500 (7-9-58).
- NONA, DANIEL A., Apprentice Pharmacist in Hospital Pharmacy (Pharmacy), June 23, 1958-August 31, 1959, \$4800 a year (6-25-58).
- NOON, ZENAS B., Research Assistant in Agricultural Entomology (Agricultural Experiment Station and State Natural History Survey), June 16-August 31, 1958, \$925 (7-8-58).
- OHMURA, TAKAO, Research Associate in Agronomy (Graduate College and Agricultural Experiment Station), one year from July 1, 1958, \$5400 (6-25-58).
- O'KELLY, LAWRENCE L., Professor of Psychology, two months from June 16, 1958, \$1166.66 a month; this is in addition to his present appointment (6-16-58).
- PAISLEY, NANCY S., Research Assistant in Chemistry, two months from June 16, 1958, \$400 a month (7-9-58).
- PARK, ELDON E., Assistant Dean of Men, one year from September 1, 1958, \$4400 (7-2-58).
- PARKER, NORMAN A., Professor of Mechanical Engineering and Head of the Department (C), two months from June 16, 1958, \$3778; this is in addition to his present appointment (6-25-58).
- PARTHASARATHY, GRACE M., Research Assistant in Pathology (Medicine), two months from July 1, 1958, without salary (7-11-58).
- PAUL, JOY C., Research Associate in Pharmacology (Medicine), 65/100 time, June 11-December 31, 1958, \$300 a month (6-25-58).
- PEACOCK, R. N., Research Associate in Physics (C), one year from September 1, 1958, \$6000 (6-27-58).
- PEARSON, ERWIN W., Research Assistant in the State Natural History Survey, July 15, 1958-August 31, 1959, \$5500 a year (7-9-58).
- PEET, LOUISE J., Visiting Lecturer in Home Economics, Summer Session of 1958, June 16-July 12, 1958, \$934 (6-6-58).
- PELEKODAS, LOIS M., Research Assistant in the Institute of Government and Public Affairs, two months from June 23, 1958, \$400 a month (6-10-58).
- PERLMAN, RAYMOND, Associate Professor of Art, Summer Session of 1958, June 16-August 9, 1958, \$1556 (6-16-58).
- PERRINO, D. J., Visiting Lecturer in Music, Summer Session of 1958, June 13-July 19, 1958, \$500 (6-16-58).
- PETERS, JOSEPH A., Assistant in Mathematics, Summer Session of 1958, June 16-August 9, 1958, \$800 (6-26-58).
- PETERS, MAX S., Professor of Chemical Engineering (S), two months from June 16, 1958, \$1011.11 a month; this is in addition to his present appointment (6-4-58).

- PETERSEN, ARTHUR S. J., Associate Professor of Radiology (Medicine), $\frac{1}{2}$ time, indefinite tenure from August 1, 1958, \$5200 a year, supersedes (7-2-58).
- PETERSON, RUTH F., Counselor in Music, Summer Session of 1958, June 12-July 20, 1958, \$350; for the convenience of the University she will also be furnished room and board while on duty (6-25-58).
- PORTE, ANDREW L., Research Associate in Chemistry, one year from October 1, 1958, \$5400 (7-8-58).
- PREBLE, HARRY, Assistant in English, nine months from September 16, 1958, \$4000, supersedes (7-11-58).
- PRENSKY, WOLF, Assistant in Agronomy (S), July 1-September 15, 1958, \$383.33 a month, supersedes (7-8-58).
- PRINCIC, WALTER, Assistant in English, nine months from September 16, 1958, \$3600 (6-27-58).
- PROVOST, ERNEST E., Assistant Professor of Zoology, academic year beginning September 1, 1958, \$5600 (7-14-58).
- RADCLIFFE, JOHN A., Research Associate in Psychology, one month from June 16, 1958, \$500 (6-16-58).
- RAKOVE, MILTON L., Assistant Professor of Political Science (Chicago Undergraduate Division), academic year beginning September 1, 1958, \$5800 (7-11-58).
- RANNEY, J. AUSTIN, Associate Professor of Political Science, one month from July 1, 1958, \$811.11; this is in addition to his present appointment (7-1-58).
- READ, THOMAS A., Professor of Metallurgy and Head of the Department of Mining and Metallurgical Engineering (C), two months from June 16, 1958, \$1611.11 a month; this is in addition to his present appointment (6-16-58).
- REDHEB, WILLIAM, Assistant in English, nine months from September 16, 1958, \$3600 (6-27-58).
- REIBEL, DAVID A., Instructor in English, Division of English for Foreign Students, academic year beginning September 1, 1958, \$4500 (6-27-58).
- REINER, IRMA M., Assistant Professor of Mathematics, Summer Session of 1958, $\frac{1}{2}$ time, June 16-August 9, 1958, \$623 (6-26-58).
- REINER, IRVING, Associate Professor of Mathematics, July 1-September 15, 1958, \$2138.89; this is in addition to his present appointment (7-8-58).
- RICHARDS, CLAIRE L., Associate Professor of Music, Summer Session of 1958, June 16-August 9, 1958, \$1556, supersedes previous Summer Session appointment (6-27-58).
- RICKETTS, BERNARD G., Associate Professor of Metallurgical Engineering (C), two months from June 16, 1958, \$922.22 a month; this is in addition to his present appointment (6-16-58).
- RIEHL, JEAN-LOUIS, Instructor in Pharmacology (Medicine), two months from July 1, 1958, \$671 a month (6-25-58).
- RIGGIN, G. W., Visiting Lecturer in Music, Summer Session of 1958, June 22-July 19, 1958, \$300; for the convenience of the University he will also be furnished room and board (6-16-58).
- ROBERTS, JOHN, Assistant in English, nine months from September 16, 1958, \$3600 (6-27-58).
- ROBERTS, STUART S., Assistant in Surgery (Medicine), one year from July 1, 1958, without salary, supersedes (6-25-58).
- ROBERTSON, JEAN, Instructor in Medical Social Work (Medicine), July 7, 1958-August 31, 1959, \$5500 a year (7-7-58).
- ROBINSON, PATRICIA A., Instructor in Home Economics, Summer Session of 1958, June 16-August 9, 1958, \$1000 (6-25-58).
- ROBINSON, RALPH L., Instructor in Electrical Engineering (C), academic year beginning September 1, 1958, \$5300 (6-26-58).
- RODRIGUEZ, JOSE J., Instructor in Theoretical and Applied Mechanics (C), academic year beginning September 1, 1958, \$5000 (6-27-58).
- ROSE, S. MERYL, Professor of Zoology, two months from July 1, 1958, \$1000 a month; this is in addition to his present appointment (6-26-58).
- ROSS, JOHN R., Instructor in Theoretical and Applied Mechanics (C), academic year beginning September 1, 1958, \$5000 (6-27-58).
- ROWLATT, URSULA, Instructor in Pathology (Medicine), one year from September 1, 1958, without salary (6-16-58).

- RUBENIS, MARY E., Research Assistant in Medicine (Medicine), two months from July 1, 1958, \$5200 a year (7-8-58).
- RUNDUS, ROBERT E., Visiting Lecturer in Education (University High School), August 16, 1958-June 15, 1959, \$4222 (6-16-58).
- RYBAK, F. JAMES, Assistant Professor of Education, $\frac{1}{2}$ time, June 16-August 9, 1958, \$712; this is in addition to his Summer Session appointment (6-16-58).
- SAARLAS, MAIDO, Assistant in Mathematics, Summer Session of 1958, June 16-August 9, 1958, \$800 (6-26-58).
- SANDIN, FREDERICA J., Research Assistant in Education (University High School), June 16-August 9, 1958, \$889 (6-5-58).
- SARIOGLU, M. K., Instructor in Electrical Engineering, Summer Session of 1958, $\frac{3}{4}$ time, June 16-August 9, 1958, \$734 (6-6-58).
- SCARAVELLI, GEORGE, Instructor in Pathology (Medicine), one year from July 1, 1958, \$7000 (6-25-58).
- SCHLOSSER, ROBERT, Assistant Professor in the Bureau of Business Management, $\frac{1}{2}$ time, two months from June 16, 1958, \$377.78 a month; this is in addition to his present appointment (6-16-58).
- SCHRADER, HERMAN J., Research Professor of Theoretical and Applied Mechanics (C), two months from June 16, 1958, \$1111.11 a month; this is in addition to his present appointment (6-27-58).
- SCOTTON, DONALD W., Project Director in the Bureau of Business Management, two months from June 16, 1958, \$950 a month; this is in addition to his present appointment (6-6-58).
- SCOUFFAS, GEORGE, Assistant Professor of English, Summer Session of 1958, $\frac{3}{4}$ time, June 16-August 9, 1958, \$1068, supersedes previous Summer Session appointment (6-27-58).
- SHAFTER, HAROLD, Instructor in Medicine (Medicine), $\frac{4}{5}$ time, two months from July 1, 1958, \$375 a month (7-9-58).
- SHEARD, KEVIN, Instructor in Economics (Chicago Undergraduate Division), academic year beginning September 1, 1958, \$5100 (7-2-58).
- SHORES, J. HARLAN, Professor of Education, Summer Session of 1958, July 14-August 9, 1958, \$1112 (6-30-58).
- SIDNEY, MARY C., Instructor in Humanities (Chicago Undergraduate Division), academic year beginning September 1, 1958, \$4400 (6-16-58).
- SILVA, PAUL C., Research Associate Professor of Botany, $\frac{3}{4}$ time, one month from June 16, 1958, \$623.62; this is in addition to his present appointment (6-16-58).
- SKOGEN, CLARA S., Instructor in Foreign Languages (Chicago Undergraduate Division), Summer Session of 1958, June 23-August 15, 1958, \$1245, supersedes previous Summer Session appointment (7-7-58).
- SKOLD, RONALD V., Research Associate in the State Water Survey, one year from July 1, 1958, \$8600 (6-25-58).
- SMITH, CEDRIC M., Assistant Professor of Pharmacology (Medicine), two months from July 1, 1958, \$910 a month; this is in addition to his present appointment (6-27-58).
- SMITH, SARAH, Assistant in English, nine months from September 16, 1958, \$3600 (6-27-58).
- SMITH, WILLIAM L., Instructor in Full and Removable Partial Dentures (Dentistry), $\frac{3}{10}$ time, one year from September 1, 1958, \$1800 (7-2-58).
- SNYDER, HAROLD R., Research Professor of Chemistry, two months from June 16, 1958, \$1311.50 a month; this is in addition to his present appointment (7-8-58).
- SOKOLOV, ALVIN D., Research Assistant in the Institute of Government and Public Affairs, two months from June 16, 1958, \$400 a month (6-10-58).
- SOWERBY, DAVID B., Instructor in Inorganic Chemistry (College of Liberal Arts and Sciences), $\frac{1}{2}$ time, academic year beginning September 1, 1958, \$2250; and Research Associate in Chemistry (Graduate College), one year from September 1, 1958, $\frac{1}{2}$ time during the academic year and full time during the 1959 summer, \$3250 (6-16-58).
- SPIEGELMAN, SOL, Professor of Bacteriology, two months from June 16, 1958, \$1311.11 a month; this is in addition to his present appointment (6-6-58).

- STEINER, IVAN D., Associate Professor of Psychology, two months from June 16, 1958, \$833.33 a month; this is in addition to his present appointment (6-6-58).
- STRÖHL, GERHARD W., Research Associate in Chemistry, one year from August 16, 1958, \$5820 (7-8-58).
- STROUT, ROSS P., Associate Professor of Mechanical Engineering, Summer Session of 1958, June 16-August 9, 1958, \$1556, supersedes previous Summer Session appointment (6-27-58).
- SUAMI, TETSUO, Research Associate in Chemistry, one year from September 1, 1958, \$5400 (6-30-58).
- SUTFIN, DUANE, Assistant Professor of Physiology, two months from June 16, 1958, \$622.22 a month; this is in addition to his present appointment (6-16-58).
- SUZUKI, KAN, Research Associate in Psychiatry (Medicine), one year from July 1, 1958, \$7500 (7-9-58).
- SWARTWOUT, ROBERT E., Instructor in Electrical Engineering (C), $\frac{3}{4}$ time, academic year beginning September 1, 1958, \$4500 (6-27-58).
- THOMSON, ROBB M., Associate Professor of Physical Metallurgy (C), two months from June 16, 1958, \$777.78 a month; this is in addition to his present appointment (6-25-58).
- THORNBURN, THOMAS H., Professor of Civil Engineering (S), two months from June 16, 1958, \$1000 a month; this is in addition to his present appointment (5-23-58).
- TIBBITTS, F. DONALD, Instructor in Zoology, Summer Session of 1958, June 16-August 9, 1958, \$1178 (6-16-58).
- TORGOFF, IRVING, Visiting Lecturer in Home Economics, Summer Session of 1958, June 16-August 9, 1958, \$1556 (6-6-58).
- TOYAZAWA, YUTAKA, Research Assistant Professor of Physics (C), one month from September 1, 1958, \$600 (6-16-58).
- TREVINO, ERNESTO T., Clinical Assistant in Surgery (Medicine), one year from July 1, 1958, without salary (7-11-58).
- TRIGGER, KENNETH J., Professor of Mechanical Engineering (C), $\frac{3}{4}$ time, two months from June 16, 1958, \$1917; this is in addition to his present appointment (6-4-58).
- TSUGAWA, ALBERT G., Instructor in Philosophy, academic year beginning September 1, 1958, \$4400 (6-16-58).
- TUCKER, ALBERT V., Instructor in History, academic year beginning September 1, 1958, \$5000 (6-16-58).
- TUCKER, MARIE, Research Assistant in Zoology, four months from July 1, 1958, \$400 a month (6-25-58).
- TURNER, FRED A., Instructor in Pharmacy (Pharmacy), Summer Session of 1958, June 30-September 20, 1958, 42/100, time, \$600 for the period (6-4-58).
- VAUGHAN, HERBERT E., Associate Professor of Mathematics (University High School), June 16-July 18, 1958, and August 4-August 22, 1958, \$1778; this is in addition to his present appointment (6-5-58); and Associate Professor of Mathematics for one year from September 1, 1958, to render service during the academic year, \$8500 (7-3-58).
- VELETOS, ANESTIS S., Associate Professor of Civil Engineering (C), June 16-August 31, 1958, \$844.44 a month (6-16-58).
- VOOK, FREDERICK L., Research Associate in Physics (C), two months from July 1, 1958, \$600 a month, supersedes (6-10-58).
- WACHSMAN, JOSEPH T., Assistant Professor of Bacteriology, two months from June 16, 1958, \$644.45 a month. This is in addition to his present appointment. (6-6-58).
- WAHL, F. M., Instructor in Geology, academic year beginning September 1, 1958, \$5000 (6-27-58).
- WALDBAUER, GILBERT P., Research Assistant in Entomology, three months from June 16, 1958, \$400 a month (6-26-58).
- WALKER, EVELYN G., Research Assistant Professor in the Institute of Communications Research, College of Journalism and Communications, on $\frac{3}{4}$ time, and of Psychology, College of Liberal Arts and Sciences, on $\frac{1}{3}$ time, academic year beginning September 1, 1958, \$5600 (6-16-58).

- WALKER, RALPH H., Assistant in English, nine months from September 16, 1958, \$4200 (6-27-58).
- WAYMAN, CLARENCE M., Assistant Professor of Metallurgical Engineering (C), two months from June 16, 1958, \$666.67 a month; this is in addition to his present appointment (6-16-58).
- WEINER, BLUMA B., Research Associate in the Institute for Research on Exceptional Children, June 16-August 9, 1958, \$1400 (6-25-58).
- WEINSTEIN, SHIRLEY, Instructor in Medical Social Work (Medicine), two months from July 1, 1958, \$458.33 a month (6-25-58).
- WELLS, MRS. CATHERINE N., Head Resident in Busey Hall, ten months from September 1, 1958, \$3500; for the convenience of the University she will also be furnished room and board valued at \$31 a month (6-6-58).
- WERT, CHARLES A., Research Professor of Physical Metallurgy (C), $\frac{1}{2}$ time, two months from June 16, 1958, \$494.44 a month; this is in addition to his present appointment (6-16-58).
- WESSELS, WARREN K., Assistant to the Dean, with rank of Instructor, College of Agriculture, July 1, 1958-August 31, 1959, \$6500 a year (7-3-58).
- WEST, GEORGE C., Research Assistant in Zoology, nine months from September 1, 1958, \$5000 a year (7-9-58).
- WHITE, CARLOS A., Research Assistant in Agricultural Entomology (Graduate College and State Natural History Survey), June 9-August 31, 1958, \$370 a month (6-16-58).
- WHITTENBURY, CLIVE G., Research Associate in Aeronautical Engineering (C), $\frac{3}{4}$ time, academic year beginning September 1, 1958, \$4500 (6-25-58).
- WILLS, RUTH E., Acquisition Assistant in the Library, one year from September 1, 1958, \$4500 (7-8-58).
- WISHNER, RICHARD P., Instructor in Electrical Engineering (C), $\frac{1}{2}$ time, academic year beginning September 1, 1958, \$2400 (6-26-58).
- WOERMANN, DIETRICH, Research Associate in Chemistry, one year from September 1, 1958, \$5600 (6-16-58).
- WORLEY, WILL J., Associate Professor of Theoretical and Applied Mechanics (C), one month from June 16, 1958, \$777.77; this is in addition to his present appointment (7-11-58).
- WRIGHT, RICHARD N., III, Instructor in Civil Engineering (S), May 25-August 31, 1958, \$416.67 a month, supersedes (6-16-58).
- WYMAN, MARVIN E., Professor of Physics and of Nuclear Engineering (C), one month from August 1, 1958, \$1333.33 (6-6-58).
- XERIKOS, JAMES, Instructor in Aeronautical Engineering (C), $\frac{3}{4}$ time, first semester of the academic year 1958-59, September 1, 1958-February 28, 1959, \$2250 (6-25-58).
- YANKWICH, PETER E., Research Professor of Chemistry, two months from June 16, 1958, \$944.50 a month; this is in addition to his present appointment (6-6-58).
- YOCUM, PAUL S., JR., Assistant in Ophthalmology (Medicine), one year from July 1, 1958, without salary (6-27-58).
- YOKAN, MELVYN, Research Associate in Neurology-Neurological Surgery-Epilepsy (Medicine), 9/10 time, July 1, 1958-March 2, 1959, \$5000 a year (7-2-58).
- YOUNG, MRS. ALINE O., Instructor in the School of Nursing, three months from June 1, 1958, \$5370 a year (6-4-58).

FELLOWS

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

WARD-STEINMAN, DAVID, Kate Neal Kinley Memorial Fellow for 1958-59.

JOHNSON, BRADLEY R., Ryerson Traveling Fellow in City Planning and Landscape Architecture for 1958-59.

GRADUATE FELLOWS

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

AGGARWAL, ARJUN P., Fellow in Law, June 16-August 19, 1958, \$300 (6-5-58).

ALBRIGHT, JAY D., Phillips Petroleum Company Fellow in Chemistry, June 16-July 31, 1958, \$300 (7-2-58).

- ALLEN, HOWARD, National Science Foundation Fellow in the Chicago Professional Colleges, three months from June 16, 1958, \$500 (7-7-58).
- ARONSON, ALAN R., United States Public Health Service Fellow (Trainee) in the Chicago Professional Colleges, one year from July 1, 1958, \$4400 (6-19-58).
- BERMAN, MARVIN, United States Public Health Service Dental Student Part-time Research Fellow (Trainee) in the Chicago Professional Colleges, for three months from June 16, 1958, \$600 (6-5-58).
- BLUMBERG, MARTIN, National Science Foundation Fellow in the Chicago Professional Colleges, three months from June 16, 1958, \$500 (7-7-58).
- BODE, VERNON C., Charles Pfizer and Company, Inc. Fellow in Biochemistry, two months from June 16, 1958, \$200 a month (6-23-58).
- BRAKE, JON M., Charles Pfizer and Company, Inc. Fellow in Biochemistry, two months from June 16, 1958, \$400 (6-6-58).
- BROOKS, SUZANNE B., Charles Pfizer and Company, Inc. Fellow in Biochemistry, two months from June 16, 1958, \$400 (6-6-58); Standard Oil Foundation Fellow in Chemistry, nine months from September 16, 1958, \$1500 (6-6-58).
- BURSTEIN, STUART, United States Public Health Service Fellow (Trainee) in the Chicago Professional Colleges, one year from June 16, 1958, \$975 (7-9-58).
- BUSH, RICHARD W., Phillips Petroleum Company Fellow in Chemistry, two months from June 16, 1958, \$333.34 for the period (6-27-58).
- BUSHNELL, JAMES C., Minneapolis-Honeywell Fellow in Physics, nine months from September 16, 1958, \$1800, supersedes (6-6-58).
- CHANDLER, JOHN A., U.S. Rubber Company Fellow in Chemistry, nine months from September 16, 1958, \$2100 (6-27-58).
- CHENOWETH, RICHARD, Fellow in the Chicago Professional Colleges, three months from June 16, 1958, \$500 (7-1-58).
- COST, JAMES R., Union Carbide and Carbon Research Laboratories Fellow in Mining and Metallurgical Engineering, nine months from September 16, 1958, \$2100 (6-26-58).
- DARON, HARLOW H., Charles Pfizer and Company, Inc. Fellow in Biochemistry, two months from June 16, 1958, \$400 (6-6-58).
- DOIG, ANDREW, United States Public Health Service Postdoctoral Research Fellow in Medicine, one year from September 1, 1958, without stipend (6-10-58).
- FELDMAN, VICTOR, Lederle Laboratories Fellow in the Chicago Professional Colleges, three months from June 16, 1958, \$600 (7-7-58).
- FISCHER, JOHN, Fellow in the Chicago Professional Colleges, three months from June 16, 1958, \$500 (7-1-58).
- FRANKHOUSER, DAVID E., American Cyanamid Company Fellow in Chemistry, nine months from September 16, 1958, \$1800 (6-5-58).
- FREED, HARVEY, United States Public Health Service Fellow (Trainee) in the Chicago Professional Colleges, one year from June 16, 1958, \$975 (7-9-58).
- GALINSKY, ALVIN, Fellow in the Chicago Professional Colleges, July 1-September 20, 1958, \$500 (7-1-58).
- GOLDMAN, EUGENE, National Science Foundation Fellow in the Chicago Professional Colleges, three months from June 16, 1958, \$500 (7-7-58).
- GORDON, MICHAEL, National Science Foundation Fellow in the Chicago Professional Colleges, three months from June 16, 1958, \$500 (7-7-58).
- GRAMMER, MRS. GEORGEANN, IBM Fellow in Marketing, nine months from September 16, 1958, \$1800 (7-11-58).
- HABERSTROH, HELMUT, United States Public Health Service Dental Student Part-time Research Fellow (Trainee) in the Chicago Professional Colleges, three months from June 16, 1958, \$600 (6-5-58).
- HAWKINS, RICHARD T., Phillips Petroleum Company Fellow in Chemistry, two months from June 16, 1958, \$377.78 (7-2-58).
- HOLT, JAMES A., Charles Pfizer and Company, Inc. Fellow in Biochemistry, two months from June 16, 1958, \$400 (6-6-58).
- JACOBSON, ALLEN, Fellow in the Chicago Professional Colleges, three months from June 16, 1958, \$500 (7-1-58).
- JEWELL, WILLIAM, Fellow in the Chicago Professional Colleges, three months from June 16, 1958, \$500 (7-1-58).
- JOHNSTONE, WILLIAM W., United States Public Health Service Fellow (Trainee) in the Chicago Professional Colleges, one year from July 1, 1958, \$3320, supersedes (6-19-58).

- KAL, EDMUND, United States Public Health Service Fellow (Trainee) in the Chicago Professional Colleges, one year from June 16, 1958, \$975 (7-9-58).
- KANEMATSU, SHIGETO, Fellow in Animal Science, nine months from September 16, 1958, \$1500 (6-9-58).
- KEER, LARRY, Fellow in the Chicago Professional Colleges, three months from June 16, 1958, \$500 (7-1-58).
- KRILL, ALEX E., United States Public Health Service Fellow (Trainee) in the Chicago Professional Colleges, one year from July 1, 1958, \$2520 (6-19-58).
- LAFUSE, HARRY G., Westinghouse Fellowship-Instructorship in Electrical Engineering, nine months from September 16, 1958, \$2000 (6-23-58).
- MARTIN, BRUCE, Fellow in the Chicago Professional Colleges, three months from June 16, 1958, \$500 (7-1-58).
- MAY, PERCY C., JR., United States Public Health Service Part-time Medical Student Fellow (Trainee) in Psychiatry, in the Chicago Professional Colleges, one year from June 16, 1958, \$975 (7-7-58).
- MOONEY, ROBERT A., Phillips Petroleum Company Fellow in Chemistry, two months from June 16, 1958, \$377.78 (7-2-58).
- PORTER, RICHARD N., IBM Fellow in Chemistry, nine months from September 16, 1958, \$1800, supersedes (7-11-58).
- RARICK, DAVID, Fellow in Law, June 16-August 19, 1958, \$450 (6-5-58).
- RIEDLINGER, JOHN, United States Public Health Service Dental Student Part-time Research Fellow (Trainee) in the Chicago Professional Colleges, three months from June 16, 1958, \$600 (6-5-58).
- RINGL, JEROME, United States Public Health Service Dental Student Part-time Research Fellow (Trainee) in the Chicago Professional Colleges, three months from June 16, 1958, \$600 (7-9-58).
- ROSEN, SEYMOUR, National Science Foundation Fellow in the Chicago Professional Colleges, three months from June 16, 1958, \$500 (7-7-58).
- ROTHSTEIN, DAVID, Fellow in the Chicago Professional Colleges, three months from June 16, 1958, \$500 (7-1-58).
- RUBEN, RICHARD, Fellow in the Chicago Professional Colleges, three months from June 16, 1958, \$500 (7-1-58).
- RUDICH, PERRY, National Science Foundation Fellow in the Chicago Professional Colleges, three months from June 16, 1958, \$500 (7-7-58).
- SACKETT, DAVID, Lederle Laboratories Fellow in the Chicago Professional Colleges, three months from June 16, 1958, \$600 (7-7-58).
- SALANS, LESTER, National Science Foundation Fellow in the Chicago Professional Colleges, three months from June 16, 1958, \$500 (7-7-58).
- SCAPINO, ROBERT, United States Public Health Service Dental Student Part-time Research Fellow (Trainee) in the Chicago Professional Colleges, three months from June 16, 1958, \$600 (6-5-58).
- SCHRAIBMAN, JOSEPH, George A. Miller Fellow in Spanish, nine months from September 16, 1958, \$1800, supersedes (6-6-58).
- STEMKE, GERALD W., Research Corporation Fellow in Biochemistry, two months from June 16, 1958, \$200 a month (6-23-58).
- SUMMERS, DONALD, Fellow in the Chicago Professional Colleges, three months from June 16, 1958, \$500 (7-1-58).
- TAXMAN, PHILLIP, National Science Foundation Fellow in the Chicago Professional Colleges, three months from June 16, 1958, \$500 (7-7-58).
- TAYLOR, DAVID, National Science Foundation Fellow in the Chicago Professional Colleges, three months from June 16, 1958, \$500 (7-7-58).
- THOMPSON, DENNIS, Tobacco Industry Research Committee Fellow in the Chicago Professional Colleges, three months from June 16, 1958, \$500 (7-7-58).
- TOY, BILLY R., Ohio Oil Company Fellow in Geology, two months from June 16, 1958, \$150 (6-6-58).
- WEINSWIG, MELVIN H., Fellow in the Chicago Professional Colleges, nine months from July 1, 1958, \$1800 (7-1-58).
- WILEY, WILLIAM R., Rockefeller Foundation Fellow in Bacteriology, two months from June 16, 1958, \$300 (6-19-58).
- WILLIS, BURTON, United States Public Health Service Dental Student Part-time Research Fellow (Trainee) in the Chicago Professional Colleges, three months from June 16, 1958, \$600 (6-5-58).

WOLSZTYNIAK, HAROLD, United States Public Health Service Dental Student Part-time Research Fellow (Trainee) in the Chicago Professional Colleges, three months from June 16, 1958, \$600 (6-5-58).

RESIGNATIONS AND DECLINATIONS

- BATSON, BETTY, Instructor in Home Economics (C) — resignation effective September 1, 1958.
- BERGER, CYRENA G., Research Assistant in Pathology (Medicine) — resignation effective June 16, 1958.
- BIENIARZ, JOZEF, Research Associate in Anatomy (Medicine) — declination effective July 1, 1958.
- BOSNAK, WILLIAM A., Assistant in Physical Education for Men (Chicago Undergraduate Division) — resignation effective September 16, 1958.
- BROWN, ERIC R., Instructor in Microbiology (Medicine) — resignation effective September 1, 1958.
- BURHANS, PRISCILLA, Catalog Assistant in the Library — resignation effective September 1, 1958.
- CAREY, GLENN O., Assistant in English — resignation effective September 16, 1958.
- CLARK, J. M., JR., Instructor in Biochemistry (Summer Session) — resignation effective June 16, 1958.
- COLLINS, MAURINE, Serials Reviser, with rank of Instructor, in the Library — resignation effective July 1, 1958.
- CONNER, MRS. BETTY R., Research Assistant in Medicine (Medicine) — resignation effective July 26, 1958.
- COTTER, MRS. ALICE, Assistant to the Dean of Women — resignation effective July 1, 1958.
- CULLER, A. DWIGHT, Professor of English — resignation effective September 1, 1958.
- DONOVAN, CECIL V., Professor of Art (Summer Session) — resignation effective June 16, 1958.
- DUNLAP, LESLIE W., Professor of Library Science and Associate Director of Public Service Departments of the Library — resignation effective September 1, 1958.
- ECKHARDT, RICHARD D., Associate Professor of Medicine (Medicine) — resignation effective July 13, 1958.
- GABIS, STANLEY T., Assistant Professor of Political Sciences (Chicago Undergraduate Division) — resignation effective September 1, 1958.
- GLICKSTEIN, MITCHELL E., Research Assistant in Psychiatry (Medicine) — resignation effective August 1, 1958.
- GOULSON, MRS. FRANCES M., Instructor in Speech (Chicago Undergraduate Division) (Summer Session) — resignation effective June 20, 1958.
- GREENWALD, ARTHUR L., Instructor in English (Chicago Undergraduate Division) — resignation effective September 1, 1958.
- HAMBRICK, THOMAS G., Instructor in Business English — resignation effective September 1, 1958.
- HASEGAWA, MAE, Research Assistant in Medicine (Medicine) — resignation effective August 5, 1958.
- HAYMAN, ALLEN, Assistant in English — resignation effective September 16, 1958.
- HELMER, LORRAINE R., Instructor in English — resignation effective September 1, 1958.
- HIRSCH, JEAN L., Clinical Instructor in Pediatrics (Medicine) — resignation effective July 1, 1958.
- HOLT, E. HOWARD, Research Assistant Professor of Electrical Engineering (C) — resignation effective September 1, 1958.
- JOHNSON, RALPH H., Counselor on the University Council on Teacher Education and Associate Professor of Physical Education for Men — resignation effective September 1, 1958.
- KANEMATSU, SHIGETO, Fellow in Animal Science — declination effective September 16, 1958.
- KARVINEN, ESKO, Research Assistant in Clinical Science (Medicine) — resignation effective July 1, 1958.
- KLEE, FLORENCE C., Instructor in Chemistry (Pharmacy) — resignation effective September 1, 1958.

- LENNARZ, WILLIAM J., United States Rubber Company Fellow in Chemistry — resignation effective September 16, 1958.
- MARDFIN, MRS. DOROTHY F., Research Assistant in Oral Pathology (Dentistry) — resignation effective July 27, 1958.
- MARSHALL, CLIFTON J., Associate Professor of Architecture — declination effective September 1, 1958.
- McFERON, DEAN E., Associate Professor of Mechanical Engineering (C) — resignation effective September 1, 1958.
- McGRATH, MRS. BARBARA, Assistant in Home Economics (C) — resignation effective September 1, 1958.
- McLAUGHLIN, SHIRLEY A., Assistant in English — resignation effective September 16, 1958.
- McTAGGART, MARY D., Assistant in Medical Social Work (Medicine) — resignation effective June 29, 1958.
- MERRILL, WILLIAM M., Associate Professor of Geology — resignation effective September 1, 1958.
- MONKMAN, JOHN A., Clinical Counselor in the Student Counseling Service — resignation effective July 9, 1958.
- NEWMAN, HOWARD A., Assistant in Food Technology (S) — resignation effective July 1, 1958.
- PAULL, DONALD, Assistant Professor of Psychology and Counselor in the Student Counseling Service (Chicago Undergraduate Division) — resignation effective July 1, 1958.
- PERKINS, EDWARD G., Fellow in Food Technology — resignation effective June 1, 1958.
- PERRY, J. WARREN, Assistant Professor of Psychology and Counselor in the Student Counseling Service (Chicago Undergraduate Division) — resignation effective July 1, 1958.
- PETERSON, BEVERLY J., Architecture Library Assistant, with rank of Instructor — resignation effective September 1, 1958.
- PHILLIPS, DAVID L., Assistant Extension Editor, with rank of Instructor, in Agriculture (E) — resignation effective August 1, 1958.
- PORTER, KENNETH W., Professor of History — resignation effective September 1, 1958.
- RABICHOW, HELEN G., Consultant, with rank of Associate Professor, in the School of Social Work — resignation effective September 1, 1958.
- REINER, IRVING, Associate Professor of Mathematics (Summer Session) — resignation effective June 16, 1958.
- SEHE, CHARLES T., Assistant Professor of Zoology — resignation effective September 1, 1958.
- SEKETA, MRS. DELORES H., Research Assistant in Medicine (Medicine) — resignation effective July 26, 1958.
- SHARP, HERBERT L., Counselor in the Student Counseling Service, and Assistant to the Dean of the College of Agriculture, with rank of Assistant Professor — resignation effective July 1, 1958.
- SHATILA, MRS. BARBARA J., Fellow in Social Work — resignation effective September 16, 1958.
- SHEARER, SAMUEL B., JR., Lois Wells Irwin Fellow in Library Science — resignation effective September 16, 1958.
- SMITH, A. E. WILDER, Assistant Professor of Pharmacology (Pharmacy) — resignation effective September 1, 1958.
- TONG, EDMUND, Instructor in Operative Dentistry (Dentistry) — resignation effective July 27, 1958.
- TSIEN, WEI S., Research Associate in Animal Science (S) — resignation effective September 1, 1958.
- WADDELL, CLAUDE E., Lecturer in Aeronautical Engineering (C) — resignation effective June 16, 1958.
- WILKES, RACHEL C., Visiting Lecturer in Library Science (Summer Session) — resignation effective June 16, 1958.
- WILLIAMS, RICHARD A., III, Research Associate in Civil Engineering (S) — resignation effective September 1, 1958.
- WILLIS, BURTON, United States Public Health Service Dental Student Part-time Research Fellow (Trainee) in the Chicago Professional Colleges — declination effective June 16, 1958.

LEAVES OF ABSENCE

- CURLEY, DANIEL, Associate Professor of English—sabbatical leave of absence for the first semester of 1958-59, on one-half pay, and leave of absence during the second semester, without pay. This supersedes his previous leave of absence.
- FINLAY, GILBERT C., Associate Professor of Education, Assistant Dean of the College of Education, and Head of Counseling Service on University Council on Teacher Education—leave of absence, without pay, from July 21 through August 31, 1958; and a change in his appointment status from full time service to 20 per cent time service from September 1, 1958, through June 15, 1959, so that he may work with the Physical Science Study Committee Program.
- GOTTLIEB, DAVID, Professor of Plant Pathology (C and S)—additional leave of absence, with pay, from July 1 to August 16, 1958.
- GRIBBENS, LORRAINE E., Registered Pharmacist in the Hospital Pharmacy, and Research Associate in Manufacturing Pharmacy (Pharmacy)—leave of absence, without pay, one year from July 18, 1958.
- JACKSON, WILLIAM V., Assistant Professor of Library Science and Librarian in the Undergraduate Library—leave of absence, without pay, from July 1 through August 31, 1958, so that he may accept the invitation from the United States Department of State to lecture at the University of Córdoba in Argentina.
- JUNG, ALLEN F., Assistant Professor of Economics (Chicago Undergraduate Division)—leave of absence, without pay, one year beginning September 1, 1958.
- KUYPERS, JOHN M., Professor of Music—leave of absence, without pay, for the academic year 1958-59, so that he may accept a visiting professorship in Music at Dillard University in New Orleans.
- MULLER, DAVID E., Research Associate Professor of Mathematics (College of Liberal Arts and Sciences) and of Applied Mathematics (Digital Computer Laboratory)—leave of absence, without pay, one month beginning August 1, 1958, so that he may accept an invitation to deliver a series of lectures at the Bell Telephone Laboratories, Murray Hill, New Jersey.
- PEART, ROBERT M., Assistant Professor of Agricultural Engineering (C and S)—leave of absence, without pay, one year beginning September 15, 1958, so that he may continue his graduate work.
- PLAGGE, JAMES C., Associate Professor of Anatomy (Medicine)—leave of absence, without pay, two years beginning September 1, 1958, so that he may accept an appointment as Medical Educator to Saigon, Viet Nam.
- SCHERR, GEORGE H., Assistant Professor of Microbiology (Medicine)—leave of absence without pay, from July 1 through August 9, 1958.
- SPORLEDER, DONALD E., Assistant Professor of Architecture—leave of absence, without pay, from September 1, 1958, to March 1, 1959, so that he may accept an appointment to the Francis J. Plym Traveling Fellowship in Architecture.
- TERRILL, STANLEY W., Professor of Animal Science (C and S)—disability leave of absence, with full pay, from April 3 to October 2, 1958.
- THOMPSON, ANSON E., Assistant Professor of Vegetable Crops, in the Department of Horticulture (C and S)—leave of absence, without pay, two years from September 1, 1958, so that he may serve on the contract team of the Kentucky Research Foundation for the management and coordination of the I.C.A. contract with the University of Indonesia as Professor of Horticulture, and as adviser for research and extension activities in this field.
- WHEELER, MRS. DOROTHEA M., Pharmacy Reference Librarian, with rank of Instructor (Chicago Professional Colleges)—leave of absence on account of her health, with full pay, from August 1 through December 31, 1958; and without pay, from January 1, 1959, and continuing until further notice.
- ZIMMERMANN, ARNOLD A., Professor of Anatomy (Medicine)—leave of absence, without pay, one year from September 1, 1958.

CHANGES IN SABBATICAL LEAVES OF ABSENCE

The President of the University has approved the following changes in sabbatical leaves of absence for 1958-59 previously granted by the Board of Trustees.

CURRY, E. THAYER, Professor of Speech, sabbatical leave of absence for the second semester of 1958-59, cancelled without prejudice.

DELANEY, CHARLES O., Assistant Professor of Music, from the academic year 1958-59 on one-half pay, to the first semester of 1958-59 on one-half pay.

DIGGS, BERNARD J., Associate Professor of Philosophy, from the academic year beginning September 1, 1958, on full pay, to the second semester of 1958-59 on full pay.

FOOTE, BRUCE R., Professor of Music, sabbatical leave of absence for the second semester of 1958-59, cancelled without prejudice.

KOLB, PHILIP, Professor of French, from the second semester of 1958-59 on full pay, to the full year beginning September 1, 1958, on one-half pay.

WANN, ANDREW J., Associate Professor in the Institute of Labor and Industrial Relations, sabbatical leave of absence for the academic year 1958-59, cancelled without prejudice.

EXECUTIVE SESSION

At this point, on motion of Mrs. Watkins, an executive session was ordered for the consideration of the following items of business.

RECOMMENDATIONS OF THE UNIVERSITY PATENT COMMITTEE

(32) 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. Multiple laboratory facility—Ora L. Railsback, Professor of Physics, and Harold M. Skadeland, Associate Professor of Physics, both of the Chicago Undergraduate Division, inventors. This invention, which encompasses the "Lazy Susan" principal of a rotating platform, is intended to allow more efficient use of classroom space by converting the room's facilities instantaneously to allow different classes to use the laboratory in succeeding periods. While one class is being conducted, a laboratory stockman may be setting up the apparatus for the next class without interrupting the class in the room at the time.

The Patent Committee believes that this application of the "Lazy Susan" principal would not constitute a unique enough claim to justify a patent application. Further, it does not appear that the invention has much commercial value. The inventors indicated in their disclosure that if the invention were released to them, they would propose to publish a description of the invention in a scientific journal, thus barring any possible patent application. The Committee recommends that the invention be released to the inventors.

2. Regimen of carotenoid therapy—Ruven Greenberg, Assistant Professor of Physiology, and Theodore Cornbleet, Clinical Professor of Dermatology, inventors. This invention concerns the ingestion of carotene (derived from carrot juice) which is claimed to be beneficial in the treatment of acne and psoriasis.

The Patent Committee previously requested the University of Illinois Foundation to investigate the desirability of obtaining a patent. The Foundation reports that the claims made by the inventors would be difficult to support in a patent application. Further, it does not appear that any possible patent would have much commercial value. This report corroborates the recommendation by the Head of the Department where the invention was conceived. The Patent Committee recommends that this invention be released to the inventors.

3. A semen diluent and processing method—N. L. VanDemark, Professor of Physiology, A. D. Sharma, Assistant in Dairy Science, and G. W. Salisbury, Professor of Dairy Science, inventors. This invention was described to the Board of Trustees at its meeting on July 16, 1957, and at that time the Board authorized the University of Illinois Foundation to apply for a patent, but no decision was made concerning who would own the title to any patent obtained. The Patent Committee now recommends that the University release its rights in this invention to the University of Illinois Foundation and that title to any patent issued be in the name of the Foundation. This action will facilitate the efficient management of any licensing and royalty arrangements.

4. Synthetic high polymers on tablet coatings—E. R. Serles, Dean of the College of Pharmacy (deceased), D. L. Deardorff, Professor of Manufacturing Pharmacy, and Dale W. Doerr, Instructor in Pharmacy, inventors. This devel-

opment involves the use of synthetic material as an alternative for sugar coatings on medicinal tablets. As approved by the Board of Trustees at its meeting on May 23, 1953, this invention was referred to the University of Illinois Foundation for further study with authority to apply for a patent if this action appeared desirable. The Foundation has now applied for and received such a patent and has requested the Patent Committee to make a recommendation as to the distribution of any income received from licenses or royalties that may be received.

The Patent Committee recommends that 12 per cent of the income received and available after the payment by the Foundation of any development or other costs incurred in connection with this patent be paid to and divided among the inventors in such a manner as they may agree upon.

5. A column packing material for high temperature inorganic gas chromatography — Richard S. Juvet, Jr., Assistant Professor of Analytical Chemistry, and Francis M. Wachi, Assistant in Chemistry, inventors. This development is a new method in gas chromatography separation which heretofore has been restricted to the analysis and separation of volatile organic substances. It uses certain non-volatile inorganic eutectic mixtures.

The Head and other authorities in the Department of Chemistry and Chemical Engineering are of the opinion that there is little likelihood that this development will have commercial value and have recommended that the invention be released to the inventors. The Patent Committee concurs in this opinion and so recommends.

6. Bubble oxygenator for extra corporeal circulation during cardiac surgery — Mariano Lopez-Belio, Assistant Professor of Surgery, and Ormand C. Julian, Associate Professor of Surgery, inventors. This instrument oxygenates blood outside the body for the purpose of extra corporeal circulation during cardiac surgery. One model of this machine has been developed through frequent experimental and clinical use at the University of Illinois College of Medicine and the Research and Educational Hospitals and at Presbyterian-St. Luke's Hospital.

Although this development is novel and gives promise of a definite contribution to surgical practices, apparently it is very improbable that it will be commercially profitable because of the small number that would be used. Accordingly, Dr. W. H. Cole, Head of the Department of Surgery, and Vice-President H. E. Longenecker have recommended that it be released to the inventors for the specific purpose of obtaining further models through the facilities of a Chicago instrument company that wishes to construct this equipment and distribute it at no profit to the inventors or the company.

The University Patent Committee concurs in this opinion and recommends its release to the inventors.

7. Vacuum regulator — Dillon E. Mapother, Associate Professor of Physics, inventor. This device is a self-acting valve which, when introduced into a pumping line, opens and closes in response to fluctuations in inlet pressure so as to maintain the inlet pressure constant.

The Patent Committee in October, 1957, requested the University of Illinois Foundation to study and report back on this device. The Foundation was able to secure an exhaustive opinion from a manufacturer as to the possibilities of obtaining a patent and building this device. This company has now reported back that a very high selling price would be necessary if such a device were manufactured; and at the same time quality control would be difficult. Accordingly, the Foundation has returned the matter to the University with a notice that it does not wish to seek a patent.

The inventor has advised that it is his plan to publish this development within a few months. Accordingly, it is the recommendation of the Patent Committee that all rights of the University in this invention be released to the United States Navy, the sponsoring agency under which it was developed.

8. Binary digital shifting register — Arnold T. Nordsieck, Professor of Physics, inventor. This device is for use in connection with a synchronous binary digital computer and is a delay line which requires a very small amount of energy with realizable audio frequencies over a broad range.

The Patent Committee requested the University of Illinois Foundation to investigate this invention as to commercial possibilities, and the Foundation has

reported that no company has been found that is interested in developing the invention.

The inventor has requested that this invention be released to him. The United States Army Signal Patent agency representing the United States Government, which had sponsored the project on which the invention was developed, has agreed to this release, providing that the Government be granted a royalty-free license to the use of any patent that is issued. The Patent Committee approves such an arrangement and recommends that all rights of the University in this invention be released to the inventor, with the stipulation that the United States Government and the University of Illinois be granted royalty-free licenses to use any patent that may be issued in connection therewith.

I concur in these recommendations.

President Livingston reported that the Executive Committee had previously considered these recommendations and concurs in them.

On motion of Mrs. Watkins, these recommendations were approved by the Board.

SETTLEMENT OF THE SUIT OF CHARLES GOREY

(33) Recently Mr. Charles Gorey, an electrician in the employ of the University of Illinois at the Chicago Professional Colleges, instituted a mandamus proceeding in the Circuit Court of Cook County to recover salary and other benefits which he lost as the result of being placed on involuntary disability leave from January 2 through April 5, 1957.

Mr. Gorey was first employed by the University in 1941 and between that year and 1944 worked for it from time to time. Since October 24, 1944, to the present time, Mr. Gorey has been employed as a full-time electrician.

For some time prior to November, 1953, Mr. Gorey suffered from a physical condition, diagnosed as a hypersensitive carotid sinus, which rendered it dangerous for Mr. Gorey to do work (such as changing overhead lamps) which would necessitate extending his arms over his head, especially if he would be working on a ladder. While his condition was known to the Health Service at the Chicago Professional Colleges Campus and to the Supervisor of Building Craftsmen, it did not come to the attention of the Assistant Superintendent of Buildings and Grounds or that of the Superintendent of Buildings and Grounds until the fall of 1953. At that time a report from the Health Service was presented to them and, upon recommendation from the Office of Nonacademic Personnel, Mr. Gorey was placed on leave of absence for disability. However, the Health Service immediately advised that he could do all types of work if he kept his collar open to eliminate any pressure on his neck and, consequently, he was returned to work. On November 11, 1956, the Health Service issued an additional report to Mr. Gorey that he should not do certain portions of the work usually done by electricians, and Mr. Gorey declined to do "lamping" since it would require him to be on a ladder and work with his hands above his head. The report from the Health Service that Mr. Gorey should not do *all* work requiring the raising of his arms above the head was confirmed in December, 1956. On the basis of this advice, and with the concurrence of the Office of Nonacademic Personnel, Mr. Gorey was placed on disability effective January 2, 1957, but because of accumulated sick leave and vacation, he received full pay for the period January 2 to January 29, 1957.

While Mr. Gorey apparently acquiesced in this action by voicing no objection before the end of January, 1957, it developed that he was objecting to or questioning it and was supported in his position by his union. Further negotiations and investigations took place and he was restored to active duty on April 8, 1957, but because of his physical condition instructions were issued that he should not be required to do work which the Health Service physicians considered would be dangerous and inadvisable for him to attempt.

As a result of the foregoing and the involuntary disability leave upon which he was placed, Mr. Gorey did no work from January 2 through April 5, 1957, although he was paid the same amount he would have earned in January of that year if he would have been working then by allowing him fifteen days of wages to sick leave and five working days of vacation time which he had earned

and to which he was entitled. He was paid nothing for the forty-three days he lost from January 30 through April 5, 1957.

After he was restored to active duty, Mr. Gorey and the business agent of his local union demanded that he be paid what he would have earned had he been permitted to work from January 30 to April 5, 1957, and that the fifteen days of sick leave and five days of vacation time be restored. Action upon this request was deferred while attempts were made to hold a conference with the business agent of the union concerning Mr. Gorey's claims and concerning charges which that union had preferred against Mr. Gorey's foreman and a fine which it had imposed upon the foreman stemming out of the latter's action in reporting Mr. Gorey's claim that, because of his physical condition, he was not supposed to be required to do overhead lamping work. The business agent of the union ignored requests for a conference and apparently was unwilling to hold it with University representatives. Mr. Gorey then instituted the mandamus suit.

As the result of conferences with University officers and study of the facts and law, it is the conclusion of the Legal Counsel that the University had no legal right or authority to place Mr. Gorey upon enforced disability leave, and that the University does not have a good defense to Mr. Gorey's suit. It is his recommendation and that of the Director of the Physical Plant and of the Director of Nonacademic Personnel that the University pay Mr. Gorey \$1,331.60 for wages which he would have earned had he worked between January 30 and April 5, 1957, and the fifteen working days sick leave credit be restored; and that, for purposes of seniority and accruing sick leave and vacation benefits, Mr. Gorey's full-time employment status include the period January 2, 1957, to April 8, 1957. In return, Mr. Gorey will waive any claim for restoration to him of the five working days of vacation time credit against which a portion of the wages paid him for the month of January, 1957, was charged. In addition, it is understood that Mr. Gorey will do what he can to secure dismissal of charges against the foreman now pending before the Executive Board of the local union of which the foreman and Mr. Gorey are members.

I concur.

Mr. Swain stated that the Committee on Nonacademic Personnel had previously received this report and was prepared to support the recommendation.

On motion of Mr. Swain, the recommended settlement was authorized.

ACQUISITION OF PROPERTY AT 508 EAST JOHN STREET, CHAMPAIGN

(34) The property at 508 East John Street, Champaign, Illinois, consists of a lot 66 feet by 187 feet (12,342 square feet) with a frame residence which had been used as a rooming house but which was recently seriously damaged by fire. Since this property is in the area within the University's land acquisition program, it is important that the University acquire it now, and before the house is rebuilt and the cost of acquiring it increases accordingly. Until it is required as a site for a University building, the land can be used as a University parking lot, it being situated in an area where parking space is greatly needed.

The property is zoned for B-2 business operations which is the general classification of the University business district in Champaign.

The University has secured two appraisals of the property, one appraising its value at \$25,000 and the other at \$32,000. University officers believe that \$29,000 constitutes a fair and reasonable price for the property. That figure is in line with appraisals and would represent a land acquisition cost of \$2.35 per square foot, which compares favorably with other recent property purchases near the campus ranging from \$2.33 to \$5.83 per square foot.

Funds for the purchase of the property are available in the contingencies item in the state capital appropriations to the University for 1957-59, subject to release by the Governor. The Director of the Physical Plant and the Vice-President and Comptroller recommend the purchase of this property at a price of \$29,000 and that the Comptroller and the Secretary of the Board be authorized to execute the necessary documents, subject to the approval of the same

and of the title by the Legal Counsel, and further recommend that the Legal Counsel be authorized and directed to take the necessary steps to institute a condemnation suit and acquire the property through the exercise of the University's right and power of eminent domain in the event the owner refuses to sell the property to the University at the \$29,000 figure.

I concur.

Mr. Williamson reported that this recommendation had previously been submitted to and was considered by the Committee on Buildings and Grounds.

On motion of Mr. Williamson, the acquisition of this property at a purchase price of \$29,000 was authorized; and if the owner refuses to sell at that figure, the Legal Counsel is authorized to institute a condemnation suit for the acquisition of this property through proceedings in eminent domain. This action was taken by the following vote: Aye, Mr. Bissell, Mr. Hughes, Mr. Livingston, Mr. Nickell, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Stratton.

On motion of Mr. Williamson, the Board adjourned.

A. J. JANATA
Secretary

PARK LIVINGSTON
President

APPENDIX

**RECOMMENDATIONS OF THE UNIVERSITY BUILDING PROGRAM
COMMITTEE FOR THE 1959-61 BIENNIUM INCLUDING
THE TENTATIVE PROGRAM FOR 1961-63
AND AN ESTIMATE OF THE ADDITIONAL CAPITAL NEEDS
FOR 1963-69**

(Approved by the Board of Trustees July 29, 1958, page 36)

INTRODUCTION

The Building Needs of the University

Two kinds of needs are considered in the building program of the University: (1) catching up with the past, and (2) constructing buildings fast enough to make room for the future. Both kinds require quick action on a large scale if the facilities of the University are not to "bottle-neck" when they are needed most.

CATCHING UP WITH THE PAST

Although the University of Illinois has a large and imposing campus, the University does not have all the classrooms, libraries, laboratories, and offices that it really needs for its present requirements. If there were no backlog of needs, the problem of how to care for future enrollment increases and related demands might not be quite so serious.

When the University was asked last year for a summary of the building needs for the next ten years, in preparation for the bond issue, the University of Illinois more than filled its proposed allocation of funds from its list of buildings *needed right now*. These were the buildings that had been approved by the University building committee in the past and had been submitted to the Budgetary Commissions of previous sessions of the General Assembly. Although the need was not questioned, final appropriations were always far less than the amount asked — always in the hope that it would be easier to catch up with these deferred projects at some time in the future.

This accumulation of a building backlog has been in progress for 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; finally, in the postwar period when the state began a valiant attempt to make up past deficiencies. But the higher enrollments of veterans and a higher proportion of college-minded youth than ever before increased the demands.

Just to hold even became a problem. Buildings went up, but there was no net gain in meeting the total building deficit. In fact, the backlog of needs increased rather than decreased.

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. Going back from the present these are the results:

In 1957 the University requested \$35,674,000; it received \$14,275,000.

In 1955 the University requested \$37,185,000; it received \$ 8,855,000.

In 1953 the University requested \$34,979,000; it received \$ 8,096,000.

In 1951 the University requested \$39,580,000; it received \$ 6,875,000.

The story is 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, when during the 1920's the University of Illinois did get its building supply into adequate relationship to its then current enrollment.

But what was adequate in the 1920's is not adequate now. What was new then, requiring little maintenance, is beginning to show the effects of constant use over a quarter of a century. Some laboratories are more than fifty years old and require rewiring, safety, fire, and lighting improvements, and further remodeling to fit changing uses and programs.

The "temporary" barracks buildings acquired after the War have now been in use for a decade. Thus, the University must use more and more of its funds for remodeling and renovation of existing buildings. Over \$5,000,000 of the 1957 request of the University was needed for such work.

MAKING ROOM FOR THE FUTURE

That an unprecedented number of students will want to enroll in our colleges and universities in the next ten to fifteen years hardly needs demonstration at this date. The accelerated building of public schools 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 Joint Commission of Higher Education made a detailed study of the outlook for Illinois and arrived at the same conclusion.

The present high enrollments in our universities come from the smallest college-age group in the past twenty-five years. They represent children born during the period when marriages and birth rates reached their lowest point. The reason for the current level, in spite of the small total number from which the students are drawn, is that the *proportion* of college-age youth who go to college has been climbing rapidly.

When this increased ratio of actual to potential enrollments is applied to the college population in the decade between 1960 and 1970, there is only one answer. Since the birth rates doubled during and after the War compared with the previous decade, we must prepare for at least twice as many college students before 1970.

What does this mean in terms of buildings and space to be provided? Obviously, it does not mean duplicating the entire physical plant of the University, for many functions can be performed for much larger numbers with relatively small additions of space. After its study of coming needs the University has prepared a building program for the five biennia, 1959-69, which calls for total expenditures as follows:

Chicago Professional Colleges.....	\$ 32 500 000
Chicago Undergraduate Division — to provide permanent quarters for the present program and student body (with some latitude for expansion).....	\$ 50 000 000
Urbana-Champaign.....	\$116 000 000
	\$198 500 000*

There are, of course, certain assumptions that must be made in arriving at a figure to apply to a ten-year building program. For example, the figure given above for the Chicago Undergraduate Division provides largely only for a continuation of the present program on a permanent site, since the nature and timetable of expansion to four-year programs have not yet been determined. Other changes in programs or shifts in enrollments to courses requiring laboratory facilities would also increase these estimates of cost.

It is 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.

All of this means that the figures are realistic assumptions about the character of future needs. They represent the best estimates that can be given today for the kind of program in the future that the people of Illinois have shown that they want and expect from the University of Illinois.

PLANNING PROCEDURES

This is a long-range plan based upon uniform standards applied throughout the institution. The plan is flexible and susceptible to continuing refinement and revision. It is the result of a unique approach to planning which utilizes the faculty and staff from throughout the University as well as consultants.

The procedure followed in developing the ten-year estimated needs started with the circulation of a carefully-designed questionnaire to all colleges and departments, asking them to apply the given standards (developed by the University Space Planning Office) to determine their present space deficiencies and the facilities required to accommodate a 75 per cent increase in enrollment by 1969.

* This does not include residence halls, which are largely self-supporting.

This resulted in an inventory of needs totaling \$411,000,000, much of which was to come from sources other than state appropriations. It should be noted that housing and other self-supporting activities are included. Careful analysis, reduction of standards to the minimum considered satisfactory, and increasing somewhat the Chicago Undergraduate Division program, resulted finally in the ten-year totals of Table I.

The next step in the procedure was to request each dean to list the projects of his college in relative order of need. This priority consideration by the colleges assisted the Committee in arriving at its recommendations for the 1959-61 biennium. It was necessary, however, to develop the planning policies before the Committee could make final priority separations among the wide variety of needs.

The basic planning policy is simple and comprehensive. It rests upon the premise that the University of Illinois is an instrument of the people of the state and that it should be devoted: (1) to the education and training of youth; (2) to 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 state's life such as agriculture, industry, commerce, and government; all to the ultimate end that the University shall contribute to civic health and economic prosperity, and to the enrichment of the lives of its citizens.

The planning assumptions upon which the program for each of the campuses has been developed are listed in the Appendix.

TABLE I
Tentative Summary of the 1959-69 Building Program
(All amounts are in millions of dollars)

	<i>Period</i>	<i>Urbana- Champaign</i>	<i>Chicago Under- graduate Division</i>	<i>Chicago Profes- sional 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	Total	116.0	50.0	32.5	198.5

TABLE II
Recommended Schedule of Capital Projects for the 1959-61 Biennium
(Analyses and justifications of the individual projects recommended for the 1959-61 biennium appear in the Appendix)

1. Building Projects	
1. Education Building.....	\$3 230 000
2. Completion — First stage Physics Building.....	280 000
3. Completion — First stage Fine and Applied Arts Building.....	250 000
4. Commerce Building.....	2 800 000
5. Completion — Medical Research Laboratory, Chicago Professional Colleges.....	415 000
6. Physics Building, Second stage.....	3 140 000
7. Remodeling, Rehabilitation, and Minor Additions — Urbana-Champaign (Schedule A).....	1 000 000
8. Library, Seventh Addition.....	1 350 000
9. Medical Sciences Addition — Chicago Professional Colleges....	3 400 000
10. Fine and Applied Arts Building, Second stage.....	500 000
11. Remodeling, Rehabilitation, and Minor Additions — Chicago Professional Colleges (Schedule B).....	1 909 000
12. Physical Plant Service Building — Chicago Professional Colleges (acquisition by purchase).....	300 000

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

13. Biology Building, Second stage.....	2 525 000 ¹
14. Physical Plant Service Building — Urbana-Champaign.....	2 000 000
15. Electrical Engineering Addition.....	2 500 000
16. Plant Sciences, Agronomy.....	4 900 000 ²
17. Smith Music Hall Addition.....	1 380 000
	(31 879 000)
II. <i>Utilities Distribution and Power Plant</i>	
Urbana-Champaign.....	7 100 000
Chicago Professional Colleges.....	200 000
Chicago Undergraduate Division.....	5 500 000
	(12 800 000)
III. <i>Land and Planning</i>	
Land Acquisition	
Urbana-Champaign (Schedule C).....	2 250 000
Chicago Professional Colleges.....	(515 000) ³
Chicago Undergraduate Division.....	3 500 000 ⁴
Plans and Specifications	
Urbana-Champaign (Schedule D).....	900 000
Chicago Professional Colleges.....	200 000
Chicago Undergraduate Division.....	1 000 000
	(7 850 000)
IV. <i>Protection of Life and Property, and Public and Street Improvements</i>	
Life and Property	
Urbana-Champaign (Schedule E).....	350 000
Chicago Professional Colleges.....	200 000 ⁵
Public and Street Improvements	
Urbana-Champaign (Schedule F).....	900 000
	(1 450 000)
V. <i>Funds to Supplement Outside Grants (Schedule G)</i>	
Urbana-Champaign.....	800 000
Chicago Professional Colleges.....	100 000
	(900 000)
<i>Grand Total</i>	\$54 879 000
<i>Summary by Campus</i>	
Urbana-Champaign.....	\$38 155 000
Chicago Professional Colleges.....	6 724 000
Chicago Undergraduate Division.....	10 000 000
<i>Grand Total</i>	\$54 879 000

Schedule A — 1959-61 Biennium

REMODELING, REHABILITATION, AND MINOR ADDITIONS — URBANA-CHAMPAIGN

Appropriation — \$1,000,000

Improvements and rehabilitation of existing buildings are urgently needed. The following, *not* listed in any order of priority, are examples of such needs.

1. Remodeling of English Building for use by the Department of Physical Education for Women.
2. Remodeling of that area vacated by Physics Department in Physics Laboratory for use by Mining and Metallurgical Engineering Department.
3. Remodeling of area vacated by Physiology Department in Natural History Building for use by Botany Department.
4. Remodeling of area vacated by Department of Bacteriology in Noyes Laboratory for use by Chemistry and Chemical Engineering Department.
5. Remodeling of area vacated by University Press in basement of Administration Building for expansion by other administrative units in building.

¹ Assumes the Department of Zoology will continue to use the Vivarium.

² Assumes completion of required space for Agronomy including greenhouses (based on new reduced standards).

³ To be provided through appropriations to the Medical Center Commission.

⁴ Subject to adjustment after site has been selected by Board of Trustees.

⁵ To correct a potentially dangerous overload condition in the electrical distribution system in the old hospital section.

6. Remodeling of Huff Gymnasium for Sports Psychology Laboratory, dark room, and finish basement and swimming pool.
7. Minor Addition to Talbot Laboratory for needs of Theoretical and Applied Mechanics Department.
8. Minor Agriculture structures.
9. Remodeling of McKinley Hospital kitchen, including certain fixed equipment.
10. Minor construction for Home Management and Nutrition Research (Home Economics).
11. Remodeling of science units at University High School.

All of the above can not be financed from the appropriations requested, so similar appropriations in each biennium are urgently needed to reduce the large backlog which has been accumulating in the older buildings.

Schedule B — 1959-61 Biennium

REMODELING, REHABILITATION, AND MINOR ADDITIONS — CHICAGO PROFESSIONAL COLLEGES

Appropriation — \$1,909,000

The remodeling proposed for this biennium is a necessary next step in the planned program of the colleges.

1. Phase II in remodeling the administrative space.....	\$ 31 000
2. Locker rooms in basement of east wing.....	100 000
3. Elevator rehabilitation.....	135 000
4. Fire and safety improvements in hospital.....	30 000
5. Rehabilitation of biochemistry laboratory.....	45 000
6. Remodeling basement for orthopaedics.....	66 000
7. Remodeling center section of hospital laboratory.....	259 000
8. Remodeling radioisotope laboratory.....	120 000
9. Rehabilitation and remodeling in Neuropsychiatric Institute.....	87 000
10. Rehabilitation in pharmacology laboratory.....	7 000
11. Locker rooms.....	30 000
12. Rehabilitation of dietary laboratory.....	10 000
13. Obstetrics-Gynecology tube system.....	10 000
14. X-ray view room.....	150 000
15. Construction at the Drug and Horticultural Station.....	169 000
16. Snack bar.....	20 000
17. Remodeling on ninth floor.....	40 000
18. Remodeling Physical Plant Service Building (to be purchased).....	600 000
<i>Total</i>	<u>\$1 909 000</u>

Schedule C — 1959-61 Biennium

LAND ACQUISITION — URBANA-CHAMPAIGN

Appropriation — \$2,250,000

The construction of a major building requires approximately two years to complete. Therefore, the land necessary to serve as a site must be acquired 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 and for its expansion (which will be needed during the next ten-year period).

Funds should also be available when 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.

Schedule D — 1959-61 Biennium

CAMPUS PLANNING AND BUILDING STUDIES — URBANA-CHAMPAIGN

Appropriation — \$900,000

The University should recognize 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. It is a physical impossibility to prepare plans and specifications, take bids, and complete the construction of a building in a biennium. Therefore, funds should be appropriated for building studies and, whenever possible, for plans and specifications in the biennium prior to that in which

construction is to be started (i.e., funds appropriated in 1959-61 for building studies would be expended on building projects to be constructed in 1961-63). This procedure would eliminate the need for reappropriating funds and allow more effective planning and designing of future University buildings.

This appropriation would provide for:

1. Completion of plans and specifications for \$15,000,000 of project costs..	\$500 000
2. Completion of building studies <i>only</i> for \$15,000,000 of project costs...	230 000
3. Related Physical Plant costs.....	20 000
4. Continuation of campus planning studies for all campuses.....	150 000
<i>Total</i>	<u>\$900 000</u>

Schedule E — 1959-61 Biennium

PROTECTION OF LIFE AND PROPERTY — URBANA-CHAMPAIGN

Appropriation — \$350,000

1. Natural History Building.....	\$225 000
a. Enclose (or relocate and enclose) the main stairs and elevator shaft.	
b. Replace elevator with modern worm-gear traction equipment and automatic controls.	
c. Enclose north stairs or construct cutoff at each floor with smoke barrier.	
2. Illini Hall.....	\$ 50 000
Enclose the remaining stairways or construct smoke barriers at the foot of each flight of stairs.	

The absence of fire retardant enclosed stair towers has long been recognized as a principal contributing cause of major fires resulting in the serious loss of life and property that could otherwise be prevented. The National Board of Fire Underwriters has stated probably the most dangerous feature in the construction of school buildings is the open stairway.

The two buildings listed above are not the only buildings for which enclosed stair towers are recommended; they are, however, the most urgently needed based on the recommendations of the Safety Coordinator of the Safety and Fire Protection Board.

3. The ammonia refrigeration system used for the Ice Skating Rink has failed. It must be replaced by a new, safer freon system in order to keep the rink in service.....	\$ 75 000
<i>Total</i>	<u>\$350 000</u>

Schedule F — 1959-61 Biennium

PUBLIC AND STREET IMPROVEMENT PROJECTS — URBANA-CHAMPAIGN

Appropriation — \$900,000

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 receives benefits.

Four such projects on which the University has requested to contribute its proportionate share in the 1959-61 biennium are:

1. The expansion of the Urbana-Champaign Sanitary District Plant facilities and the construction of intercepting sewers.....	\$178 000
2. The construction of a diversionary channel around the north side of the community to lift some of the pressure from the main storm water outlet, the Boneyard Creek, by discharging part of the runoff into the Saline or west branch of the Salt Fork River.....	115 200
3. The improvement of the main channel of Boneyard Creek between Goodwin and Cunningham Avenues, including sheet steel piling on the banks from Race Street to Lincoln Avenue.....	72 000
4. The repaving of Green Street from Wright Street to Goodwin Avenue..	133 100

The following additional projects are recommended:

a. Improvement of First Street from Florida Avenue to approximately 650 feet south of St. Mary's Road.....	187 300
b. Improvement of Fourth Street from Florida Avenue to St. Mary's Road.....	123 300

These projects are recommended to handle the vehicle and pedestrian traffic to and from the Assembly Hall and adjoining planned parking facilities.

- c. The relocation and widening of the Illini Union drive..... 47 100
This improvement will rearrange the entrances to line up with Burrill Avenue and Kings Highway and will localize the points of traffic congestion on Green Street. The drive is to be widened to 24 feet which will allow for either two-way traffic if there is no parking permitted along the drive, or provide for parking on one side and the safe passage of University fire apparatus and/or other vehicles.
- d. The replacement of present bridge on Burrill Avenue..... 40 000
This improvement is a part of the Burrill Avenue widening project being planned to accommodate right-angle parking.

Schedule G — 1959-61 Biennium

FOR MATCHING FUNDS FROM FEDERAL, PRIVATE, AND OTHER GRANTS

Appropriation — \$900,000

Grants may become available for which matching or supplemental funds will be required. The appropriation requested will be adequate for one to three of the projects listed. The starred items have had various degrees of assurance of outside support.

Examples of such projects are as follows:

- *1. Institute of Labor and Industrial Relations
- 2. Physical Environment Laboratory
- *3. Veterinary Medicine — Secure Isolation Ward
- 4. Radio Astronomy Facility
- 5. Biophysics Project
- 6. Bioacoustics Laboratory
- *7. Research Methods for Sociology and Anthropology
- 8. Public Service Training Center (Continuation Center)
- 9. R.O.T.C. Facilities
- 10. Radioisotope Laboratory
- 11. Electron Microscope Laboratory

TABLE III

Preliminary Tentative Building Program for the 1961-63 Biennium

These cost estimates are preliminary approximations. They will be revised as this tentative program is developed during the next two years. All of these projects are subject to continuing study. It will probably be necessary to make substitutions, as urgency of need may change during the next two years.

I. <i>Chicago Undergraduate Division</i>	\$35 000 000
II. <i>Building Projects (not in order of priority)</i>	
1. Addition to Hospitals — Chicago Professional Colleges.....	8 300 000
2. Aeronautical Engineering Building, First stage.....	600 000
3. Biology Building, Entomology section.....	1 600 000
4. Central Receiving Station.....	260 000
5. Civil Engineering Building.....	4 000 000
6. East Chemistry Addition.....	4 100 000
7. Fine and Applied Arts Addition, City Planning and Landscape Architecture, or Fine and Applied Arts Library.....	580 000
8. Fire Station, South.....	120 000
9. Physical Plant, Administrative Offices.....	520 000
10. Remodeling, Rehabilitation, and Minor Additions — Chicago Professional Colleges.....	470 000
11. Remodeling, Rehabilitation, and Minor Additions — Urbana-Champaign.....	1 500 000
12. Relocation of South Garage and Motor Pool.....	240 000
13. University Press Addition.....	310 000
14. Veterinary Medicine, Completion of Small and Large Animal Clinic.....	740 000
15. Women's Physical Education Addition.....	1 400 000
	(24 740 000)
III. <i>Utilities Distribution and Power Plant</i>	
Urbana-Champaign.....	5 000 000

IV. *Land and Planning*

Land Acquisition	
Urbana-Champaign.....	1 000 000
Chicago Professional Colleges.....	(750 000) ¹
Plans and Specifications	
Urbana-Champaign.....	500 000
	(1 500 000)

V. *Protection of Life and Property, and Public and Street Improvements*

Life and Property	
Urbana-Champaign.....	400 000
Public and Street Improvements	
Urbana-Champaign.....	700 000
	(1 100 000)

VI. *Funds to Supplement Outside Grants*

Urbana-Champaign.....	900 000
Chicago Professional Colleges.....	100 000
	(1 000 000)
<i>Grand Total</i>	\$68 327 000

Summary by Campus

Urbana-Champaign.....	\$24 470 000
Chicago Professional Colleges.....	8 870 000
Chicago Undergraduate Division.....	35 000 000
<i>Grand Total</i>	\$68 340 000

TABLE IV

Preliminary Estimate of Capital Needs 1963-69

The facilities and capital requirements listed here will be needed during the period 1963-69. All projects are subject to continuing study. Substitutions and refinements of this list will occur as the needs change during the next ten years. The cost estimates are based on assumed 1959 levels. Projects are listed alphabetically.

<i>Project</i>	<i>Estimated Cost</i>
1. Chicago Undergraduate Division.....	\$5 000 000 ²
2. Drug and Horticultural Building — Chicago Professional Colleges	440 000
3. East Dentistry-Medicine-Pharmacy Building Completion — Chicago Professional Colleges.....	4 770 000
4. Electrical Distribution Additions — Chicago Professional Colleges	100 000
5. Gymnasium-Auditorium — Chicago Professional Colleges.....	1 400 000
6. Hospital Addition — Chicago Professional Colleges.....	600 000
7. Libraries Additions — Urbana-Champaign.....	4 950 000
8. Medical Research Laboratory Completion — Chicago Professional Colleges.....	2 000 000
9. Medical Sciences Laboratory Addition — Chicago Professional Colleges.....	2 000 000
10. Remodeling, Rehabilitation, Additions, Minor Structures, and Fire Protection — Urbana-Champaign.....	4 545 000
11. Remodeling and Minor Additions — Chicago Professional Colleges	5 370 000
12. Street and Public Improvements — Chicago Professional Colleges	300 000
13. Teaching and Research Facilities — Urbana-Champaign.....	36 270 000
14. Utilities Distribution, Power Plant Additions, Street and Public Improvements, Extensions of Other Basic Services, Land Acquisition and Planning — Urbana-Champaign.....	7 570 000
<i>Grand Total</i>	\$75 315 000
<i>Summary by Campus</i>	
Urbana-Champaign.....	\$53 335 000
Chicago Professional Colleges.....	16 980 000
Chicago Undergraduate Division.....	5 000 000 ¹
<i>Grand Total</i>	\$75 315 000

¹To be provided through appropriations to the Medical Center Commission.

²Additional funds will be required when the enrollment exceeds 6,000 students, some of whom may be juniors and seniors.

APPENDIX

Planning Assumptions

URBANA-CHAMPAIGN CAMPUS

1. Although the enrollment for 1969 has been estimated by the Bureau of Institutional Research for 33,500, it is proposed at this time that permanent academic facilities be planned for 30,000.
2. Planning will assume continued plant growth after 1969.
3. Planning will allow for the possibility of a change in the ratio of freshmen and sophomores to juniors, seniors, and graduate students.
4. The housing program will continue to be financed through income. However, it is assumed that capital appropriations will include funds to provide land and the utility extensions.
5. The recommended program is based on reduced standards for space.
6. Planned utilization of space will be higher than at present.
7. A total area of approximately 230 gross square feet per student (exclusive of housing, Union Building, etc.), will be the base of estimates.
8. Construction costs will be estimated at the 1959 level which assumes an increase of $4\frac{1}{2}$ per cent per year over the 1957 unit cost estimates.
9. Generally speaking, land acquisition and building planning must be completed the biennium preceding the two years used for construction. This requires that priority decisions for construction be made four years in advance.

CHICAGO PROFESSIONAL COLLEGES

1. Land acquisition will continue to be financed from appropriations to the Medical Center Commission.
2. The following projects will be financed on a self-supporting basis: Laundry; Medical Center Steam Plant; Addition to the Chicago Illini Union; Housing.
3. 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 in enrollment, intensification of research, and improvement in service.
 - d. Obsolete condition of 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 really thoughtful study of what is needed to produce the facilities for a first-rate group of Colleges of Medicine, Dentistry, Pharmacy, and Nursing.
4. The space estimates are based on the same standards and reductions as are in effect at Urbana-Champaign.
5. The program is based on vertical planning for the hospital and the clinic facilities, for the following reasons:
 - a. It improves the ability to provide ancillary services closer to the patient.
 - b. It improves operating economies. (Operating costs are more significant than capital costs due to the fact that the operation and maintenance costs equal the capital cost over a two- to four-year period.)
 - c. In earlier periods, patients were isolated in separate buildings according to their illness. This is no longer considered sound-planning principles, because the treatment of the illness requires more than one specialty of service. Furthermore, for teaching purposes, the segregation of such illnesses is not considered wise.
 - d. The land area available for construction within the Medical Center is highly restricted.
6. The proposed planning and development results in approaching the maximum construction that can be anticipated within the immediate physical area.
7. Clinical facilities in the Medical Center District will be available to the University of Illinois supplementing those of the Research and Education Hospitals.

CHICAGO UNDERGRADUATE DIVISION

The University has employed the Real Estate Research Corporation to recheck sites previously considered for the relocation of the Chicago Undergraduate Division and to analyze additional sites which have been recently proposed.

The principal criteria which are being applied to the various sites are as follows:

1. Criteria Stated as *Minimum Standards Which Must Be Met By All Sites.*

a. Accessibility:

- (1) By public transportation, with a maximum travel time of one hour and a maximum fare (at present fare levels) of 57½ cents for a one-way trip, from the homes of at least 50 per cent of the student potential residing in Cook and DuPage Counties.
- (2) Either by public transportation as stated above, or by private automobile with a maximum driving time of forty-five minutes, from the homes of at least 85 per cent of the student potential residing in Cook and DuPage Counties.

b. Availability:

The site must be available on a schedule which permits beginning of construction by July, 1960, and the complete operation of the first stage (6,000 students) by the fall of 1963; and also the balance of the site available by 1965 for construction of those buildings needed for the second stage.

2. General Criteria (for application to sites meeting minimum standards).

a. Expansibility:

Sites with areas above minimum requirements, or with feasible possibilities of expansion, are to be preferred over sites lacking these qualities.

b. Cost:

Sites with low costs are to be preferred to sites with high costs. Such costs include:

- (1) Acquisition cost of the land.
- (2) Development cost of the site.
- (3) The possibility of building low-rise, low-density structures as opposed to higher cost, high-rise buildings.

c. Environment:

Sites adjacent to environmental factors which would assist the educational mission of the campus are to be preferred over sites with neutral or unfavorable environmental surroundings. Environmental factors to be evaluated for specific sites include:

- (1) General environment, particularly as to land use, physical condition, identification, prestige, and safety.
- (2) Adjacency to cultural or other facilities which could be used by the University.
- (3) Proximity to areas of superior opportunities for desirable faculty housing, and of potential employment for students.

The first stage of this program will provide permanent space approximating 1,000,000 square feet, which will accommodate 6,000 students in a two-year program. It will also provide the facilities and the opportunity to start a four-year program in certain curricula. It is estimated that this phase of the program will cost approximately \$50,000,000, but the cost will vary with the site finally selected. The studies being conducted by the Real Estate Research Corporation will be completed in September, 1958. Funds will be requested in the 1959-61 biennium to complete site acquisition, architectural and engineering studies in order to start construction in 1960. This schedule will result in completion of construction on the first phase of the program, i.e., for 6,000 students in a two-year curricula, by the fall of 1963.

Planning for the second stage of this program is for an enrollment of 15,000 in a four-year program by 1969.

Analyses of Building Projects Recommended for the 1959-61 Biennium

CHICAGO UNDERGRADUATE DIVISION

The amounts requested in 1959-61 will permit the construction program to get into full operation so that the major construction planned for the subsequent biennium can be accomplished.

Site preparation, utilities distribution, and streets and walks location can be started as soon as a cleared site is available. Also, construction may be started on certain buildings — if building plans and specifications have been pushed forward.

The requests for 1959-61 are for:

Land acquisition.....\$ 3 500 000¹

¹ Subject to adjustment after site has been selected.

Plans and specifications	1 000 000
Site preparation and start of construction	3 500 000
<i>Total</i>	<u>\$10 000 000</u>

CHICAGO PROFESSIONAL COLLEGES

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 buildings 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 disciples 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 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.

Construction of a Medical Sciences Addition to the Dentistry-Medicine-Pharmacy Building, First Unit

Appropriation — \$3,400,000

Such construction will accomplish the following:

1. Provide the space required to meet the existing deficiencies in the Departments of Anatomy, Biochemistry, Microbiology, Pharmacology, Pathology, and Physiology of the College of Medicine. It will also provide limited areas for growth and development in these departments in proportion to their educational responsibilities.
2. It will permit:
 - a. Relocation of the teaching laboratories for the Departments of Microbiology and of Pathology.
 - b. Relocation of the Aeromedical and Physical Environment Laboratory, thus vacating an area which will provide for hospital development.
3. Vacate space (approximately 10,000 square feet) in the Dentistry-Medicine-Pharmacy Building, Second Unit, which will meet the existing deficiencies of the College of Dentistry.

Completion of First Phase of the Medical Research Laboratories

Appropriation — \$415,000

The funds available for construction of the first unit of this building during the 1957-59 biennium are inadequate to provide major items of equipment. The above amount is required for this equipment.

Purchase of Physical Plant Service Building

Appropriation — \$300,000

For several years there has been the prospect that the needs of the Physical Plant Department of the Chicago Professional Colleges might be met by the acquisition of a building in the University's area of the Medical Center District. The Chicago Board of Education owns a building meeting these requirements. The University has been informed that the Board of Education plans to vacate the building about June, 1959, and has indicated its willingness to sell this building to the University. This provides an early means of resolving the long-standing deficiency of facilities for the basic service department. Funds for remodeling the building are included in Schedule B of this report.

The other requests for the Chicago Professional Colleges have been detailed elsewhere in this report. They are added here to tabulate the total as follows:

Remodeling, Rehabilitation, and Minor Additions (Schedule B)	\$1 909 000
Utilities Distribution	200 000
Plans and Specifications	200 000
Protection of Life and Property	200 000
Funds to Supplement Outside Grants	100 000
<i>Total</i>	<u>\$6 724 000</u>

URBANA-CHAMPAIGN

Completion of First Stage of Physics Building

Appropriation — \$280,000

In view of the fact that movable equipment would not be purchased and could not be used in the building until near the end of the biennium when construction work is nearing completion, it seemed to the best interests of the University to defer the request for equipment allocations to the second stage, thus leaving the greatest possible sum for actual building construction of the first stage.

Completion of First Stage of Fine and Applied Arts Building

Appropriation — \$250,000

In view of the fact that movable equipment would not be purchased and could not be used in the building until near the end of the biennium when construction work is nearing completion, it seemed to the best interests of the University to defer the request for equipment allocations to the second stage, thus leaving the greatest possible sum for actual building construction of the first stage.

*College of Education Building*1. *Size* — 57,000 net square feet; 95,000 gross square feet

	<i>Net Sq. Ft.</i>
2. <i>Space</i>	
a. Present assigned space (excluding University High School)	35,413
b. Estimated deficiency for present program	16,600
c. Estimate of total additional space required through 1969 (includes 'b' above)	30,202
d. Space to be vacated upon completion of project	

<i>Location</i>	<i>Net Sq. Ft.</i>	<i>Proposed Reassignment</i>
Gregory Hall	8,642	College of Liberal Arts and Sciences
1007 S. Wright	2,632	School of Social Work
1007½ S. Wright	1,417	Institute of Government and Public Affairs
1116 W. Illinois	690	Razed to provide sites for future construction
1208 W. Springfield	2,212	
1003 W. Nevada	2,140	
1001 W. Nevada	2,111	
P.G.U.'s (E.L.S.)	8,578	
	28,422	

3. *Statement of Relative Urgency*

Excerpts from the College's statement of relative urgency. Gross space shortage, inadequacy of present facilities, extreme dispersion of staff and the high percentage of temporary space combine to make the College's request an urgent one. Based on the original standards of the Building Program Committee, there is a deficit of approximately 23,300 square feet not including the space for Industrial Education and University High School. Over half of the College's existing space is in temporary-type facilities. One-fourth of the space is in the Parade Ground units which should be removed to complete the site development for the Men's Residence Halls. The College facilities are in twenty buildings dispersed from Springfield Avenue to Peabody Drive and from Lincoln Avenue to Fourth Street. The average square feet of office per staff member is approximately 74 net square feet with many staff members in offices of no more than 60 square feet.

*College of Commerce Building*1. *Size* — 53,000 net square feet; 88,000 gross square feet

	<i>Net Sq. Ft.</i>
2. <i>Space</i>	
a. Present assigned space	24,614
b. Estimated deficiency for present program	23,200
c. Estimate of total additional space required through 1969 (includes 'b' above)	47,148
d. Space to be vacated upon completion of project	

<i>Location</i>	<i>Net Sq. Ft.</i>	<i>Proposed Reassignment</i>
Commerce-F.A.A. Annex	2,161	Razed to provide sites for future construction
Sixth Street Building	171	
1007 W. Nevada	1,620	
514 E. Chalmers (duplex)	1,848	Razed to provide off-street parking facilities

3. *Excerpts from the College's Statement of Relative Urgency*

- a. If the College of Commerce and Business Administration is to maintain and improve its position in education for business it must have more space and more suitable facilities immediately. David Kinley Hall was constructed thirty years ago at a time when education for business was at a considerably different level and character than is true today. It has become increasingly difficult to keep present programs and activities up to date and it has been impossible, because of lack of facilities, to initiate new programs which should be offered by a well-balanced College of Commerce.
- b. It is estimated that next to the College of Education, the College of Commerce and Business Administration is the most crowded for their present program. The average net square feet of office space per staff member is as low as 86 net square feet with many of the staff in offices of less than 25 square feet. During the past year it has been necessary to further disperse the College by assignment and remodeling one new property and relocating the Bureau of Community Planning in temporary quarters to release space in David Kinley Hall. The College has also asked the College of Journalism and Communications to vacate space in the Commerce-Fine and Applied Arts Annex to provide office facilities for their staff next fall.

Completion of Physics Building

1. *Size* — 59,000 net square feet; 98,200 gross square feet

2. <i>Space</i>	<i>Net Sq. Ft.</i>
a. Present assigned space.....	90,645
Space under construction (some of this present space will be vacated upon completion of the space under construction).....	45,000
b. Estimated deficiency for present program.....	none
c. Estimate of total additional space required through 1969 (includes 'b' above).....	59,000
d. Space to be vacated upon completion of project	

<i>Location</i>	<i>Net Sq. Ft.</i>	<i>Proposed Reassignment</i>
Physics Building	53,561	Six departments of the College of Engineering will obtain some relief. The Department of Mining and Metallurgical Engineering will obtain major relief.

3. *Statement of Relative Urgency*

The space presently under construction in the first stage of the new Physics Building will not provide the Department with sufficient facilities to allow the complete vacation of the old Physics Building. It will be necessary for the Department to continue the use of the lecture rooms and a large portion of the research space in that building.

The completion of the second stage of the new 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 General Engineering, space for the Department of Mining and Metallurgical Engineering, and give indirect relief to the Departments of Mechanical and Aeronautical Engineering.

The plans for the second stage are completed and can be released for bids without delay. This is in accordance with the plans for increasing the construction capacity at Urbana-Champaign.

Seventh Addition to Library — Urbana-Champaign

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

The Library now circulates approximately 1,000,000 books and acquires 100,000 volumes annually. No additions to reading room or study space for faculty and students or work rooms for the staff have been made since 1929 when 11,465 students were registered, and the staff numbered 91 instead of the present 246. The stack addition currently under construction was designed for a maximum capacity of 500,000 volumes. It does not provide the other facilities listed and which were requested last biennium.

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 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 highest priority for the proposed addition.

Completion of the Art Building (Department of Art)

1. *Size* — 12,000 net square feet; 20,000 gross square feet

	<i>Net Sq. Ft.</i>
2. <i>Space</i>	
a. Present assigned space.....	38,116
Space under construction.....	46,303
Space to be vacated upon completion of the first stage.....	13,332
Total of present assigned space.....	71,087
b. Estimated deficiency for present program (if all the Department existing space is retained there will be no shortage for present program)	
c. Estimate of total additional space required through 1969 (includes 'b' above).....	36,953
d. Space to be vacated upon completion of project	

<i>Location</i>	<i>Net Sq. Ft.</i>	<i>Proposed Reassignment</i>
Survey Building	2,454	Razed to provide sites for new construction
Sixth Street Building	6,195	
505 S. Goodwin	1,482	
1009 W. Nevada	3,473	
1110 W. Illinois	3,920	
Civil Engineering Hall	3,890	College of Engineering
Lincoln Hall	1,339	College of Liberal Arts and Sciences
David Kinley Hall	2,031	College of Commerce and Business Administration

3. *Statement of Relative Urgency*

a. Projects within the College in the order of priority as submitted by the College, 1957.

<i>Project</i>	<i>Order of Priority</i>
Architecture	1
Art	2
Music	3
Small Homes Council	4
City Planning and Landscape Architecture	5
University Bands	6

b. Excerpts from the College's statement of relative urgency. The Department has been forced to limit enrollment of freshmen and of graduate students in painting and graphics. It has not been able to add needed sections in several service courses. The number of students in sections has increased far beyond the point where proper education procedures can be maintained.

There is great need for more studio space for present staff members. Only a quarter of the staff have such space. This will be an increasingly difficult situation in attracting new staff members.

c. The space included in the first stage of the Art Building is not sufficient to allow the vacation of any of the Department's existing space except 13,332

net square feet in the Architecture Building. However, it will allow the correction of the deficiencies mentioned in 'b' above and eliminate the necessity of night classes.

The completion of the second stage of the Art Building will allow the consolidation of the Department's facilities which are at present scattered in eight different buildings, and will release space urgently needed in Civil Engineering Hall, Lincoln Hall, and David Kinley Hall.

Second Unit of Biology Building (Department of Zoology)

1. *Size* — 58,000 net square feet; 97,000 gross square feet

	<i>Net Sq. Ft.</i>
2. <i>Space</i>	
a. Present assigned space.....	32,906
b. Estimated deficiency for present program.....	3,500
c. Estimate of total additional space required through 1969 (includes 'b' above).....	16,917
d. Space to be vacated upon completion of project	

<i>Location</i>	<i>Net Sq. Ft.</i>	<i>Proposed Reassignment</i>
Natural History Building	16,287	College of Liberal Arts and Sciences, Botany

3. *Statement of Relative Urgency*

The needs of laboratory sciences are the most urgent and some are dangerously critical. If we assume new buildings for (1) College of Education (space then becomes available for Psychology) and (2) Plant Sciences and the remaining Agricultural space in Davenport Hall (this space assigned to Geology), Liberal Arts and Sciences needs these new buildings:

- (1) Completion of Biology Building
(2) Chemistry Building

The other needs can be cared for in reassigned space in (1) Davenport Hall (for Geology), (2) Gregory Hall, (3) West Noyes Laboratory, and (4) Natural History Building.

- a. The completion of the Plant Science first unit for Agronomy will vacate space in Davenport Hall which has been assigned to the Geology Department, the Liberal Arts and Sciences number one priority.
b. Planning for Chemistry has been proposed and funds are requested which will enable the proposals for the Liberal Arts and Sciences number two priority in the 1961-63 biennium.
c. Botany — Liberal Arts and Sciences number three priority will be provided for in the Natural History Building upon completion of the second unit of the Biology Building.

Physical Plant Service Building

1. *Size* — 92,327 net square feet; 131,896 gross square feet

	<i>Net Sq. Ft.</i>
2. <i>Space</i>	
a. Present assigned space.....	151,078
b. Estimated deficiency for present needs.....	(1)
c. Estimate of total additional space required through 1969.....	23,090
d. Space to be vacated upon completion of project	

<i>Location</i>	<i>Net Sq. Ft.</i>	<i>Proposed Reassignment</i>
Agronomy Storehouse	9,066	Razed
Fire Station and Garage	6,920	Razed
Transportation Building	9,976	General Engineering
Woodshop and Foundry	10,200	Mechanical Engineering and Industrial Education
Furniture Warehouse	2,320	Razed
Garage and Shops, North	19,936	Razed
Physical Plant Service Building Annex	821	Razed
Paint, Key, and Shade Shop	3,328	Razed
Warehouse Annex	7,821	Razed
Warehouse No. 1	14,391	Razed
Warehouse No. 2	7,693	Razed
Mechanical Engineering Laboratory	2,805	Mechanical Engineering and Physical Environment Unit
Engineering Research Laboratory	1,485	Control Systems Laboratory
Small Homes Council Research Office	48	Razed

¹ Present assigned space would be adequate if consolidated in one location.

3. *Statement of Relative Urgency*

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 buildings, 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 frame 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 present facilities are a leading cause for 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 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 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. In other words, in from ten to twelve years such savings should nearly liquidate the state's investment in new and modern facilities designed to adequately serve the needs of the University.

Addition to Electrical Engineering Building (Department of Electrical Engineering)

1. *Size* — 36,600 net square feet; 66,000 gross square feet
2. *Space*

	<i>Net Sq. Ft.</i>
a. Present assigned space.....	97,212
b. Estimated deficiency for present program.....	8,000
c. Estimate of total additional space required through 1969 (includes 'b' above).....	35,957
d. Space to be vacated upon completion of project.....	none

3. *Statement of Relative Urgency*

The completion of this project will provide a maximum amount of additional usable space directly adjacent to the Department's existing facilities. The foundation and structure were originally designed with the proposed addition in mind, and will not require the use of additional land in the area. However, the space provided will not be sufficient to allow the vacation of any of the existing facilities presently used by the Department.

First Unit of Plant Science Building (Department of Agronomy)

1. *Size* — Building—64,000 net square feet; 104,000 gross square feet
Greenhouses—21,550 gross square feet
2. *Space*

	<i>Net Sq. Ft.</i>
a. Present assigned space (excluding greenhouses and farm buildings)...	44,057
b. Estimated deficiency for present program.....	7,500
c. Estimate of additional space required through 1969 (includes 'b' above).....	19,124
d. Space to be vacated upon completion of this project	

<i>Location</i>	<i>Net Sq. Ft.</i>	<i>Proposed Reassignment</i>
Davenport Hall	44,057	Geology

3. *Statement of Urgency of Need*

Because of the central location of Davenport Hall, its ultimate use is required for the College of Liberal Arts and Sciences. The space that can be vacated by construction for Agronomy will relieve the immediate need to construct space for Geology, the most pressing need in the College of Liberal Arts and Sciences.

*Addition to Smith Music Hall (School of Music)*1. *Size* — 21,700 net square feet; 38,400 gross square feet

	<i>Net Sq. Ft.</i>
2. <i>Space</i>	
a. Present assigned space.....	26,480
b. Estimated deficiency for present program.....	11,500
c. Estimate of total additional space required through 1969 (includes 'b' above).....	36,188
d. Space to be vacated upon completion of project.....	none

3. *Statement of Urgency of Need*

a. In order to meet the standards of the National Association of Schools of Music, 125 practice rooms would be required for the present enrollment. There are 69 available for this purpose. At present, 61 office-studios are used by 81 staff members for instruction in applied music. Ten additional spaces of this kind are urgently needed. Seventy per cent of the total program is carried on in temporary facilities not designed for this purpose.

b. The School of Music has 16 practice rooms (2,800 net square feet) and 15 office-studios (2,398 net square feet) in the properties at 606, 606½, and 608 South Mathews Avenue. It will be necessary to relocate these activities when an addition to the East Chemistry Building is constructed, if located as suggested by that Department.

The net square feet included in the proposed addition to Smith Music Hall is sufficient to enable the School of Music to meet the standards for practice rooms and office-studios, replace the facilities lost if the above-mentioned properties are razed, and provide expansion for their inadequate library facilities.

ROSTER, UNIVERSITY BUILDING PROGRAM COMMITTEE 1957-59

- G. A. BENNETT, Dean, College of Medicine, Chicago Professional Colleges
 B. L. DODDS, Dean, College of Education
 P. M. GREEN, Dean, College of Commerce and Business Administration
 R. P. HACKETT, Associate Dean of Commerce, Chicago Undergraduate Division
 T. S. HAMILTON, Associate Director, Agricultural Experiment Station
 C. S. HAVENS, Director, Physical Plant
 R. E. TERRY, Professor of Pharmacy, Chicago Professional Colleges
 A. S. WELLER, Dean, College of Fine and Applied Arts
 G. W. WHITE, Head, Department of Geology
 N. A. PARKER, Chairman; Head, Department of Mechanical Engineering
 J. V. EDSALL, Secretary; Research Specialist in charge of Space Planning Office
 E. L. STOFFER, University Architect
 W. C. HUNTINGTON, Consultant on Building Program; Professor of Civil Engineering, *Emeritus*
 A. M. RICHARDSON, Consultant on Campus Planning; A. M. Richardson and Associates
 J. E. BAERWALD, Consultant on Traffic and Parking; Associate Professor of Traffic Engineering

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

September 30, 1958



The September meeting of the Board of Trustees of the University of Illinois was held in the Peoria Country Club, Peoria, Illinois, on Tuesday, September 30, 1958, beginning at 2:00 p.m., central daylight saving time.

The following members of the Board were present: Mr. Cushman B. Bissell, Mr. Wirt Herrick, Mrs. Doris S. Holt, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Park Livingston, Mr. Vernon L. Nickell, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. Kenney E. Williamson. Governor William G. Stratton was absent.

Also present were President David D. Henry, Vice-President and Provost Gordon N. Ray, Dr. H. E. Longenecker, Vice-President in charge of the Chicago Professional Colleges, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Mr. Ralph F. Lese-mann, Legal Counsel, Director C. S. Havens of the Physical Plant Department, Mr. C. E. Flynn, 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 meeting of the Board of Trustees on May 29, 1958, 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 1235 to 1272, 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, 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 BARNHART, JR.	Lawrenceville, Illinois	Indiana
ANDREW JOHN COLLINS	Gary, Indiana	Indiana
STANLEY RICHARD FREIREICH	Skokie, Illinois	District of Columbia
RICHARD JAMES MATTESON	Joliet, Illinois	District of Columbia
SHELDON LEROY MINOW	Chicago, Illinois	District of Columbia
JOHN DANIEL MUTH	Park Forest, Illinois	Maryland
WILLIAM RUSSELL RICHARDS	Arlington Heights, Illinois	Michigan

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, 1958, and who have fulfilled all other legal requirements under Sections 1, 2, and 3 of the Illinois Accountancy Act of 1943 as amended:

ARTHUR GRANT BAILEY (Glen Ellyn)	JAMES GORDON GEIGER (Franklin Park)
RONALD HAINES BATES (Chicago)	JOHN VINCENT GIOVENCO (Chicago)
THERON RONALD BEESON (Rockford)	LARRY DAVID GIPPLE (Moline)
CHESTER F. BIEL (Niles)	MARTIN GOLDSHOLL (Park Forest)
JACK CYRUS BRIDGES (Rockford)	ARTHUR JOHN GOODSITE (Chicago)
HUGO DAVID BROD (Chicago)	HAROLD LEE GOURLEY (Roselle)
MALCOLM LEROY BROWN (Homewood)	DAVID FRANCIS GOVEDNIK (LaGrange)
ROBERT EARL BRUNSON (Champaign)	JOHN THOMAS GOWEN (Chicago)
WILLIAM STANLEY CABAJ, JR. (Chicago)	LAWRENCE JAY GRILL (Chicago)
DONALD CHARLES CALLAHAN (Chicago)	ELMORE CURTIS GRIPP (Evanston)
JOHN DAVID CARTLAND (Chicago)	JOHN FRANCIS GUY (Chicago)
DONALD EUGENE CATLIN (Decatur)	WILLIAM HENRY HALAMA, JR. (Chicago)
SYLVESTER JOHN CHODY, JR. (River Grove)	JACK CURTIS HOFFMANN (Macomb)
RALPH WILLIAM CONRAD (Skokie)	JAMES WILLIAM HUMPHREY (Chicago)
DALE ARLYN DODGE (LaGrange)	CLARENCE HOULTON JACKMAN (Peoria)
JOHN JOSEPH EGAN (River Forest)	STUART MORTON JAFFE (Chicago)
NORRIS KENNETH EKSTROM (Chicago)	RICHARD KENNETH JANGER (Chicago)
CHARLES WALTON ELLIOTT (Brookfield)	GORDON MALCOLM JOHNS (Wilmette)
GENE BELTON ELLISON (Broadview)	RONALD STUART KATCH (Chicago)
DONALD NEIL EYLER (Chicago)	JOHN STEPHEN KOACH (DeKalb)
WILLIAM JAMES FALSTAD (Chicago)	RICHARD LESLIE LABINGER (Chicago)
LAWRENCE FELDMAN (Highland Park)	RICHARD JAMES LANNON, JR. (Sauemin)
HERBERT MORTON FISHER (Chicago)	RUSSELL ELMER LARSEN (Park Ridge)
HAROLD WILLIAM FRITZ (Glen Ellyn)	DON CURTIS LEIN (Maquoketa, Iowa— temporary while in service)

RICHARD JOHN LES (Chicago)
 JAMES DONALD LEVEN (Chicago)
 JACK SKERBALL LEVIN (Glencoe)
 FREDERICK LINCOLN LILLY, JR.
 (Park Forest)
 ARTHUR TURNER MACKLIN, JR.
 (Chicago)
 ALFONSE THOMAS MALINOSKY
 (Homewood)
 CHARLES ELLARD MCCLELLAN (Moline)
 JOHN JOSEPH MCCONVILLE (Oak Lawn)
 THOMAS MICHAEL McDONALD
 (Northbrook)
 HARVEY NORMAN MEDVIN (Chicago)
 PAUL WILLIAM MELOY (Chicago)
 SHELDON PAUL MIGDAL (Chicago)
 STUART DAVID MISHLOVE (Chicago)
 RICHARD MURTON MOEN (Dolton)
 WILLIAM CHARLES MORRIS (Evanston)
 LAURANCE PAUL NATHAN (Chicago)
 JOHN FRANCIS O'SULLIVAN (Chicago)
 ROBERT NORTON PARKER (Champaign)
 KENNETH CHARLES PARKS (Urbana)
 NORMAN JOHN PATER (Chicago)
 JOHN WILLIAM PFEIFFER (Park Forest)
 RAYMOND EUGENE PINKLEY (Decatur)
 THOMAS HOWARD RANDOLPH (Chicago)
 FRANK GORDON REEDER (Park Ridge)
 DONALD LARUE RIECK (Springfield)
 FREDERIC MASON ROBISON (Urbana)
 FRANK ARWIN ROHWEDEL
 (West Chicago)

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. JEAN H. BAER, Counselor in the Student Counseling Service and Assistant Professor of Education and Social Sciences, Chicago Undergraduate Division, beginning September 1, 1958, at an annual salary of \$8,000 (BY).
2. LEON BESS, Assistant Professor of Physics, Chicago Undergraduate Division, on one-third time, beginning September 1, 1958, at an annual salary of \$2,200 (B33).
3. ALLEN M. BURKMAN, Assistant Professor of Pharmacology, College of Pharmacy, beginning September 1, 1958, at an annual salary of \$6,500 (D).
4. SVEN DANÖ, Visiting Research Associate Professor of Economics, for five months from September 1, 1958, at a salary of \$5,000 (G).
5. EDWARD L. DEAM, Assistant Professor of Architecture, beginning September 1, 1958, at an annual salary of \$7,500 (D).
6. REBECCA ELBINGER, Assistant Professor of Physical Sciences, Chicago Undergraduate Division, beginning September 1, 1958, at an annual salary of \$5,800 (D).
7. JULIA OUTHOUSE HOLMES, Professor of Nutrition, Home Economics Department, beginning September 1, 1958, at an annual salary of \$10,300 (AY).
8. RICHARD JERRARD, Assistant Professor of Mathematics, beginning September 1, 1958, at an annual salary of \$8,000 (B).
9. LOTHAR A. JOOS, Associate Professor of Climatology, Department of Horticulture (C and S), beginning September 1, 1958, without salary (DY).
10. CHARLES E. KING, Assistant Professor of Architecture, beginning September 1, 1958, at an annual salary of \$8,000 (D).

SANFORD ROSENBERG (Chicago)
 PAUL WILLIAM SCHLAKE (Chicago)
 DONALD BLAKE SCHONEBERGER
 (Park Ridge)
 ROBERT SCHUMAN (Chicago)
 CURT SELIGMAN (Chicago)
 CARROLL LAWRENCE SHAUGHNESSY
 (Skokie)
 EDWARD FRANCIS SHAUGHNESSY, JR.
 (Chicago)
 IRVING SHAYMAN (Chicago)
 FRED MICHAEL SHEEHAN, JR.
 (Chicago)
 CHARLES ELLIS SHEWALTER, JR.
 (Park Forest)
 HOWARD LOUIS SIDER (Chicago)
 EDWIN CARLYLE SIGEL (Melrose Park)
 VINCENT PERCIVAL SPARROW
 (Evanston)
 ARTHUR JEROME SPIEGEL (Chicago)
 HARRY EDWIN STEWART, JR. (Chicago)
 RICHARD B. STONE (Chicago)
 DON WALLACE SWANSON (Chicago)
 CHARLES ALEXANDER TRITSCHLER
 (Chicago)
 JOHN VAN CAMP (Chicago)
 MICHAEL LEONARD VERKLER (Peoria)
 RONALD BOHUMIL VLACH (Brookfield)
 WILLIAM FRANCIS WEIDNER (Chicago)
 ALBERT CHARLES WINTER (Rockford)
 ROBERT NEILL WITHERSPOON (Chicago)

11. JULIUS O. KOPPLIN, Assistant Professor of Electrical Engineering, beginning September 1, 1958, at an annual salary of \$7,500 (D).
12. ROBERT M. KOSANKE, Associate Professor of Botany, on one-tenth time, beginning September 1, 1958, at an annual salary of \$900 (DY10).
13. IRVING LYON, Assistant Professor of Biological Chemistry, College of Medicine, beginning September 1, 1958, without salary (DY).
14. XENIA MACHNE, Assistant Professor of Pharmacology, College of Medicine, beginning September 1, 1958, at an annual salary of \$7,660 (B).
15. NOEL D. MARTIN, Visiting Associate Professor of Pedodontics, College of Dentistry, on three-fourths time, for six months from September 1, 1958, at a salary of \$3,600 (DY75).
16. JAMES R. G. OLSON, Assistant Professor in the Bureau of Business Management, beginning October 1, 1958, at an annual salary of \$7,500 (DY).
17. JESSE R. PICKARD, Assistant Professor of Veterinary Extension, Department of Veterinary Pathology and Hygiene, in the College of Veterinary Medicine and in the Extension Service in Agriculture and Home Economics, beginning September 1, 1958, at an annual salary of \$8,400 (E-DY).
18. ERNEST E. PROVOST, Assistant Professor of Zoology, beginning September 1, 1958, at an annual salary of \$5,600 (D).
19. DONALD T. SHANNON, Assistant Professor of Psychology, beginning September 1, 1958, at an annual salary of \$7,000 (D).
20. GEORGE SINCLAIR, Visiting Research Professor of Electrical Engineering, for one year from July 1, 1958, without salary (FY).
21. ANN TRIANDIS, Assistant Professor of Psychology, on one-third time, beginning September 1, 1958, at an annual salary of \$2,200 (D).
22. JEANNETTE VEATCH, Visiting Associate Professor of Education, beginning September 16, 1958, at an annual salary of \$8,000 (E).
23. ROBERT C. WHITE, Map and Geography Librarian with rank of Assistant Professor, beginning September 1, 1958, at an annual salary of \$6,850 (BY).

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

APPOINTMENT TO THE BOARD OF DIRECTORS OF THE ATHLETIC ASSOCIATION

(3) The resignation of Professor Marcus M. Rhoades of the Department of Botany, who was appointed to the Board of Directors of the Athletic Association in March, 1958, leaves a vacancy in the faculty membership of that Board. To replace him, I nominate Professor Joseph A. Russell of the Department of Geography, this appointment to become effective immediately, to serve until the next annual meeting of the Board of Trustees in March, 1959.

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

SITE STUDIES FOR THE RELOCATION OF THE CHICAGO UNDERGRADUATE DIVISION

(4) The Real Estate Research Corporation of Chicago has been employed for site studies for the relocation of the Chicago Undergraduate Division and has been authorized to employ such engineers and planners as may be needed to expedite its studies.

It was contemplated that the report would be made on or before September 30, but it will not be possible to meet that schedule in view of the amount of work to be done on the various sites proposed and under consideration. Accordingly, the Real Estate Research Corporation, at their request, has been given an extension of time for the completion of this report.

On motion of Mr. Bissell, this extension of time was approved.

EDUCATIONAL GRANTS FUND

(5) The University has been receiving a number of unrestricted grants from business and industrial corporations. These are usually supplementary to grants for graduate fellowships, undergraduate scholarships, and for research. They are a recognition by the donors of the educational costs to the University in connection with fellowships and scholarships and service expense in the administration of research grants. In some cases these grants are in recognition by the officers of

a corporation that some of them have received their education at the University of Illinois.

I recommend that the Board authorize depositing all such income in a special trust fund designated as "Educational Grants Funds," and that the President of the University be authorized to make assignments from this source for nonrecurring educational purposes.

On motion of Mr. Hughes, this recommendation was approved, and authority was given as requested, by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton.

PURCHASE OF AIR RIGHTS AT UNIVERSITY OF ILLINOIS AIRPORT

(6) In accepting grants of funds from the Federal Civil Aeronautics Administration for the construction of the first unit of a terminal building and control tower at the University of Illinois Airport, the University agreed to try to acquire the property, or at least the air rights over the property, adjoining the north and south ends of the North-South Runway.

As a result of the negotiations with owners of the property at the south end of the runway, Mr. Elmer Clifford Fisher has agreed to sell the rights over fifty-two acres of the property he owns for \$1,783.46, or approximately \$34.30 an acre. Mr. Walter C. Fisher, who owns approximately seven acres, has agreed to a price of \$245, approximately the same per-acre price.

Air rights in this recommendation means an agreement by the owner of the land that he will not permit any growth or construction in the area covered by the agreement which would obstruct the take-off or landing of aircraft at a predetermined glide angle of fifty to one or an elevation of one foot for each fifty feet of horizontal distance.

The air space in which the easement and right-of-way will be granted by Mr. Elmer Clifford Fisher is that which lies above the following heights:

Commencing at an elevation of 772.79 feet mean sea level along the north side of the following described parcels of land and increasing in elevation as an inclined plane at a ratio of 50:1—one foot of elevation for each fifty (50) feet of horizontal distance—to an elevation of 799.05 feet mean sea level along the south side of the following described parcels of land:

The South West Quarter (SW $\frac{1}{4}$) of the South East Quarter (SE $\frac{1}{4}$) of Section Ten (10), Township Eighteen North (T 18 N), Range Eight East (R 8 E) of the Third Principal Meridian (3rd P.M.) in the County of Champaign and State of Illinois; and

The West (W) Four Hundred Ten (410) feet of the South East Quarter (SE $\frac{1}{4}$) of the South East Quarter (SE $\frac{1}{4}$) of Section Ten (10), Township Eighteen North (T 18 N), Range Eight East (R 8 E) of the Third Principal Meridian (3rd P.M.) in the County of Champaign, and State of Illinois.

The south end of North-South Runway 36, University of Illinois Airport, is 749.05 feet mean sea level elevation, and therefore the aforesaid heights are 23.74 feet on the north side of the above described parcels of land to fifty (50) feet on the south side of the above described parcels of land higher than the south end of said runway.

The air space in which the easement and right-of-way will be granted by Mr. Walter C. Fisher and Maude G. Fisher, his wife, is that which lies above the following heights:

Commencing at an elevation of 749.05 feet mean sea level along the north side of the following described parcel of land and continuing at said elevation to a line two hundred (200) feet south of the south end of North-South Runway 36, University of Illinois Airport, and parallel to the north line of the following described parcel of land thence increasing in elevation as an inclined plane at a ratio of 50:1—one foot of elevation for each fifty (50) feet of horizontal distance—to an elevation of 772.79 feet mean sea level along the south side of the following described parcel of land:

The West Two Hundred Twenty (220) feet of the North East Quarter

(NE¼) of the South East Quarter (SE¼) of Section Ten (10), Township Eighteen North (T 18 N), Range Eight East (R 8 E) of the Third Principal Meridian (3rd P.M.), in the County of Champaign and State of Illinois.

The south end of North-South Runway 36, University of Illinois Airport, is 749.05 feet mean sea level elevation and, therefore, the aforesaid heights are 0 feet on the north side of the above described parcel of land to 23.74 feet on the south side of the above described parcel of land higher than the south end of said runway. The easement grant will contain a reservation by the grantor permitting him to continue raising normal farm crops and, in areas where the height limitations are less than ten (10) feet above the present surface of the ground, grantor reserves the right to erect structures up to, but not in excess of, five (5) feet in height.

The Director of the Institute of Aviation and the Vice-President and Comptroller recommend the payment of \$1,783.46 to Mr. Elmer Clifford Fisher for the rights over the property owned by him and the payment of \$245 to Mr. Walter C. Fisher for the rights over the property owned by him, and an assignment of \$2,029 from the General Reserve of the University for this purpose.

Negotiations are underway for the acquisition of the property, or the rights over the property, adjoining the north end of the North-South Runway.

I concur.

On motion of Mrs. Holt, this recommendation was approved, and the requested appropriation was made by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton.

REMOVAL OF HOUSES AND CONSTRUCTION OF PARKING LOTS

(7) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts as follows for the removal of sixteen houses recently acquired by the University for future expansion:

To D. Earl Barnes, Urbana, \$205 to be paid to the University for removal of the house at 1102 West Illinois Street, Urbana.

To A.B.C. Wrecking Company, Chicago, \$1,375.11 to be paid by the University for removal of houses at 1011 West Springfield Avenue, 1006 West Green Street, and 1108 West Illinois Street, Urbana.

To Ray Cook, Danville, \$320 to be paid by the University for removal of the house at 201 South Gregory Street, Urbana.

To Harold and Byron Carden, doing business as Carden Brothers, Paxton, \$2,950 to be paid by the University for removal of houses at 1011, 1013, 1101, and 1103 West Green Street, and 1006, 1010, 1104, and 1106 West Illinois Street, Urbana, and 507 East Chalmers Street, Champaign.

To Glen D. Archer, Allerton, \$1,350 to be paid by the University for removal of houses at 508 East John Street and 509 East Chalmers Street, Champaign.

All prices are based on sealed bids received on these removals, and the recommendations are based on the lowest cost (or highest payment in the one case) to the University.

The properties at 508 East John Street and 1011 West Springfield Avenue will be used as parking lots. The properties at 507 and 509 East Chalmers Street are on the site of the new Faculty Club, but will be used temporarily as parking lots. The other properties are sites for the construction of student residence halls, and their removal will be paid for from Housing Division funds.

A bid was also received for the removal of the house at 1008 West Green Street, Urbana. However, it will be to the University's best interests to retain this house for use of the contractor in the construction of the residence hall for graduate students and include its removal as part of the specifications for that project. Accordingly, it is recommended that this bid be rejected.

I concur and recommend an appropriation of \$14,000 from the General Reserve for the removal of houses and for the construction of parking lots on the vacated sites at 508, 610, and 614 East John Street, Champaign. The buildings on the last two sites are being removed under contracts previously authorized.

On motion of Mr. Williamson, these recommendations were approved, and the requested appropriation was made by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton.

REAPPROPRIATION OF UNEXPENDED BALANCES

(8) 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, 1958, be reappropriated for the fiscal year beginning July 1, 1958, in accordance with usual policy.

I concur.

On motion of Mrs. Watkins, these reappropriations were approved by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton.

Urbana-Champaign

General administration and expense.....	\$27 721	
Chicagoland fair exhibit.....	\$ 228	
Provost Office, central office on the use of space..	4 122	
Provost Office, instructional television.....	83	4 433
Agriculture.....		\$32 154
Commerce and Business Administration.....		14 225
Education.....		644
Engineering.....		6 994
Technograph and open house.....	12 593	
Fine and Applied Arts.....	311	12 904
Graduate College.....		15 562
Graduate College golden anniversary.....	9 536	
Journalism and Communications.....	649	10 185
Law.....		9 234
Liberal Arts and Sciences.....		1 500
Physical Education.....		4 272
University Extension.....		4 197
Veterinary Medicine.....		20 148
Other schools and colleges.....		6 516
Library and Library School.....		3 592
Sandburg library.....	1 819 ¹	
Physical Plant	8 604	6 78
Regular operation and maintenance.....	339 403	
Renewals and replacements.....	95 664	
Junior Academy of Science conference.....	7 198	
Regional planning, Champaign County.....	9 000	
Traffic study.....	2 539	453 804
Unexpended plant		
Accounting, special equipment.....	2 905	
English Building, air conditioning.....	1 095	
Mumford Hall, alterations.....	420	
Agriculture administration, special equipment.....	15 550	
Agronomy, storehouse remodeling.....	980	
Dixon Springs, boys' camp improvements.....	5 683	
Food Technology, remodeling in Animal Sciences		
Laboratory.....	327	
Horticulture, purchase of truck.....	1 600	
Horticulture, steam boilers.....	969	
Horticulture Field Laboratory, chemical hood.....	101	
Commerce and Business Administration, equipment		
and remodeling.....	1 504	
University High School, special equipment.....	1 655	
Engineering laboratories, air flow.....	775	

¹ Deduct, overdraft.

Urbana-Champaign (Continued)

Unexpended plant (Continued)

Civil Engineering, special equipment.....	736
Electrical Engineering, special equipment.....	2 805
Mechanical Engineering, special equipment.....	172
Mining Laboratory improvements.....	3 246
Mining and Metallurgical Engineering, special equipment.....	3 072
Sixth Street Building, alterations and equipment.....	2 534
505 South Goodwin Avenue, remodeling.....	127
Art, special equipment.....	8 751
City Planning and Landscape Architecture, special equipment.....	699
Music, special equipment.....	3 538
Broadcasting, equipment.....	734
Natural History, remodeling and equipment.....	169
East Chemistry Building, remodeling for biochemistry....	89 734
English Building, remodeling.....	1 562
Mathematics, special equipment.....	647
Illini Hall, improvements in room 331.....	528
Vivarium Building, remodeling.....	17 468
Purchase of bus.....	1 230
Veterinary Medicine, special equipment.....	3 513
Airport terminal building and control tower.....	10 000
Administration Building, remodeling.....	1 620
Administration Building, air conditioning.....	2 995
Armory, room 107 and 107A dark room.....	223
Armory, alterations in room 144.....	308
Administration Building, air conditioning room 356.....	207 ¹
Illini Hall, air conditioning room 232.....	1 730
Lincoln Hall, air conditioning room 201.....	1 173
Art museum.....	85 000
Armory, rifle range improvements.....	169
Administrative office changes.....	1 303
Altgeld Hall, law library.....	36
Architectural promotional studies.....	1 146
Architectural studies for future buildings.....	77 113
Architectural services.....	13 497
Bureau of Community Planning, relocation.....	111
1205 West California Avenue, remodeling.....	750
Digital Computer Laboratory.....	14 815
East Chemistry Building, remodeling.....	196
Civil Engineering Hall, remodeling.....	4 017
Commerce, relocation and remodeling.....	126
Davenport Hall, air conditioning room 137.....	65
David Kinley Hall, remodeling room 215A.....	2 609
Engineering services power plant, addition to utilities distribution system.....	40 000
English Building, remodeling room 108.....	183
English Building, remodeling rest room.....	53
Food storage building.....	1 220
Engineering Research Laboratory, 701 installation.....	59 619
Electrical Engineering, bioacoustics laboratory.....	131 210
Chemistry Annex, fire stairs.....	6 345
601-611 East Green Street, leasehold improvements.....	42 272
Gregory Hall, partitions fourth floor.....	1 136
Harker Hall, remodeling.....	6 189
Horticulture Field Laboratory, transformer bank.....	66
Huff Gymnasium, health and safety laboratory.....	17 071
Huff Gymnasium, room 306 ventilation.....	621
Land acquisition.....	150
Law Building basement.....	27 126
Library, lighting improvements.....	1 461
Minor improvements.....	934

¹ Deduct, overdraft.

Mumford Hall, transformer vault	7	734	
National homes improvements		666	
1201 West Nevada Street, remodeling		31	
Nursery relocation	2	726	
Noyes Laboratory, renovation and modernization		274	
Observatory, addition		333	
Parking facilities		148	
President's House, furnishings		78	
606½ South Mathews Avenue and 605 South Goodwin Avenue, remodeling		277	
Remodeling and minor additions unassigned		420	
Smith Music Hall, temperature controls		214	
Stenographic Bureau, relocation	1	372	
Smith Music Hall, acoustical treatment		395	
Student and staff housing planning	2	000	
Study for a four-year University of Illinois in Chicago		917	
Tree removal and replanting		167	
Talbot Laboratory and Civil Engineering Hall, alterations	1	271	
Talbot Laboratory, partitions		292	
Urbana-Champaign Sanitary District		25 000	
University Press Building	63	912	
1007 South Wright Street, reconditioning	4	234	841 831
<i>Total, Urbana-Champaign</i>	(1	444	547)
<i>Chicago Professional Colleges</i>			
General administration and expense	11	535	
Business Office, tabulating equipment		583	12 118
Medicine			29 096
Dentistry			1 493 ¹
Pharmacy			8 368
Graduate College			15 593
Nursing			2 172
Physical Education for Men			1 093
Broadcasting			1 414
Aeromedical Laboratory			121
Division of Services for Crippled Children			232
Research and Educational Hospitals			52 654 ¹
Library			4 686 ¹
Physical Plant			
Regular operation and maintenance	6	269 ¹	
Renewals and replacements	44	808	
Medical Steam Plant	34	283	
Bond debt service	21	000	93 822
Unexpended plant			
Vice-President's Office, furniture		511	
Admissions and Records, electric typewriter		300	
Dean of Students, repair of musical instruments		118	
Radiology, purchase of freezer		310	
Dentistry, rehabilitate cabinets		177	
Pharmacy, special equipment		424	
Pharmacy, physics equipment		96	
Physiology, pharmacology equipment	1	217	
Nursing, special equipment	1	167	
Research and Educational Hospitals, patient intercommunication system	9	313	
Research and Educational Hospitals, oral surgery equipment		66	
Radiology, special equipment	25	684	
Coaxial cables to tenth floor	1	089	
Pathology, gas and electric outlets		215	
Research and Educational Hospitals, medicine clinic intercommunication system	1	650	
Oral Surgery, installation of sterilizing units		383	

¹ Deduct, overdraft.

Chicago Professional Colleges (Concluded)

Unexpended plant (Concluded)

Rerouting of first-floor traffic.....	447	
Health Service, remodeling.....	418	
Research and Educational Hospitals, operating room automatic door.....	2 450	
Architectural studies for future buildings.....	51 335	
Biochemistry, installing of hoods.....	408	
State RC 89—anatomy.....	347	
East Dentistry-Medicine-Pharmacy Building, driveway..	4 000	
Research and Educational Hospitals, collection center remodeling.....	17 000	119 125
<i>Total, Chicago Professional Colleges.....</i>		<i>(224 321)</i>

Chicago Undergraduate Division

General administration and expense.....	3 540	
Office of Dean, art gallery.....	179	
Chicago area schools relations conference.....	296	
1958 summer conference T.V. expense.....	805	1 280
Liberal Arts and Sciences.....		4 820
Engineering.....		1 770 ¹
Graduate College.....		5 316 ¹
Commerce.....		1 197
Physical Education.....		375
Armed Forces.....		1 245
Library.....		93 ¹
Physical Plant.....		925
Regular operation and maintenance.....	344 ¹	
Renewals and replacements.....	2	
Building rental.....	1 018	676
Unexpended plant.....		
Office of Dean, special equipment.....	244	
Mathematics, special equipment.....	109	
Social Sciences, special equipment.....	151	
Art gallery, remodeling.....	800	
Geology, storeroom remodeling.....	128	
Physics, laboratory remodeling.....	3 876	5 308
<i>Total, Chicago Undergraduate Division.....</i>		<i>(7 367)</i>
<i>Grand Total.....</i>		<i>\$1 676 235</i>

CONVEYANCE OF SPARTA SOIL EXPERIMENT FIELD

(9) On July 1, 1915, Thomas G. Dean and wife, of Sparta, Illinois, conveyed to the University a twenty-acre tract of land in Randolph County, Illinois, for the purposes of agricultural experimentation and demonstration. The deed, for which no consideration was paid by the University, specified that it was given with the agreement and understanding that if the University of Illinois discontinues using the land for said purposes for a period of more than two consecutive years the University shall, when requested, convey by proper deed to the Sparta Township High School, the east half of the described real estate, and convey by proper deed to the original purchasers of the sixty-four lots of the Thomas G. Dean Addition to the City of Sparta, Illinois, the west half of said tract.

The University has discontinued using this land for experimental purposes, and on May 29, 1958, the Board of Trustees authorized the execution of a quit claim deed conveying the east half of the tract to the County Board of School Trustees of Randolph County, Illinois, or their successors in office, for the use of Sparta Township High School District No. 111 of Randolph County. No request for authority to convey the west half of the tract was submitted to the Board of Trustees at that time because the language in the deed by which it was conveyed to the University raises difficult legal questions as to who is entitled to it. Some of the original purchasers of the lots referred to in the deed from the Deans are still living, a number are dead, and others have left Randolph County, and it

¹ Deduct, overdraft.

would be difficult to locate them. It would also be difficult and expensive to locate the heirs of the original purchasers who are now deceased, the heirs of the grantors, and others who may claim an interest in this land. After further study of the question of who is entitled to the west half of the tract under the provisions of the deed from the Deans, the Legal Counsel is inclined to the opinion that the agreement and understanding referred to in the deed is probably not legally enforceable and that the University can probably convey the west half to the High School District without incurring liability to anyone who might assert an interest in the land under the provisions of the 1915 deed. However, he also regards this conclusion sufficiently debatable so that he advises the University not to assume the risk of conveying the west half of the tract without first securing either a judicial determination of the question or some other protection against potential liability. As a result of negotiations with counsel for the Board of Education of the High School of the Sparta Township High School District No. 111, the latter has arranged to secure a title guaranty policy insuring, upon certain conditions, the title to the property if it is conveyed by the University to and for the use of the District. As further protection, the District will enter into an agreement with the University to indemnify and hold the University harmless against any liability to others which the University might incur through so conveying that property.

Since the University has abandoned all use of the entire tract, it should not continue to hold title indefinitely, and the land should not remain unoccupied and without care. If the west half of the tract is conveyed to the High School District, the property will be used for public and educational purposes. The importance and value of judicial determination of the question of ownership would not justify the expense of such a legal proceeding; the title guaranty policy along with the agreement between the District and the University should give reasonable protection.

The Dean of the College of Agriculture, the Legal Counsel, and the Vice-President and Comptroller recommend, and I concur, that the west half of the tract be conveyed as specified in the following resolution upon the conditions set forth therein, and that the Comptroller and the Secretary of the Board be authorized to execute and deliver a quit claim deed to convey the property upon these conditions.

Resolution

WHEREAS, by deed bearing date of July 1, 1915, one Thomas G. Dean and Mary Dean, his wife, of Randolph County, Illinois, conveyed to the Board of Trustees of the University of Illinois and their successors in office a tract of land, situated in said county, containing twenty acres more or less and described as follows:

Beginning at a stone at the northwest corner of the S. E. Quarter of the S. E. Quarter of Section 36, T 4 S, R 6 W, Randolph County, Illinois, thence running east along the north line of said S. E. Quarter of the S. E. Quarter of said Section 36 for a distance of 1,177.5 feet, thence running south parallel to and 147.5 feet west of the east line of said Section 36 for a distance of 727.5 feet, thence running west parallel to and 592.5 feet north of the south line of said Section 36 for a distance of 1,181 feet to the west line of said S. E. Quarter of the S. E. Quarter of said Section 36, thence running north along said west line of the S. E. Quarter of the S. E. Quarter of said Section 36 for a distance of 727.5 feet more or less to the point of beginning;

which deed is recorded in Book 78 at page 63 of the records of the Recorder's Office of Randolph County, Illinois; and

WHEREAS, said deed provided that the grantee therein was to use the tract conveyed to it thereby for the purpose of agricultural experimentation and demonstration and further provided that if the grantee should discontinue using said land for said purposes for a period of more than two consecutive years it shall, when requested, convey by proper deed the west half of said above described tract of land to the original purchasers of the sixty-four lots of the Thomas G. Dean Addition to the City of Sparta, Illinois, and

WHEREAS, the grantee in said deed has now discontinued the use by it of said land for said purposes for a period of more than two consecutive years, has

heretofore conveyed, by quit claim deed, and at the request of the Board of Education of Sparta Township High School District No. 111, Randolph County, Illinois, the east half of said hereinabove described tract of land to the County Board of School Trustees of Randolph County, Illinois, for the use of said High School District, and said Board of Education of said District has now requested that the west half of said tract of land be also so conveyed and has offered and agreed that, in consideration for the west half of said tract being so conveyed, it will secure a title guaranty policy from the Chicago Title and Trust Company insuring the title thus conveyed for the use of said District and will also fully and forever indemnify and hold the Board of Trustees of the University of Illinois, its officers, agents, and employees harmless from any and all claims asserted to said portion of said hereinabove described tract by any and all other persons under the provisions of said above mentioned deed conveying the same to this public corporation; and

WHEREAS, this public corporation has no further use for any portion of said hereinabove described tract of land and the conveyance by it of the west half of the same as requested by the Board of Education of said High School District will enable the same to be devoted to public and educational uses and will benefit the citizens and residents of said High School District including the original purchasers of and the present owners of the lots in said Addition:

Therefore, 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, upon the Board of Education of Sparta Township High School District No. 111 securing a title guaranty policy, approved by the University Legal Counsel, insuring the title to the west half of said land and the execution and delivery to the University of an agreement, approved by the University Legal Counsel, upon the part of Sparta Township High School District No. 111, Randolph County, Illinois, through its proper authorities to fully and forever indemnify and hold this public corporation, its officers, agents, and employees harmless from any and all claims of others asserting an interest in said land, the Comptroller and Secretary of this public corporation be, and they are hereby authorized and directed to sign, execute, acknowledge, and deliver upon behalf of this public corporation a quit claim deed conveying the west half of said hereinabove described tract of land from this public corporation to the County Board of School Trustees of Randolph County, Illinois, and to their successors in office, for the use of the Sparta Township High School District No. 111, Randolph County, Illinois.

On motion of Mr. Hughes, the foregoing resolution was adopted by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton.

ADDITION TO CONTRACT FOR ABBOTT POWER PLANT ADDITION

(10) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$2,985 in the contract with the R. V. Monahan Construction Company for the substructure and miscellaneous work for the construction of the cooling tower (Division "7G") for the addition to the Abbott Power Plant.

The increase is to compensate the contractor for added costs due to delay in the delivery of pipe furnished by the piping contractor, a delay occasioned by the University's changing the schedule. This occurred when bids taken on September 5, 1957, on the construction of the cooling tower under one contract, including substructure, electrical work, and piping, were found excessive, were rejected, and separate bids were subsequently taken on the three phases of the project. This resulted in a saving of \$60,020, and contracts on the three phases of the work were awarded to the three on October 10, 1957.

Sargent and Lundy, Consulting Engineers for the project, and the Physical Plant staff have checked the cost sheets submitted by R. V. Monahan Company and find the cost attributable to the delay to be \$2,985.

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

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

ADDITION TO CONTRACT FOR REMODELING OF STOCK PAVILION

(11) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase, not to exceed \$27,000, in the contract with English Brothers Company, Champaign, for exterior reconstruction and interior remodeling of the Stock Pavilion, and for the replacement of roof rafters and sheathing as found necessary.

Replacements of roof rafters and sheathing were anticipated when bids were taken, but the extent of the additional work could not be determined until the roof was actually removed, permitting examination of the condition of the sheathing and supporting rafters. Accordingly, contractors were instructed to include in their bids unit prices for such replacements as were found necessary. English Brothers Company submitted a quotation of \$1.50 per lineal foot for replacement of rafters and \$0.50 per square foot for replacement of sheathing. In view of the amount of the additional work which may have to be done, they reduced their quotations to \$1.20 and \$0.32 respectively. Complete replacement of the sheathing and rafters would cost approximately \$27,000; replacement of all of the sheathing and 50 per cent of the rafters would cost approximately \$20,000. Authorization has been requested to proceed with the replacement of the sheathing and rafters as found necessary by actual inspection as the roof is removed, at unit prices of \$1.20 per lineal foot for rafters and \$0.32 per square foot for sheathing.

Funds are available in the state capital appropriations to the University for 1957-59.

To take advantage of favorable weather conditions, it was necessary to proceed immediately with the work. Hence, the recommendation was submitted to the Executive Committee of the Board which has authorized the Comptroller to execute this increase in the contract. Confirmation of the Committee's action is requested.

On motion of Mr. Johnston, the action of the Executive Committee was confirmed.

ADDITION TO CONTRACT FOR LANDSCAPING OF MEN'S RESIDENCE HALLS AREA

(12) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$3,988.53 in the contract with the Twin City Nursery and Landscape Service, Urbana, for landscaping of the areas of the three new units of the Men's Residence Halls and for construction of asphalt paved areas and racks for parking bicycles. Funds are available in the allocation for landscape work in the Men's Residence Halls construction account.

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

On motion of Mrs. Holt, this recommendation was approved.

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. In each case, the purchase was recommended on the basis of the lowest bid.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
25 tons diammonium phosphate	Agricultural	Tennessee Valley	\$2 751 25
Five tons ammonium phosphate nitrate	Economics, Allerton Farms	Authority, Knoxville, Tenn.	f.o.b. Sheffield, Ala.
Consulting engineering services for radio astronomy project sponsored by the Office of Naval Research under the direction of Dr. G. C. McVittie and Dr. G. W. Swenson, Jr.	Astronomy	Hanson, Collins, and Rice, Springfield	5 000 00 (maximum)
One packaged high vacuum pumping system including evaporator assembly	Control Systems Laboratory	Vacuum Equipment Division, the New York Air Brake Co., LaGrange	3 673 00 f.o.b. Camden N.J.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Labor, equipment, and seed necessary to establish a stand of grass on Wullenweber Site, 4 1/4 miles south of Bondville, Illinois (this is the site of antenna installation for the Department of Electrical Engineering)	Electrical Engineering	Illini Tree & Lawn Service, Urbana	\$2 892 00 f.o.b. site
Labor and materials for painting two Truscon and one Blaw-Knox self-supporting steel towers	Radio Station	Alpha Erection Corp., West Branch, Iowa	7 300 00 f.o.b. job sites
7,500 copies Atlas of Illinois Resources	Geography	R. R. Donnelley & Sons, Chicago	9 735 00 f.o.b. delivered
One lot structural steel for use in Electrical Engineering Annex alterations	Physical Plant	Edwin Pratt's Sons Co., Kankakee	9 581 00 f.o.b. delivered

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 lowest bid.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
4,750 diploma covers	Admissions and Records	W. M. Welch Manufacturing Co., Chicago	\$7 077 50 f.o.b. delivered
One 24 x 48 x 8 steel building to be erected on University Dairy Farm	Agricultural Engineering	Russ Law Concrete Contractor, Champaign	2 658 74 delivered and erected
One factory rebuilt hammer mill, 20 in. with 100 h.p. motor	Agriculture—Dixon Springs Experiment Station	J. C. Sams, Bardwell, Ky.	3 000 00 f.o.b. Nashville, Tenn.
6,000 copies soil map of Will County	Agronomy	Altoona Map Co., Altoona, Pa.	6 443 50 f.o.b. Urbana
Laboratory desks, tables, storage cases, and shelving	Bacteriology and Physiology	Hamilton Manufacturing Co., Two Rivers, Wis.	41 192 95 f.o.b. delivered
One lot of steel office desks, tables, files, and counter tops for use in the new Biology Building	Bacteriology and Physiology	All-Steel Equipment Inc., Aurora	11 548 46 f.o.b. delivered
Radio isotope counting equipment consisting of two scales, two sample changers, two print timers, two lead shields	Biochemistry	Nuclear-Chicago Corp., Chicago	6 143 94 delivered
One laboratory vacuum furnace, 18 in. x 24 in., S. S. water cooled	Ceramic Engineering	The New York Air Brake Co., Camden, N.J.	8 848 00 f.o.b. Camden, N.J.
One resistance heating unit, molybdenum heater			
One power supply, 7 1/2 kva, for above, one vacuum pumping system, 15 c.f.m. ballast			
One evaporating assembly with power supply units			
One lot laboratory glassware and assorted laboratory supplies	General Chemical Stores	A. S. LaPine & Co., Chicago	28 201 96 f.o.b. Urbana
One mass spectrometer, special purpose, consisting of an analyzer module, an electronic and power module, and two sample inlet systems, with installation supervision by a company engineer	Chemistry and Chemical Engineering	Consolidated Electrodynamics Corp., Chicago	49 645 00 f.o.b. Monrovia, Calif.
One recording potentiometer, special point, with mercury suppression units for 16 mv., balance speed 24 sec. printing type and numerals at 30 sec./point, chart speed 2 in. per hour; with low range preamp and Beckman selector switch	Mining and Metallurgical Engineering	Minneapolis-Honeywell Regulator Co., Peoria	3 596 00 f.o.b. Philadelphia, Pa.
32 side chairs 43 posture chairs Two operator chairs Nine swivel chairs Seven four-drawer file cabinets	Histology (Dentistry)	All-Steel Equipment Co., Chicago	3 061 52 delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
2,000 dwt. type "C" casting gold	Crown and Fixed Partial Den- ture Clinic	Handy & Harmon Co., Chicago	\$3 160 00 delivered
Isotope laboratory equipment consist- ing of:	Radiology	Nuclear-Chicago Corp., Chicago	5 055 64 4 207 70
One scintillation scanning system			
One gas flow counting system			
One multi-channel pulse height analyzer		Eldorado Electronics, Berkeley, Calif.	3 340 00
Duplicating machine and necessary forms for handling customer orders received by the Visual Aids Service. Forms are to include 60,000 orders, 60,000 acknowledgments, 60,000 bill- ing forms, and 100,000 shipping sets	Visual Aids Service	Total A. N. Rechten Co., St. Louis, Mo.	(12 603 34) 5 613 75 f.o.b. Urbana
Equipment for intercommunicating tele- phone and paging system for installa- tion in Visual Aids new location on the second floor, Sixth and Green Streets	Visual Aids Service	Central Illinois Sound Communication Equip- ment Co., Urbana	3 086 00 f.o.b. delivered
215 16 mm. films, titles as listed	Visual Aids Service	Encyclopaedia Britan- nica Films, Wilmette	4 617 00 f.o.b. Wilmette
66 reams 22 1/4 x 35 4 1/4-lb. white offset regular finish paper	Office Supply Stores	Decatur Paper House, Inc., Decatur	2 512 66 f.o.b. delivered
100 reams 25 x 38 70-lb. white offset regular finish paper			
100 reams 22 1/4 x 35 58-lb. white offset regular finish paper			
5,000 reams 8 1/4 x 11 50-lb. offset paper	Office Supply Stores	Marquette Paper Corp., Chicago	3 781 80 f.o.b. delivered
One multilith offset duplicator, model 1250, with mechanical jogger and work organizer	Stenographic Bureau	Addressograph-Multi- graph Corp., Peoria	2 944 25 f.o.b. Cleveland, Ohio
Stainless steel equipment for Illini Union Building Food Service consisting of:	Illini Union	Century Equipment Co., Chicago	3 176 74 delivered and installed
One refrigerator			
One combination refrigerator and work table			
Two storage units			
20,000 bags rock salt (in 50-lb. bags), Grade A southern Louisiana, 98.5 per cent NaCl	Physical Plant	Cargill, Inc., LaSalle	14 300 00 f.o.b. delivered
15,000 lbs. soft white lead paste	Physical Plant Storeroom	John R. MacGregor Lead Co., Chicago	2 700 00 f.o.b. delivered
30,000 double bag garbage container liners	Physical Plant, Chicago Colleges	Union Bag & Paper Co., Chicago	4 149 00 f.o.b. Savannah, Ga., full freight allowed
40,000 gallons (approximately) No. 1 fuel oil to be delivered as required during the period October 1, 1958, through June 30, 1959	Housing Division	Stewart Oil Co., Champaign	4 939 60 f.o.b. delivered
Three-year comprehensive elevator liability insurance on nine freight and twenty-five passenger eleva- tors located in the Chicago Illini Union, Dentistry-Medicine-Phar- macy Building, East Dentistry-Medi- cine-Pharmacy Building, Research and Educational Hospitals, Illinois Neuropsychiatric Institute, Residence Hall for Men, and Staff Apartment Building, at Chicago Professional Col- leges, with limits of \$100,000/\$500,000 for bodily injury, and \$25,000 for property damage	Physical Plant	Rollins, Burdick & Hunter, Chicago, representing Lloyds of London	6 516 40
Fire and extended coverage insurance subject to 80 per cent coinsurance on a five-year term basis, covering the Food Service Building, one of the Men's Residence Halls, First and Gregory, at the insurable valuation of \$1,323,000, and its contents at the insurable valuation of \$81,000, with total estimated premium of \$10,728.72	Housing Division	The Noonan Agency, Champaign, represent- ing the Employers Mutual Casualty Co. H. R. Bresee & Co., Champaign, represent- ing the Freepoint Insurance Co.	2 682 18 8 046 54

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Fire, extended coverage, vandalism, and malicious mischief insurance for five years, subject to 80 per cent co-insurance covering the Residence Hall for Men, 818 South Wolcott Avenue, Chicago, insurable value \$2,035,000; and contents, insurable value \$225,000	Housing Division	Liberty Mutual Insurance Co., Chicago Roby Insurance Agency, Decatur, representing the Freeport Insurance Co. H. R. Bresee & Co., Champaign, representing the Freeport Insurance Co.	\$1 572 28 2 884 61 771 19
Radio isotope counting equipment, including basic scaler, ultra-scaler, sample changer, printing timer, and ratemeter counter	Medical Physiology	Nuclear-Chicago Corp., Chicago	7 182 34 delivered
Photomicrographic equipment and microscopes, including fifteen research microscopes, three stereomicroscopes, and accessories, two micromanipulators, one microtome, and one photomicrographic camera and projector	Dental Histology	W. H. Kessel & Co., Chicago	17 872 93 delivered
One surgical operating table	Research and Educational Hospitals	American Sterilizer Co., Chicago	2 522 00 delivered
A collection of early and rare books, purchased during the fifteenth, sixteenth, and seventeenth centuries, for use of Professor Harris Fletcher of the Department of English and other scholars in their research. This collection will, of course, become a permanent addition to the Library's rare book collections.	Library	C. A. Stonehill, Inc., New Haven, Conn.	17 750 00

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

REPORT ON LAND ACQUISITIONS

(14) Since July 1, 1957, the Board of Trustees has authorized purchases of a number of properties in Urbana and Champaign needed as sites for future University buildings and for expansion of the campus. These purchases are related to the University's building program, and an appropriation was made by the Seventieth General Assembly for the biennium of 1957-59 for land acquisitions. Actions of the Board of Trustees authorizing purchase of specific properties were taken at various meetings during the past year in executive session with the understanding that a complete report would be made public when the land acquisitions program was completed. Now that it has been substantially completed, there is submitted herewith, as a public report, the following list of land acquisitions authorized during this period.

Site for Residence Halls for Undergraduate Men

<i>Address</i>	<i>Owner</i>	<i>Cost</i>
(All in Urbana)		
1000 West Illinois Street	Mr. and Mrs. Walter C. Nogle	\$37 000
1002 West Illinois Street	Mr. and Mrs. Ivan Stearns	33 000
1006 West Illinois Street	Mrs. Flossie M. Hocking	23 500
1008 West Illinois Street	Mr. and Mrs. Walter C. Nogle	33 500
1010 West Illinois Street	Miss Elizabeth I. Keener	25 700
1102 West Illinois Street	Miss Ruth Linton	32 000
1104 West Illinois Street	Mr. and Mrs. F. W. Thompson	39 000
1101 West Green Street	Mr. and Mrs. F. W. Thompson	32 500
1013 West Green Street	Mr. and Mrs. F. W. Thompson	39 000
Tract 4 (land adjoining the above three parcels)	Mr. and Mrs. F. W. Thompson	22 000
1011 West Green Street	Mrs. Marie L. Wuellner	32 500

Site for Residence Hall for Unmarried Graduate Students

(All in Urbana)		
201 South Gregory Street	Mr. and Mrs. M. V. Kreismanis	\$18 500
1006 West Green Street	Mr. and Mrs. Alfred E. Bach	32 000
1008 West Green Street	Mr. and Mrs. W. R. Hunsicker	37 500
1008½ West Green Street (this includes a new apartment house)	Mr. and Mrs. W. R. Hunsicker	55 000

Site for Student Services Building

610 East John Street, Champaign	Mr. Henry K. Vreeland	\$45 000
614 East John Street, Champaign	Mr. and Mrs. Cyrus W. Vaughn	49 700

Other Land Acquisitions

1011 West Springfield Avenue, Urbana	Mr. and Mrs. Ernest F. Fiock	\$15 000
508 East John Street, Champaign	Mr. George Milleville	29 000

This report was received for record.

COMPTROLLER'S REPORT OF CONTRACTS

(15) The Comptroller's report of contracts executed during the period July 1 to August 31, 1958.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Board of Education, Melvin-Sibley Community Unit, District No. 4	School survey	\$ 2 000 00	July 15, 1958
Creole Petroleum Corp.	Effects of compaction on liners and casings	35 000 00	June 15, 1958
Creole Petroleum Corp.	Consolidation characteristics of soils under high pressures	26 000 00	June 15, 1958
Exercycle Corp.	Effects of various amounts and intensities of exercycle riding on human subjects	2 500 00	June 3, 1958
Illinois Division of Highways, Project IHR-47	Use of admixtures for chemical stabilization of natural soils for road building	8 000 00	July 1, 1958
Illinois Division of Highways, Project IHR-58	Equipment for the establishment and maintenance of roadside cover	12 000 00	July 1, 1958
Illinois Division of Highways, Project IHR-59	Widths and cross sections for medians of divided highways	8 500 00	July 1, 1958
National Lime Association	X-ray diffraction and other methods of analysis	19 500 00	August 11, 1958
Sandia Corp.	Improvement in present knowledge of strong shock interactions	19 000 00	May 12, 1958
The Texas Co.	Toxicity to corn of corrosion inhibitors in nitrogen solutions	1 000 00	July 18, 1958
United States Air Force AF 29(600)-1687	Electrical phenomena on the VIII cranial nerve during gravity loads	15 743 00	June 1, 1958
United States Air Force AF 33(616)-5965	Classification of tasks for ordering knowledge of human learning	35 859 00	September 1, 1958
United States Air Force AF 41(657)-239	Analysis of psychomotor skills and computers for social data	1 00	July 1, 1958
United States Air Force AF 49(638)-417	Diffusion in semiconductors and related problems	40 000 00	September 15, 1958
United States Army DA-11-022-ORD-2835	Interplanetary flight problems	12 970 00	September 16, 1958
United States Atomic Energy Commission AT(11-1)-67 Project No. 22	Resonance studies on paramagnetic crystals	38 408 00	June 26, 1958
United States Atomic Energy Commission AT(11-1)-663	Develop and manufacture detection and measuring equipment for the two millimeters wave length	77 000 00	June 15, 1958
United States Navy N228-24669	Educational instruction	550 00	July 1, 1958
United States Navy Nonr-1834(23)	Theory of group representations	28 950 00	July 1, 1958
Win Buettgen	Music for a dance to be held at the Chicago Undergraduate Division September 20, 1958	192 00	September 20, 1958
Albert B. Grossman Concerts	Appearance of Martha Schlamme at the Chicago Undergraduate Division on October 16, 1958	300 00	May 10, 1958
University of Miami	Furnish photographs using a special raindrop camera	2 143 53	July 14, 1958

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
J. I. Case Co.	One No. TOASCX ₁₄ turnover plow; one No. 200 side delivery rake	\$ 99 60 annually	June 30, 1958
J. I. Case Co.	One No. 680 stalk shredder	63 48 annually	June 30, 1958
J. I. Case Co.	One model H stalk shredder No. 611041	79 13 annually	June 30, 1958
John Deere Plow Co.	One model 720 row crop tractor	409 96 annually	June 30, 1958
John Deere Plow Co.	One model No. 30 engine driven combine	245 06 annually	June 30, 1958
John Deere Plow Co.	One model No. 420-W tractor	265 57 annually	June 30, 1958
John Deere Plow Co.	One No. 202 two furrow, two-way (four bottom) plow	48 57 annually	June 27, 1958
John Deere Plow Co.	One No. 227 corn picker with attachments	197 84 annually	June 30, 1958
John Deere Plow Co.	One No. 810 four-bottom plow with attachments	54 40 annually	June 30, 1958
John Deere Plow Co.	One No. 55H three-bottom plow with attachments	43 21 annually	June 30, 1958
John Deere Plow Co.	One No. 415 lift plow with two HS-314 bottoms	27 42 annually	August 8, 1958
John Deere Plow Co.	One No. 55-H plow with three HS bottoms	52 82 annually	August 8, 1958
John Deere Plow Co.	One No. 1824 model No. 43 sheller with attachments	40 77 annually	August 8, 1958
John Deere Plow Co.	One No. 1932 50 ft. portable elevator with bale hopper	97 43 annually	August 8, 1958
John Deere Plow Co.	One No. 851 side delivery rake	57 50 annually	August 8, 1958
John Deere Plow Co.	One No. 45 combine with attachments	648 50 annually	August 8, 1958
John Deere Plow Co.	One No. RW-1018 disk harrow	62 32 annually	August 8, 1958
John Deere Plow Co.	One No. 177-FB grain drill with attachments	80 00 annually	August 8, 1958
Eversman Manufacturing Co.	One model 2-SD Eversman scraper with attachments	113 50 annually	June 16, 1958
International Harvester Co.	One McCormick No. 2-CU-F ₁ back fill blade	18 04 annually	July 1, 1958
International Harvester Co.	One McCormick No. 35-A 8 ft. 6 in. wheel controlled disk	51 58 annually	July 1, 1958
International Harvester Co.	One McCormick 2C-F ₂₄ 7 ft. tractor mower with attachments	32 81 annually	July 1, 1958
International Harvester Co.	One Farmall tractor No. 4924; one Farmall tractor No. 4922; one McCormick 34 ft. C ₂₄ 7 ft. mower; one McCormick 34 HM 33 power loader; one McCormick No. 1(2CUK-FTC) back fill blade; one McCormick No. 40 manure spreader; one No. 30 manure spreader	960 14 annually	July 1, 1958
International Harvester Co.	One No. 350 International tractor	337 42 annually	July 29, 1958
International Harvester Co.	One McCormick No. 3798 7 in. wheel controlled disk harrow	52 94 annually	July 29, 1958
International Harvester Co.	One No. F ₂₃₀ tractor; one No. 21 mower; one No. 254K cultivator with adapter unit	279 22 annually	July 29, 1958
International Harvester Co.	One McCormick No. 37 9 ft. 7 in. wheel controlled disk harrow	57 74 annually	July 1, 1958
International Harvester Co.	One Grosshart posthole digger; one Wagner loader; one MP sweeper; one IF-36 harrow; one No. 194 plow	163 90 annually	July 1, 1958
International Harvester Co.	One McCormick cub No. 22 5 ft. mower; one McCormick No. 1-11 fast hitch rotary hoe	24 86 annually	July 1, 1958
International Harvester Co.	Two Farmall No. 350 tractors with attachments	796 87 annually	July 1, 1958

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
International Harvester Co.	One McCormick No. 24 7 ft. tractor mower; one McCormick No. 37 10 ft. 9 in. tractor disk	\$ 103 36 annually	June 5, 1958
International Harvester Co.	One International No. 350 utility tractor; one McCormick 34-F-30A 14 in. three-bottom mold-board plow; one McCormick No. 290 tooth peg harrow	343 33 annually	July 1, 1958
International Harvester Co.	One McCormick No. 34 HM-20 corn picker; one McCormick No. 34-255 two-row cultivator	166 77 annually	July 1, 1958
International Harvester Co.	One McCormick No. 34-UF31 fast hitch rotary hoe; one No. 34-F34 fast hitch plow; one No. 3UF21-T fast hitch toolbar; one No. 2C-F4 fast hitch harrow	159 35 annually	July 1, 1958
International Harvester Co.	One McCormick No. 46 twine hay baler	183 28 annually	June 5, 1958
International Harvester Co.	One McCormick No. 260 fast hitch drill corn planter	40 00 annually	June 5, 1958
International Harvester Co.	One McCormick No. 20C engine drive field harvester	227 60 annually	May 28, 1958
International Harvester Co.	One No. 37 10 ft. 9 in. disk harrow	62 24 annually	June 16, 1958
International Harvester Co.	One No. 34 UF1 platform; one No. 2CUF1 blade with scarifier; one No. 37 disk harrow; and one UF 28 mower with 7 ft. bar	125 43 annually	June 30, 1958
International Harvester Co.	One No. 34-F30 quick hitch plow	42 48 annually	June 30, 1958
International Harvester Co.	One No. C220 two-row corn planter with attachments; one No. 298 fertilizer unit	33 32 annually	June 27, 1958
International Harvester Co.	One McCormick No. 34-26-1 two-row cultivator with equipment	39 06 annually	June 5, 1958
Oliver Corp.	One No. 550 HC Oliver tractor	275 95 annually	July 1, 1958
Wood Brothers Manufacturing Co.	One model No. 80 Wood's rotary mower with attachments	54 40 annually	August 7, 1958

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Aluminum Co. of America	Suitability of aluminum for equipment, devices, and structural parts for use under the conditions found in and around farm buildings	\$ 7 500 00	May 12, 1958
American Dairy Association	Anti-atherogenic effect of butterfat	6 000 00	June 15, 1958
American Society of Heating and Air Conditioning Engineers, Inc.	Hot water venting	800 00	August 26, 1958
Commercial Solvents Corp.	Vitamins and growth factors in swine nutrition	3 000 00	August 8, 1958
Institute of Boiler and Radiator Manufacturers	Performance of steam and hot water heating systems and related equipment	35 500 00	July 24, 1958
National Warm Air Heating and Air Conditioning Association	Heating, ventilating, and air conditioning as related to warm-air furnace heating	3 540 00	July 11, 1958
Reinforced Concrete Research Council	Multiple panel reinforced concrete floor slabs	20 000 00	July 16, 1958
State of Illinois, Department of Public Works and Buildings, Division of Highways, Project IHR-2	Highway problems	23 000 00	July 1, 1958

<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, Project IHR-5	Riveted and bolted structural joints	\$14 000 00	July 1, 1958
State of Illinois, Department of Public Works and Buildings, Division of Highways, Project IHR-9	Impact on highway bridges	24 000 00	July 1, 1958
State of Illinois, Department of Public Works and Buildings, Division of Highways, Project IHR-10	Prestressed reinforced concrete high- way bridges	29 500 00	July 1, 1958
State of Illinois, Department of Public Works and Buildings, Division of Highways, Project IHR-12	Soil exploration and mapping	25 000 00	July 1, 1958
State of Illinois, Department of Public Works and Buildings, Division of Highways, Project IHR-22	Lateral stability of retaining walls and abutments	13 000 00	July 1, 1958
State of Illinois, Department of Public Works and Buildings, Division of Highways, Project IHR-23	Determination of waterway areas	9 000 00	July 1, 1958
State of Illinois, Department of Public Works and Buildings, Division of Highways, Project IHR-46	Soil-aggregate mixtures for highway pavement	29 000 00	July 1, 1958
State of Illinois, Department of Public Works and Buildings, Division of Highways, Project IHR-53	Vehicular speed regulation	24 500 00	July 1, 1958
United States Air Force AF 18(603)-32	Spaces admitting significant fixed point indices	852 00	July 11, 1958
United States Air Force AF 29(601)-1185	Secret	12 999 00	July 1, 1958
United States Air Force AF 29(601)-1217	Secret	12 500 00	July 1, 1958
United States Army DA-11-022-ORD-1175	Alloys of the transition elements	16 666 00	June 26, 1958
United States Army DA-11-022-ORD-1987	Electrochemistry of fused salts	16 000 00	June 26, 1958
United States Army DA-11-022-ORD-2525	Experimental research in electro- deposition	6 000 00	June 26, 1958
United States Army DA-49-007-MD-562	Experimental investigations in the College of Medicine	8 406 00	June 30, 1958
United States Atomic Energy Commission AT(11-1)-67 Project No. 15	Diffusionless phase changes in non- ferrous metals and alloys	13 000 00	June 23, 1958
United States Atomic Energy Commission AT(11-1)-67 Project No. 15	Diffusionless phase changes in non- ferrous metals and alloys	45 000 00	August 8, 1958
United States Atomic Energy Commission AT(11-1)-67 Project No. 19	Isotopic exchange reactions in non- aqueous solutions	8 000 00	June 16, 1958
United States Atomic Energy Commission AT(11-1)-67 Project No. 20	Fatigue behavior of dilute nitrogen	12 013 00	June 27, 1958
United States Atomic Energy Commission AT(11-1)-67 Project No. 21	Carbohydrate interconversions by microbialenzymes	13 500 00	June 15, 1958

<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	\$150 000 00	July 23, 1958
United States of America International Cooperation Administration ICA-W-48-5	Technical assistance to Allahabad Agricultural Institute and north central region in India	145 000 00	June 26, 1958
United States Navy Nonr-1834(05)	Nuclear disintegration schemes and nuclear interactions of cosmic rays	463 000 00	June 6, 1958
United States Navy Nonr-1834(12)	Properties of insulating solids	7 000 00	May 1, 1958
United States Navy Nonr-1834(15)	Design and development of selected computer components	7 000 00	May 23, 1958
United States Navy Nonr-1834(17)	Current problems of solid state and surface physics of semiconductors	20 000 00	May 14, 1958
United States Navy Nonr-1834(21)	Artificial intelligence computers	21 000 00	June 2, 1958
United States Navy Nobs-72069(1718)	Pressure vessel design reinforcement of openings in shells and plates	39 000 00	July 31, 1958
VioBin Corp.	Value of wheat germ oil in physical fitness programs	4 800 00	July 15, 1958
Hiram Walker & Sons, Inc.	Nutritive properties of dried distillers' solubles in swine nutrition	720 00	August 25, 1958

Adjustments Made in 1957-58 Cost-Plus Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Fourteen items: \$124.74 deduct to \$565.00	\$ 854 38	June, July, and August, 1958

Adjustments Made in 1958-59 Cost-Plus Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Forty-one items: \$93.69 deduct to \$4,900.00	\$10 375 05	July and August, 1958

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(16) The Comptroller presents his quarterly report to the Board as of June 30, 1958.

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

REGULATIONS GOVERNING ASSESSMENT OF RESIDENT AND NONRESIDENT FEES

(17) The regulations governing assessment of resident and nonresident fees, adopted by the Board of Trustees on December 17, 1957, as amended June 19, 1958, provide that staff members and the spouses and children of staff members of the University on full-time appointment at the University shall be permitted to attend the University upon paying the same tuition and other fees as assessed against students who are residents of Illinois during the period the staff member holds such appointment and is performing the duties of the University position to which he has been appointed.

Each year some members of the faculties of state-supported institutions of higher education in Illinois and teachers in the elementary and secondary schools enroll for part-time programs of study at the University. As a matter of public service, these members of the teaching profession should be given the same status with respect to assessment of fees as staff members of the University. Accordingly, I recommend that the Dean of Admissions and Records be authorized to assess fees against such students on the same basis as fees are assessed residents of Illinois during the period these staff members hold appointments at their respective institutions. Most of these individuals are already legal residents of Illinois so that this authorization would be applicable in only a few cases.

On motion of Mrs. Watkins, this recommendation was approved.

COMMITTEE REPORTS

The Board considered the following reports and recommendations from its committees.

THE STATE BOND ISSUE REFERENDUM

Mr. Williamson, for the Committee on Buildings and Grounds, presented the following resolution, and moved its adoption:

Resolution

The Board of Trustees of the University of Illinois endorses the proposed bond issue authorized by the General Assembly of Illinois for referendum at the general election on November 4, 1958.

Approval of the bond issue will enable the state of Illinois to provide funds in the immediate future for the construction of critically needed buildings at the state universities and the state hospitals. The total amount involved is \$248,000,000 of which \$167,000,000 would be for the universities and \$81,000,000 for the hospitals, subject to allocation by the General Assembly of Illinois.

Demands upon our state educational institutions to enhance ongoing programs and services and to prepare for prospective increased enrollments together with the requirements of the state hospitals make the needs of these institutions far in excess of the amounts proposed in this bond issue.

The Board of Trustees of the University of Illinois records its approval of the bond issue as a practical means to help the state make a substantial reduction in accumulated building needs and to prepare for essential services in the future.

This resolution was adopted by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton.

USE OF UNIVERSITY AUTOMOBILES ASSIGNED TO CHICAGO COLLEGES

Mr. Swain, for the Finance Committee, reported that the Committee has approved the following statement of policy relating to use of automobiles assigned to the Chicago Professional Colleges and the Chicago Undergraduate Division for official University business:

The Vice-President in charge of the Chicago Professional Colleges and the Executive Dean of the Chicago Undergraduate Division shall have use of automobiles for the convenience of the University. Cars will be available to them for use on University business and for transportation to and from their homes as such business may require. These cars shall also be available to other staff members for transportation on University business, subject to approval of such use by the Vice-President in charge of the Chicago Professional Colleges or the Executive Dean of the Chicago Undergraduate Division.

On motion of Mr. Swain, the action of the Finance Committee was confirmed.

INVESTMENTS

Mr. Swain, for the Finance Committee, reported the following changes in investments of trust funds:

URBANA-CHAMPAIGN				
<i>Endowment Funds — General</i>				
<i>Par</i>	<i>Issue</i>	<i>Rate</i>	<i>Maturity</i>	<i>Amount</i>
Purchase				
\$ 9 000	Commercial Credit	3½	2/1/76	\$ 8 730 00
1 000	Commercial Credit	3½	2/1/76	970 00
50 000	Consolidated Edison	4	1988	49 875 00
50 000	New York Telephone Ref.	4½	7/1/93	50 875 00
32 000	Phillips Petroleum	2¾	2/1/64	31 280 00
3 000	Phillips Petroleum	2¾	2/1/64	2 921 25
5 000	Phillips Petroleum	2¾	2/1/64	4 887 50
50 000	U. S. Steel	4	7/15/83	51 187 50

<i>Par</i>	<i>Issue</i>	<i>Rate</i>	<i>Maturity</i>	<i>Amount</i>
139 shares	American Telephone & Telegraph common stock			\$ 24 846 81
21 shares	American Telephone & Telegraph common stock			3 767 44
40 000	U. S. Treasury	3	2/15/64	39 550 00
<i>Miller Funds</i>				
Sale				
600 shares	Cleveland Electric common stock			\$ 25 500 00
80 shares	Tampa Electric common stock			3 180 00
Purchase				
300 shares	Union Carbide common stock			\$ 29 487 50
<i>Current Funds</i>				
Sale				
\$ 2 000	U. S. Savings "G"	2½	6/1/60	\$ 1 958 00
Exchange				
\$ 5 000	U. S. Certificates	4	8/1/58 for	
5 000	U. S. Certificates	1½	8/1/59	
Purchase				
\$ 2 000	U. S. Savings "G"	2½	6/1/60	\$ 1 958 00 ¹
500 000	U. S. Treasury Notes	1½	2/15/59	502 968 75

Report of the Comptroller

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

URBANA-CHAMPAIGN

Women's Residence Halls Revenue Bond Fund of 1956

(Authorized by Board of Trustees resolution dated September 18, 1956, minutes page 52)

Purchase				
\$ 20 000	U. S. Treasury bills	9/4/58	\$ 19 991 39	
15 000	U. S. Treasury bills	10/2/58	14 982 79	
100 000	U. S. Treasury bills	10/30/58	99 787 33	

Men's Residence Halls Revenue Bond Fund of 1957

(Authorized by Board of Trustees resolution dated March 12, 1957, minutes page 334)

Purchase				
\$530 000	U. S. Treasury bills	10/2/58	\$529 142 58	
225 000	U. S. Treasury notes	1½	10/1/58	224 859 39

Men's Residence Halls Revenue Bond Fund of 1956 Sinking Fund

(Authorized by Board of Trustees resolution dated March 23, 1956, minutes page 982)

Exchange				
\$ 23 000	U. S. Certificates	4	8/1/58 for	
23 000	U. S. Certificates	1½	8/1/59	

CHICAGO

Dentistry-Medicine-Pharmacy Building Revenue Bond Funds — Construction

(Authorized by Board of Trustees resolution dated March 15, 1951, minutes page 632)

Purchase				
\$ 10 000	U. S. Treasury bills	6/26/58	\$ 9 998 67	
10 000	U. S. Treasury bills	7/10/58	9 996 83	
10 000	U. S. Treasury bills	7/24/58	9 995 38	

This report was received for record.

SALE OF SECURITIES

The First National Bank of Chicago has reviewed the securities held in the various funds for the Board of Trustees of the University of Illinois and rec-

¹ \$2,000 U. S. Savings "G" bonds sold to Restricted Group Account from Student Loan Account at redemption value.

ommends that the following stocks be sold and the proceeds of the sale be reinvested in other securities: 210 shares of Industrial Rayon, 300 shares of International Harvester, 90 shares of Montgomery Ward, and 5 shares of Standard Oil of New Jersey. These securities are held as the investment securities of the Endowment Fund.

The Finance Committee concurs in the recommendations of the First National Bank and recommends the adoption of the following resolution by the Board of Trustees authorizing the sale of stock:

Resolution

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

210 shares Industrial Rayon
300 shares International Harvester
90 shares Montgomery Ward
5 shares Standard Oil of New Jersey, 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.

WAGE RATES OF LABORATORY MECHANICS

Mr. Swain, for the Committee on Nonacademic Personnel, presented the following report and proposal from the President of the University, the Vice-President and Comptroller, and the Director of Nonacademic Personnel. This report and proposal were considered by the Committee on Nonacademic Personnel, in consultation with the other members of the Board of Trustees and University officials, including the Legal Counsel, at a meeting held earlier in the day.

During the spring of 1957, University representatives negotiated with representatives of Local 698, State, County, and Municipal Employees, AFL-CIO, with reference to pay scales for the biennial period of 1957-59. Agreements were reached by October, 1957, with the exceptions of the Laborer Electricians and the Laboratory Mechanics groups. The question with reference to Laborer Electricians was finally resolved by arbitration in April, 1958, authorized by the Board on January 16, 1958.

In October, 1957, negotiations with the Laboratory Mechanics reached an impasse, with the Union threatening a strike to enforce its demands. The University's position was that rates for this group should properly be compared: (a) with those paid for similar services at other universities which have comparable research and laboratory programs and which use comparable classes of employees, and (b) with rates paid for comparable type skills in the machinist area since the basic skill of most laboratory mechanics is in this area, and that furthermore, any increases for this group should be approximately the same percentage-wise as those available to other groups whether or not represented by a union. The Union's position was that these men are highly skilled and that the University should pay rates comparable to those paid for other skills in the community such as those in the construction trades, printing crafts, and the like, and that exceptional treatment was justified because of the long delay in properly recognizing these skills.

In a final effort to reach a satisfactory conclusion, the University appealed to Mr. Arnold Zander, International President of the State, County, and Municipal Employees Union. In accepting the request of the University, Mr. Zander asked that he be joined in a mediation attempt by Mr. Robben W. Fleming, Professor of Law and former Director of the Institute of Labor and Industrial Relations. Agreement was reached in this negotiation as to adjustments for the first year of the biennium and certain further adjustments for those below the range mid-points in 1958. With reference to general increases for the second year, however,

it was impossible to reach an agreement satisfactory to both parties. A proposal was finally made jointly by Mr. Fleming and Mr. Zander, to which both parties agreed, as the basis of temporary settlement. This proposal was: "The parties will confer for the purpose of establishing a fact-finding procedure which will be used as a basis for deciding what across-the-board adjustments, if any, are to be made as of July 1, 1958."

However, when attempts were made to implement this agreement, it became evident that the understandings of the University and of the Union were quite different. That of the Union, supported by Mr. Zander, was that this agreement provided for open end arbitration on wages. The University's position was that while it would attempt to make applicable in pay adjustments the results of any fact-finding procedure, its ability to do so with reference to available funds and the effect on other employee groups would have to be considered, and that it must therefore reserve the right of final decision as to wages after hearing from the fact-finder.

A number of meetings were held to resolve this difference. The proposal which follows has been agreed to by the Union and has certain advantages. This matter needs to be settled without delay, and the proposal as made will accomplish that result. It meets one University objection in that it provides a limit within which a total finding can be made. The University has funds presently reserved for increases which will be sufficient to meet even the maximum findings possible within the proposal, without involving any overdraft on a cash basis at the end of this year.

The differences between the parties have been honest ones, both as to the original question as to the basis of establishing rates and as to the understanding of the fact-finding formula. The proposal provides a method for settling the issues.

The Proposal

1. The across-the-board adjustment shall fall between \$0.00 and \$50.00 per month.
2. Adjustments shall be retroactive to July 1, 1958.
3. Adjustments shall apply uniformly, regardless of the position of an employee in his wage range.
4. The Submission shall read: "What across-the-board adjustment, falling between \$0.00 and \$50.00 per month, effective July 1, 1958, shall accrue to employees in the Laboratory Mechanics group?"
5. This memorandum shall be submitted to the Board of Trustees at its meeting on September 30 and, if approved, the Submission shall be executed not later than October 1.

On motion of Mr. Swain, the foregoing proposal was approved.

REPORT OF THE EXECUTIVE COMMITTEE

The Executive Committee reports that it has approved the following recommendations submitted by the President of the University with his concurrence:

Purchases			
Item	Department	Vendor	Cost
One continuous culture apparatus, bio-gen design	Bacteriology	American Sterilizer Co., Erie, Pa.	\$8 900 00 f.o.b. Urbana
One recording assembly, six channel, transistorized, sensitivity	Electrical Engineering	Pivan Engineering Co., Chicago	4 767 75 f.o.b. Chicago
One microvolt/mm. to 50 v/cm., frequency response 0-300 cycles, eight chart speeds, twenty-five rolls recording paper			
One X-ray diffraction generator and control, 60 kv., 50 ma. capacity, vertical operation, four-window tube housing, complete with accessories	Geology	Philips Electronics, Inc., Chicago	5 525 00 f.o.b. Mt. Vernon, N.Y.
One four-window molybdenum-target X-ray tube			
One water cooler for above X-ray unit			
One helium cryostat, thirty liter capacity, loss rate less than 300 cc per day evacuated to 10^{-4} mm. of mercury at room temperature	Physics	Superior Air Products Co., Newark, N.J.	2 940 00 f.o.b. Newark, N.J.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One recorder, X-Y, flat bed type, rectilinear, high sensitivity; one curve follower adapter; one input keyboard	Theoretical and Applied Mechanics	Crossley Associates, Inc., Chicago	\$ 2 950 00 f.o.b. Pasadena, Calif.
One electron microscope, fifteen angstrom resolution complete with voltage stabilizer, high voltage focusing kit, service and parts for one year's operation	Zoology	Radio Corp. of America, Chicago	29 300 00 f.o.b. delivered
25,000 copies Illinois Farm Account Book	Agricultural Economics	Interstate Printers & Publishers, Inc., Danville	4 103 00 f.o.b. delivered
250 reams 25 x 38 60-lb. English Finish book paper	Office Supply Stores	Moser Paper Co., Chicago	2 942 28 f.o.b. delivered
80 reams 22 1/4 x 35 49 1/4-lb. English Finish book paper			

Special Appropriations for Nonrecurring Expenditures

Assignments of funds from the General Reserve for the following purposes:

1. Department of Psychology, partitioning of rooms on the fourth floor of Gregory Hall	\$ 6 700
2. Department of Theoretical and Applied Mechanics, alterations in Talbot Laboratory	7 325
<i>Total</i>	\$14 025

Addition to Contract for Engineering Services

The University has a standing contract with Brown, Manthei, Davis, and Mullins, Champaign, formerly Consulting Engineering Services, for engineering services on various buildings and utilities extension projects. The Director of the Physical Plant and the Vice-President and Comptroller recommend an addition to this contract to cover engineering services in the preparation of drawings and specifications for plumbing, heating, ventilating, air conditioning, and wiring required in the remodeling of the Electrical Engineering Annex for use by the Bioacoustics Laboratory, at an estimated cost, including fees, of \$6,500. Funds are available in the appropriation made for the construction of the Bioacoustics Laboratory from the General Reserve.

Contract for Refrigeration System in Ice Rink

The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$51,250 to R. H. Bishop Company, Champaign, the lowest bidder, for replacement of the present ammonia-operated compressor system and auxiliary equipment in the Ice Rink with a new Freon refrigeration system.

They also recommend the employment of the firm of Brown, Manthei, Davis, and Mullins, Champaign, for the engineering services required in connection with this new installation, at an estimated cost, including professional fees, of \$4,300. The University now has a standing contract with this firm for engineering services on various buildings and utilities extension projects, and it is recommended that the employment of this firm on the Ice Rink installation be by an addendum to the existing contract.

The Director of Athletics and the Business Manager of the Athletic Association join in these recommendations.

Funds will be advanced by the Athletic Association for all this work. The program was approved by the Board of Trustees on July 29, 1958.

SECRETARY'S REPORTS

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

DEGREES CONFERRED

The Secretary presented for record the following list of degrees conferred at Urbana on August 11, 1958.

Summary**Degrees in the Graduate College:**

Master of Arts.....	70
Master of Science.....	203
Master of Music.....	2
Master of Education.....	182
Master of Fine Arts.....	4
Master of Social Work.....	4
Advanced Certificate.....	20
<i>Total, Graduate College.....</i>	<i>(485)</i>

Degrees in Law:

Bachelor of Laws.....	12
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Baccalaureate Degrees:

Bachelor of Science, College of Agriculture.....	23
Bachelor of Science, College of Engineering.....	112
Bachelor of Arts, College of Liberal Arts and Sciences.....	52
Bachelor of Science, College of Liberal Arts and Sciences.....	24
Bachelor of Science, College of Education.....	27
Bachelor of Science, College of Commerce and Business Administration..	59
Bachelor of Science, College of Journalism and Communications.....	9
Bachelor of Architecture, College of Fine and Applied Arts.....	3
Bachelor of Fine Arts, College of Fine and Applied Arts.....	9
Bachelor of Music, College of Fine and Applied Arts.....	1
Bachelor of Science, College of Fine and Applied Arts.....	8
Bachelor of Science, College of Physical Education.....	12
Bachelor of Science, Division of Special Services for War Veterans.....	21
<i>Total, Baccalaureate Degrees.....</i>	<i>(360)</i>
<i>Total, Degrees Conferred at Urbana.....</i>	<i>857</i>

GRADUATE COLLEGE**Degree of Master of Arts***In Art Education*

RUTH MARILYN COON, A.B., State University of Iowa, 1954
 GEORGE JOHN DREW, B.A.E., School of the Art Institute of Chicago, 1953
 NANCY LOU GRATIGNY SAARLAS, A.B., 1956
 DAVID EDWARD TEMPLETON, B.F.A., 1955

In Economics

PICHITR CHANKOWET, A.B., University of Manchester, 1954
 BYONG WOO KIM, A.B., Lincoln Memorial University, 1957
 DONALD RALPH THURLOW, A.B., 1949
 PATRICIA PODE WEBBER, A.B., Wellesley College, 1952

In Education

SABIT ZIYAETTIN BURSALIOGLU, Diploma, Gazi Teachers State College, 1948

In English

THOMAS EDGAR BOYLE, A.B., Richmond College, 1952
 VIVIAN EATON BUCHAN, A.B., Coe College, 1933
 EVELYN CROSSMAN BURGETT, A.B., Millikin University, 1932
 GERALD ADOLF KAMINSKI, A.B., 1953
 JO-ANNE FRIEDMAN KAMINSKI, A.B., 1956
 EUGENIA GAIL KELMAN, A.B., University of California (Berkeley), 1956
 NANCY SHAO-LAN LEE LIU, A.B., University of California (Berkeley), 1954;
 Ed.M., Harvard University, 1955

MARION JOSEPH REIS, B.S., St. Louis University, 1952
LOCKWOOD ELON WILEY, A.B., B.S., B.S., 1931, 1932, 1934
CLIFFORD GILBERT WOOD, JR., A.B., 1952

In German

JUSTINE BERNADETTE BIZJAK, A.B., 1956
VINCENT LOCICERO, A.B., Brooklyn College, 1955
SIDNEY ROSENFELD, A.B., Temple University, 1953
PHOEBE BURNETT SNETSINGER, A.B., Swarthmore College, 1953

In History

LEONARD FERDINAND BECKER, A.B., 1957
RICHARD DEAN BURNS, B.S., 1957
NORMAN OTTO KURZ, B.S., 1953
JULIE ANN MATHEWS, A.B., 1957
ROBERT ALFRED WALLER, A.B., Lake Forest College, 1953
ROY ARTHUR WEHMHOEFER, A.B., Monmouth College, 1953

In Labor and Industrial Relations

JOSEPH SEXTON CARLSON, B.S., 1952
ROY MARVIN DOUGLAS, A.B., St. Ambrose College, 1956
GROVER WILLIAM DURNELL, B.S., Southwest Missouri State College, 1951
JEROME MAURICE MILEUR, A.B., Southern Illinois University, 1955
FRANK WOOTTON SANDERS, B.S., Northern Illinois University, 1956
JOHN BRUCE TIPTON, A.B., DePauw University, 1956

In Philosophy

LEONARD RAY WEITZEL, A.B., Albright College, 1954

In Political Science

RONALD DEAN ABEL, B.S., Eastern Illinois University, 1957
GEORGE WESCOTT CAREY, A.B., Northwestern University, 1955
HELEN DRATSIDOU, Dipl.Law, University of Salonika, 1953
CHARLES SEYMOUR LIEBMAN, B.B.A., University of Miami, 1956
LAURENCE JOHNSON PAUL, A.B., University of New Hampshire, 1955
ALVIN DAVID SOKOLOW, B.S., 1956
DAVID MICHAEL WOOD, A.B., Miami University, 1956

In Psychology

DIANE ELEANOR BERGNER, B.S., Illinois Institute of Technology, 1954
WILLIAM GLENN STEINER, A.B., Aurora College, 1948

In Sociology

WILLIAM CHARLES JENNE, B.S., Illinois State Normal University, 1953
RUTH RUE RITTENHOUSE, A.B., Oberlin College, 1956

In Spanish

RUTH CADY ADAMS, B.S., 1928
HELEN IRENE BELOW, A.B., 1945
GRAZINA ONA STEPAITIS, A.B., 1957
CLARICE ANN STOCK, B.S., University of Missouri, 1957
EILEEN MAY WICKLINE, A.B., Ohio University, 1957

In Speech

BYRON EUGENE CHRISMAN, B.S., Bradley University, 1950
JOHN DARRELL GOOCH, A.B., College of Wooster, 1957
PATRICIA JULIA HAYNES, B.S., Ball State Teachers College, 1956
RONALD GEORGE JERIT, A.B., 1956
JACK LEAVITT, A.B., Brooklyn College, 1951

JOSEPH BERNARD ROBERTS, A.B., University of Puerto Rico, 1957
ALAN JOHN ROST, JR., B.S., 1957
GLENN CARL SCHUERMANN, B.S., Illinois State Normal University, 1953
DOYLE GLYNN WARD, A.B., Harding College, 1956
JOHN BERNARD WEAVER, B.S., 1956
ROBERT CALHOUN WHITLATCH, A.B., Denison University, 1957

In Statistics

HOWARD EMORY BELL, B.S., 1950
DEV RAJ RAHEJA, A.M., University of the Panjab, 1942
NICK TED THOMOPOULOS, B.S., 1953

In the Teaching of French

JEANNE LOUVEGNIES FOREMAN, A.B., 1957

In the Teaching of Social Studies

FREDERICK GEORGE CHRISTENSEN, B.S., University of Wisconsin, 1950
RONALD THOMAS HAFFER, A.B., DePauw University, 1957
KENNETH LEROY MCCONOUGHNEY, A.B., St. Ambrose College, 1956

Degree of Master of Science

In Accountancy

LOUIS EDWIN MULLEN, B.B.A., University of Georgia, 1957
EMIL MEREDITH PHILLIPS, JR., B.S., Arkansas State College, 1957

In Agricultural Economics

RICHARD EUGENE BELL, B.S., 1957
EDWARD MCCRORY CORLEY, B.S., Colorado State University, 1957
TEKALIGN GEDAMU, A.B., University College of Addis Ababa, 1956
STANLEY DAVID HONN, B.S., 1952
LESLIE WINFIELD JONES, B.S., 1957
FAY MONTROSE SIMS, B.S., 1941; I.A., Harvard University, 1943
ROBERT ELI WHITE, JR., B.S., 1956

In Agricultural Education

DONALD STUART ROBERTSON, B.S., 1955

In Agricultural Engineering

JOHN ASHER REPLOGLE, B.S., 1956
AJJAMPUR ANANTHA SWAMY RAO, B.Tech., Indian Institute of Technology, 1956

In Agronomy

ARTHUR JAMES CROWLEY, B.S., Illinois State Normal University, 1956
JOSEPH ALOIS ECK, B.S., Oklahoma State University, 1954
LEROY HAROLD LINDBLOM, B.S., 1957
PATRICK MATTHEW McDONNELL, B.Agr.Sc., National University of Ireland, 1950
ROBERT FRANKLIN MUMM, B.S., 1957
EDWARD ELMER SCHWEIZER, B.S., 1957

In Animal Science

RONALD LEO DEININGER, B.S., 1957

In Architectural Engineering

RAYMOND ANTHONY DIPASQUALE, B.S., Purdue University, 1951
LLOYD ALLEN LEFFERS, B.Arch., 1955

In Biological Sciences

WILLIAM BUKOVSAN, B.S., 1955

In Botany

AURELIA MENDOZA ARO, B.S., The Philippine Women's University, 1944
IKUKO FUKUDA, A.B., International Christian University, 1957
LOIS FOUST OPFERMANN, A.B., College of Wooster, 1951

In Ceramic Engineering

RICHARD CHARLES ANDERSON, B.S., 1954
DONALD JOE ROMINE, B.S., 1957

In Chemical Engineering

JAMES BERNHARD ANDERSON, B.S., Pennsylvania State University, 1957

In Chemistry

RAYMOND CLYDE BURROWS, A.B., Kenyon College, 1957
JOHN ALLARD CHANDLER, B.S., Ohio University, 1955
YU-LAN CHANG, B.S., Cheng Kuang University, 1956
HARLAN DAYLE FRAME, JR., A.B., Municipal University of Wichita, 1955
WILLIAM CARL KIDWELL, B.S., Spring Hill College (Alabama), 1949
JOHN FRANK PORTER, A.B., Drew University, 1955
EARLE CARLTON SMITH, B.S., Berry College, 1949
RAYMOND HADLEY WHITE, B.S., Suffolk University, 1953

In Civil Engineering

JAMES DONAVON ANDREWS, B.S.(C.E.), Iowa State College, 1943; B.S., United States Naval Academy, 1946
RICHARD JAMES BECK, B.S., University of Wisconsin, 1951
LEONIDAS THEODORE DELYANNIS, Graduate, Technical Training School (Athens, Greece), 1954
CARLOS LUIS FLAMAND, Ing. Agronomo, National School of Agriculture (Mexico), 1954
HAROLD SEICHI HAMADA, B.S., University of Hawaii, 1957
STANLEY CRAIG MOLESKI, B.C.E., Rensselaer Polytechnic Institute, 1957
JOSÉ JUAN MÚNIZ, B.C.E., Villanova University, 1955
KANTILAL RANCHHODJI PATEL, B.Eng., Gujarat University, 1956
WILLIAM KENNETH STOCKDALE, B.S., United States Military Academy, 1951
RAYMOND R. VADNAIS, JR., B.S., Kansas State College, 1953
WILLIAM HAMILTON WALKER, B.S., University of Massachusetts, 1956
TSU MING YANG, B.S., National Taiwan University, 1953
JAMES TSU-PING YAO, B.S., 1957
SHIH NAN YAO, Graduate, Ta Tung University, 1947
KHALID MAHMOUD YASIN, B.S., 1957

In Dairy Science

FRANK NORRIS DICKINSON, B.S., University of Massachusetts, 1953
HEYE HEEREN GROENEWOLD, Dr.Agr., Friedrich Wilhelm University, 1956
DONALD CECIL SHREFFLER, B.S., 1954

In Economics

BERNARD JOSEPH MCCARNEY, B.S., Illinois State Normal University, 1957

In Education

ROBERT FREDERICK THOMAS HOOBAN, JR.

In the Education of the Deaf

GERALDINE TOY BOWSER, B.S., Florida State University, 1956

In the Education of Mentally Handicapped Children

ROSA CHRISTOPHER GRIER, B.S., Fort Valley State College, 1957
MARTHA HARRIETT PARKER JEFFERS, B.S., 1956

ERHARD GEORGE KUGEL, B.S., 1954

MARGARET JUNE BILLINGS SCHAPIRO, B.S., Indiana State Teachers College, 1949

In Electrical Engineering

HENRY KARL ALBRECHT, B.S., Colorado State University, 1950

JOSEPH ALVIN DOMBROWSKI, Graduate, United States Air Force Institute of Technology, 1953

ENRIQUE HAFTTEL, B.S., 1957

RICHARD DEWITT HARRELL, B.S., United States Naval Academy, 1950

HAROLD GUFFEY KIMBALL, B.S., Wayne University, 1955

RICHARD ANTHONY KUCHENBECKER, B.S., 1957

HARRY GENE LAFUSE, B.S., Purdue University, 1957

RAYMOND GILBERT RYNDERS, B.E.E., Pratt Institute, 1951

DELMAR EDWARD SNIDER, JR., B.S., United States Naval Academy, 1957

JOHN INGERSOLL WATERS, B.S., 1956

OGG LEMUEL WILLIAMS, JR., Graduate, United States Air Force Institute of Technology, 1953

SOE MYINT WIN, B.S., 1957

ROBERT JOSEPH ZUSAG, B.S., 1957

In Entomology

ISABEL SANABRIA, Licenciada, Universidad Pedagogica (Columbia), 1950

In Food Technology

HARRY YOSHIMI YAMAMOTO, B.S., University of Hawaii, 1955

In Geology

DONALD WILSON LANE, A.B., Dartmouth College, 1956

JOHN EZRA MOORE, A.B., Ohio Wesleyan University, 1953

DANIEL FRANCIS WEILL, A.B., Cornell University, 1956

In Health Education

RICHARD GROVER SCHLAADT, B.S., Lewis and Clark College, 1957

PUNYA SOMBOONSILP, B.S., 1957

In Home Economics

PAULINE AANERUD JELLUM, A.B., St. Olaf College, 1956

CORINNE MALONEY, B.S., 1955

In Home Economics Education

MARTHA JANE PRATHER, B.S., 1954

JOSEPHINE ANNE SCHECK, B.S., 1948

In Horticulture

RONALD DEAN PARKER, B.S., 1956

In Journalism

BARBARA DUNHAM DENNIS, B.S., 1940

In Library Science

LUCY ELIZABETH ANDREW, A.B., 1957

PATRICIA ANNE ARLEDGE, B.S., 1950

BARBARA BALLINGER, A.B., University of Kansas, 1951

HUGH RICHARD BERGMAN, B.S., St. Louis University, 1953

FREDA IRENE CARR, B.S., Southeast Missouri State College, 1934; Ed.M., University of Missouri, 1942

SHERYL HOWARD CLAYTON, A.B., Prairie View Agricultural and Mechanical College, 1948

RUBY WILEY DUFFY, A.B., Carthage College, 1925; M.S., 1949
 EILEEN SHERIDAN DUNN, A.B., Wheaton College (Illinois), 1947; B.L.S., University of Toronto, 1956
 JEWEL KENT FOLLOWELL, B.S., Wheaton College (Illinois), 1929
 EVELYN MAE GOURLEY, B.Ed., Illinois State Normal University, 1938; M.B.A., University of Denver, 1948
 PEARCE SEYMOUR GROVE, A.B., Ed.M., University of Florida, 1956, 1957
 DIANA CHRISTINE HASKELL, A.B., 1957
 EMERSON WALLACE HILKER, A.B., 1953
 MARGARET ANN HORKIN, Ph.B., Northwestern University, 1956
 OLGA KOSHANSKY, Cand. in Phil., University of Gottingen, 1948; A.M., 1952
 HARRY JOSEPH MAIBERGER, B.S., 1951
 FRANCES JOYCE MARLIN, A.B., Indiana University, 1950; B.Mus., Roosevelt University, 1957
 HELEN ALISON MARSHALL, B.S., University of Massachusetts, 1940; M.S., 1953
 JANICE LESSLEY HARTLE NUNNELEE, B.S., Southeast Missouri State College, 1942
 GUSSE WEBB SCOTT, A.B., Western Kentucky State College, 1947
 DWIGHT ORLAN TUCKWOOD, A.B., B.L.S., University of Wisconsin, 1949, 1950
 EDMOND ALONZO WILLIAMS, A.B., 1950
 GERALDYNE SMITH WILLIAMS, A.B., Tougaloo College, 1957
 RUTH ELIZABETH WILLS, A.B., John Brown University, 1956
 CLYDE WILLIAM YOUNG, B.S., Southwest Missouri State College, 1941; M.Mus., University of Michigan, 1949; Ph.D., 1957

In Mathematics

KEY HONG GOUW, B.S., University of Indonesia, 1950
 DONN LEROY KLINGLER, B.S., 1957
 RICHARD LEMUEL MONROE, A.B., Augustana College, 1955
 DANIEL AUSTIN MORAN, B.S., St. Mary's University (San Antonio, Texas), 1957
 DOLORES MARGARET RICHARD, B.S., Southern University, 1957
 OLGA MARY SLEZNICK, B.S., 1956
 JOHN EVERETT STROUT, B.S., 1957
 ROBERT MARTIN VOGT, B.S., 1956

In Mechanical Engineering

MADHUSUDAN SURYARAM BHATT, B.Eng. (M.E.), B.Eng. (E.E.), Gujarat University, 1956, 1957
 JOHN FREDERICK HAWDON, B.S., Bradley University, 1957
 JAYANT KAMAT, B.M.E., George Washington University, 1957
 JAMIE PARKER LAMB, JR., B.M.E., Alabama Polytechnic Institute, 1954
 CHARLES MERRICK PHIPPS, JR., B.S., Massachusetts Institute of Technology, 1948

In Metallurgical Engineering

BADRI NARAYAN DAS, B.E., Bengal Engineering College, 1952
 THEODORE JAMES KOPPENAL, B.S., University of Wisconsin, 1954
 DANIEL WEINSTEIN, B.S., 1957

In Music Education

EUGENE ANTOINE ADAM, A.B., Central College, 1950
 DIANE HELEN BERKOWITZ, B.S., Temple University, 1957
 JOHN WILLIAM CHIDDIX, B.S., Illinois State Normal University, 1955
 JOHN EDWARD DEROULE, B.S., 1957
 JOE WILSON FIGG, JR., B.Mus., Oklahoma City University, 1953
 LAWRENCE NEVIN GNAGEY, B.S., 1952
 EVALYN NORRIS GRANT, B.Mus., Millikin University, 1953
 DAVID ASHLEY KOZELKA, B.Mus.Ed., Vandercook College of Music, 1956
 ROSCOE EUGENE McNISH, B.Mus.Ed., Illinois Wesleyan University, 1957
 GLENN ROGER MORTENSON, B.S., 1955
 THOMAS ELBERT NEICE, B.S., Western Illinois University, 1950
 ARTHUR ELLIOTT PRICE, JR., B.S., 1956
 LOUIS JEROME REHBERG, B.S., State Teachers College (West Chester, Pennsylvania), 1957

GEORGE NATHAN REID, B.Mus., DePauw University, 1951
WAYNE FRANKLIN RICHARDS, B.S., 1952
KENNETH HOWARD ROOKER, B.S., 1957
SISTER ANNA CLARE HANNA, A.B., St. Ambrose College, 1953
SISTER MARGARITA HEISSERER, B.Mus., Fontbonne College, 1954
SISTER MARY ROSA RAUTH, A.B., Rosary College, 1948
JOHN HARPER SWICKARD, B.S., 1952
WILLIAM ALEXANDER WEDDLE, B.Mus.Ed., Murray State College, 1954
ANNE ELAINE ZAHNISER, B.S., Greenville College, 1954

In Physical Education

HARRY HURLBURT BELL, JR., B.S., Springfield College, 1952
ROLAND GUNNARD BROMBERG, B.S., State Teachers College (Bemidji, Minnesota), 1955
CHARLES BUTLER, B.S., 1957
THEODORE WALTER CONNER, B.S., Springfield College, 1955
RAYMOND BROOKE ESSICK, JR., B.S., 1955
ROBERT BARRIE EYNON, A.B., University of Western Ontario, 1957
GEORGE MICHAEL FARLEY, B.S., 1958
ELIZABETH ANN GEORGE, B.S., Pennsylvania State University, 1955
RUBY ALMA GREMEL, B.S., Central Michigan College, 1957
MERVYN B. HAYCOCK, B.S., 1957
FRANCIS JOSEPH HAYDEN, A.B., University of Western Ontario, 1955
RICHARD ARTHUR HOLMES, B.Ed., University of Alberta, 1957
ANDRÉ SIMÉON HUPÉ, A.B., University of Ottawa, 1957
LYNNE DOROTHEA KNIPPLER, B.S., Brooklyn College, 1957
GLYNN ARTHUR LEYSHON, A.B., University of Western Ontario, 1954
RICHARD LEON MARSH, B.S., Eastern Michigan College, 1957
NORMA JEAN MUNIE, B.S., University of Oregon, 1953
EUGENE ROBERT NORRIS, B.S., 1957
FRED WILLIAM OHNMACHT, B.S., State University of New York Teachers College (Brockport), 1957
LAWRENCE LEE FATTEE, B.S., Tarkio College, 1957
ROBERT LOUIS SLUSAREK, B.S., Southwest Missouri State College, 1957
ROGER GILBERT SOULE, B.S., State University of New York Teachers College (Courtland), 1957
JAMES DALE STABLEFORD, A.B., Albion College, 1957
RONALD KENT STEWART, B.S., University of Dubuque, 1951
SIDNEY BERNARD SWARD, B.S., 1957
KENNETH GENE TILLMAN, A.B., Augustana College, 1954
HELEN ELIZABETH WILS, B.S., Northern Michigan College, 1948

In Physics

JOHN JOSEPH EHRLICH, B.S., Illinois Institute of Technology, 1953
ROBERT JOHN LITWILLER, B.S., Beloit College, 1956
ROBERT FOSS SEYMOUR, B.S., 1956
PAUL ERNEST WESTON, A.B., Wesleyan University, 1956

In Physiology

MARINUS FLUX, B.S., Memphis State College, 1957
MARVIN ZEFT KURLANCHEEK, A.B., Wilkes College, 1957

In Recreation

JOSEPH JOHN BANNON, B.S., Ithaca College, 1957
ROBERT EUGENE CRYER, B.S., 1953
JOHN PHILIP HOSINSKI, B.S., University of Notre Dame, 1955
MILDRED KATHRYN McMANUS, B.S., Southwest Missouri State College, 1956
CARL EDWARD RUUD, A.B., Eastern Washington College of Education, 1954
LAURA JOAN WECKWERTH, B.S., Springfield College, 1954

In Speech Correction

PHILIP RUSSELL BREIDING, B.S., Carthage College, 1950

In the Teaching of Biological Sciences and General Science

HUGH WILLIAM HULSEY, A.B., Evansville College, 1954

GARLAND HOWARD LACEY, B.S., 1957

JOHN DAVID VAN DE VEN, B.S., 1958

In the Teaching of Chemistry

LORRAINE MARY TRUZYNSKI, B.S., Illinois Institute of Technology, 1954

In the Teaching of Mathematics

JESSE BOOKER CURTIS, B.S., Illinois State Normal University, 1953

BENJAMIN WHITFORD MAXSON, B.S., 1952

WALTER BROR PETERSON, B.S., Elmhurst College, 1957

SISTER MARIE CELESTE GATTI, A.B., Rosary College, 1952

In Veterinary Medical Science

JOHN PATRICK MANNING, D.V.M., Kansas State College of Agriculture and Applied Science, 1951

In Zoology

RICHARD ALLEN ALBACH, B.S., 1956

JACQUES BERGER, B.S., Pennsylvania State University, 1955

JON RODERICK CULBERTSON, B.S., 1956

MARGARET PRATT DYSART, A.B., Winthrop College, 1956

Degree of Master of Music

JOSEPH LEE DECHARIO, B.Mus., Kansas State Teachers College (Pittsburg), 1957

DAVID WARD-STEINMAN, B.Mus., Florida State University, 1957

Degree of Master of Education

SUSAN ABBOTT, B.S., 1957

RALPH EARL ABELL, B.S., 1955

JESSE DAVID ALLEN, B.S., 1942

WILDA MCKEOWN ASH, B.S., 1939

NORMAN CHARLES ASHCRAFT, B.S., 1958

MARIAN HALBERTA BARNHART, B.S., 1950

LEONA ROWENA BARR, B.S., Southern Illinois University, 1954

DONALD CARL BARRETT, B.S., 1951

STEN-TOLLE BAY, Teacher's Cert., Teachers College (Denmark), 1955

LEONARD EVERETT BELOTE, B.Ed., Western Illinois University, 1943

ROBERT FRANK BERKLEY, A.B., George Peabody College for Teachers, 1952

WILLIAM THOMAS BLACKWOOD, B.S.A., University of Arkansas, 1948

JOHN DAVID BLAKEMAN, B.S., Western Illinois University, 1955

RONALD WILLIAM BOEHM, A.B., Monmouth College, 1954

DOLORES DEL RIO BRANCH, A.B., Harris Teachers College, 1955

ROBERT DEAN BRIGHT, B.S., Illinois State Normal University, 1956

CARL SYLVAN BROCK, B.S., McKendree College, 1933; B.S., 1939

FRANK BROOKS, B.S., Western Illinois University, 1952

FRANCES ELIZABETH BROWN, A.B., 1950

PHILIP EUGENE BROWN, B.S., 1955

ANNA MAY BRUMMETT, B.Ed., Eastern Illinois University, 1942

ELIZABETH COLEMAN BUCKLEY, B.Ed., Western Illinois University, 1943

DAVID SPENCER BURGETT, B.S., Eastern Kentucky State College, 1953

RALPH DELOS BUSWELL, B.S., 1950

DONNIE JUNE LARIMER CALVIN, B.S., Southwest Missouri State College, 1953

JANIE LYN CAMPBELL CAREY, B.S., Jackson College, 1951

PAUL CURTIS CAREY, B.S., 1953

JEAN BAYSINGER CARRUTHERS, B.S., 1941

ELDON RAY CHAPMAN, B.S., 1951

SHIRLEY HOPE MIGHELL CHERRY, B.F.A., 1942

MARY CECELIA CLIFFORD, Ph.B., Marquette University, 1951

- MARILYN MARGARET HENNENFENT CLUTE, B.S., Western Illinois University, 1953
KENNETH HUGH CONNELL, B.S., Eastern Illinois University, 1949
JANIE WASHINGTON CONRAD, B.S., Lincoln University, 1952
DOROTHY HAEN CONWAY, A.B., Aurora College, 1954
PAUL WILBURN COX, B.S., Morehead State College (Kentucky), 1957
TAM THI DANG, Licence, University of Geneva, 1955
BUFORD FRANKLIN DANIEL, B.S., 1958
JOSEPH LEE DeGULIE, B.S., 1949
NANCY LOU DELEGATO, B.S., 1957
DONALD WAYNE BERNARD DILLER, B.S., 1957
ROY DEAN DILLON, B.S., 1952
MARY ANN GARRETT DIXON, B.S., Southwest Missouri State College, 1955
WANDA FAYE TAYLOR EDWARDS, B.S., Olivet Nazarene College, 1954
LOUISE ELIZABETH ELISHA, A.B., Knox College, 1952
JAMES RALPH ENNIS, B.S., Bradley University, 1953
GERALD GENE FEDRIGON, B.S., Illinois State Normal University, 1952
CAROL LEE FITCH, B.S., Iowa State College, 1950
HAROLD KEITH FOLLETT, A.B., Monmouth College, 1951
JEWEL DAVIS FOLTZ, A.B., Harris Teachers College, 1955
MARY ANNA FRANKLAND, B.S., Eastern Illinois University, 1955
FLOYD MAC FULLER, B.S., 1952
ROSE MARTHA GAMMILL, B.S., Colorado State University, 1935
BERTHA LOUISE GIBSON, B.S., 1948
FRANCIS JOSEPH GRABOWSKI, A.B., Southern Illinois University, 1954
CHARLES AUGUST GRANT, JR., B.S.E., Henderson State Teachers College, 1953
MARY ELLEN GRAPER, B.S., Lawrence College, 1950
WANDA JUNE GRAVES, B.S., Southern Illinois University, 1952
MERLE CAROL GROLLEMOND, B.S., 1956
MARGARET AILEEN HAGAN, A.B., 1951
DUANE SMITH HALL, B.S., 1948
MYRTLE DINGLEY HARADON, B.S., Drake University, 1953
ELLA LEE HARRIS, B.S., Rust College, 1948
MARILYN ARLENE HARTLEY, A.B., Washington University, 1954
SARAH STEVENSON HEAD, A.B., Southern University, 1931
ANN ORTON HERREID, A.B., 1954
MARY KRUMSIEK HILLER, B.S., Washington University, 1948
MARY MARGARET HOAG, B.S., Nebraska State Teachers College (Peru), 1954
INES SILVERSTRINI HOFFMEISTER, B.S., Illinois State Normal University, 1952
LEANAH SETTLE HOGSETT, B.S., University of Missouri, 1955
KEITH JANES HUNT, A.B., 1954
MARY KATHRYN HUSER, B.S., 1954
ROBERT CARL IFTNER, B.S., 1950
HELEN HENSLEIGH INCI, A.B., State University of Iowa, 1944
HAL PRESTON ISLEY, B.S., Southeast Missouri State College, 1941
EARL FERDINAND JAY, B.S., Western Illinois University, 1955
EMMITT CHARLES JEFFRESS, B.S., 1952
JESSIE LOUIS JOHNSON, B.S., Southern University, 1950
LURETTA VERN COOK JOHNSON, B.S., Northern State Teachers College (South Dakota), 1944
JOHN NOAH JONES, B.S., Eastern Illinois University, 1955
WINFIELD SCOTT JUDY, B.S., Kansas State College, 1950
FRANCES LUCILLE KAUTSKY, B.S., Illinois State Normal University, 1950
EWALD ROBERT KESSLER, A.B., Carthage College, 1941
JESSE HAROLD KEYSER, B.S., 1953
ARDELL WRIGHT KIMMEL, B.S., 1950
CHESTER EDWARD KNIGHT, B.S., University of Missouri, 1951
WILLIAM KOERT KOPP, A.B., Valparaiso University, 1954
NANCY BERQUIST KORT, B.S., 1955
JANE CAMERON LARE, A.B., Occidental College, 1957
PHYLLIS WANDA LASKE, B.S., Bradley University, 1953
KENNETH JOHN LIMKEMAN, B.S., Western Illinois University, 1951
LLOYD JOLLEY LOWE, B.S., Ball State Teachers College, 1941
HENRY JOSEPH MARCACCI, B.S., Western Illinois University, 1947

JOSEPH RICHARD MASON, B.S., Greenville College, 1956
CHARLES CURTIS MATTHEWS, B.S., Southwest Missouri State College, 1954
GEORGE RANDOLPH MATTOX, B.S., Illinois State Normal University, 1952
OLIVER WENDELL MCCAIN, B.S., Iowa State College, 1952
MILDRED MCCLURE, B.S., Northeast Missouri State Teachers College, 1938
CHARLES RAYMOND MCCREIGHT, B.S., Western Illinois University, 1950
EMILY BALL MCINTOSH, B.S., Illinois Institute of Technology, 1935
DONALD CLARENCE MCWARD, B.S., 1950
ROBERT HAYES MCWHERTER, B.S., Illinois State Normal University, 1955
LOIS JOHNSON MECHLING, B.S., 1954
VIRGINIA MARIE MERO, B.S., 1948
JOE LEWIS MILDRED, B.S., Illinois State Normal University, 1954
DOUGLAS HOLLIDAY MOEWS, B.S., 1952
GERTRUDE CATHERINE MORGAN, B.S., St. Louis University, 1944
IRENE KING MORGAN, B.S., Central State College (Ohio), 1949
GLADYS ELIZABETH MULCAY, A.B., Iowa State Teachers College, 1942
WARREN CLIFTON MULCH, B.S., Culver-Stockton College, 1941
GEORGE JOHN NAPIER, Ph.B., Illinois Wesleyan University, 1949
VERLA JENKINS NASH, B.S., Illinois State Normal University, 1951
ROBERT OAKES, B.S., Millikin University, 1955
RUTH NIVEN OLIVER, A.B., University of Arkansas, 1931
HOWARD DAVID OLSEN, B.S., 1956
EMILY L. PERKINS O'NEAL, B.S., Alcorn Agricultural and Mechanical College, 1950
CHARLOTTE ELIZABETH ORCUTT, B.S., 1952
HENRY PEMBERTON ORGAN, B.S., Bishop College, 1951
ALAN LEROY PERRY, B.S., Illinois State Normal University, 1953
JOHN ROBERT PETERS, A.B., Illinois Wesleyan University, 1950
PHYLLIS EILEEN PIPER, B.S., Southern Illinois University, 1954
ROBERT OMAR POLLEY, B.S., 1951
GEORGE WESLEY PRUITT, B.S., University of Missouri, 1955
JEAN QUINN, A.B., Illinois Wesleyan University, 1949
HERBERT DEAN RAAB, B.S., Illinois State Normal University, 1954
PAUL FREDERICK RAAB, Ph.B., Illinois Wesleyan University, 1953
GILBERT GLEN RAGSDALE, B.S., Southern Illinois University, 1949
CATHERINE VELORES RAMSEY, B.S., Tennessee Agricultural and Industrial University, 1953
GERALDINE HULET REISS, A.B., 1938
JOHN ANDREW RENFRO, B.S., Southern Illinois University, 1954
LURENE JONES ROBINSON, B.S., Alcorn Agricultural and Mechanical College, 1947
MARY SHINN MOST ROGERS, B.S., 1954
ALICE PREWITT ROSS, B.S., 1940
DOROTHY FERNE JOHNSON RUDE, B.S., Southern Illinois University, 1953
MARY CATHERINE RUSSELL, B.S., Southern Illinois University, 1947
JOSEPH SALVATORE, B.Ed., Rhode Island College of Education, 1939; B.S., Brown University, 1955
DOROTHY FLORENCE HARWEGER SAMS, B.S., Illinois State Normal University, 1953
EDWIN WILLIAM SAUER, B.S., 1949
MAIDA WOOD SHARPE, A.B., University of California (Los Angeles), 1930
EFFA ESTHER SIDWELL, B.S., Eastern Illinois University, 1950
ALICE MARILIN SIMMONS, B.S., Southern Illinois University, 1954
VELMA LOUISE SINGER, B.S., Western Illinois University, 1952
SISTER MARY BERNADETTE HERMAN, B.S., DePaul University, 1950
SISTER MARY LEONARDA HERMAN, B.S., DePaul University, 1951
SISTER MARY PETER KENNEDY, A.B., Mount St. Scholastica College, 1951
SISTER MARY NORBERT MARRON, B.S., DePaul University, 1952
SISTER MARY PAULA SCHLEEFER, B.S., Loyola University (Illinois), 1951
SISTER M. EVANGELINE TALARICO, B.S., DePaul University, 1950
SISTER MARY VERONA THOMPSON, A.B., DePaul University, 1950
BEVERLY MARLENE SKYLES, B.S., 1957
ROYAL JACKSON SMALL, A.B., Arkansas State College, 1949
HARRY WILLARD SMITH, Jr., B.S., 1940
JESSE ROBERT SMITH, B.S., 1958

RUTH BLACK SMITH, A.B., West Virginia State College, 1952
 HAROLD EDWIN SPENCER, A.B., Southern Illinois University, 1950
 ROGER EARL STEINGRABER, B.S., 1957
 THOMAS CRAWFORD STEWART, B.S., 1950
 VIVIAN ADELE STILES, B.S., 1956
 LELAND NEWELL SWENGEL, A.B., Indiana Central College, 1939
 FRANCES JOHNETTA TAYLOR, A.B., Stowe Teachers College, 1950
 MINNIE ELLA STORY THOMAS, B.S., Agricultural, Mechanical and Normal College (Arkansas), 1949
 YUN TIEN, A.B., National Taiwan University, 1955
 LEOLA ISOM TOLEN, A.B., Harris Teachers College, 1955
 DONALD LEROY TOOLE, B.S., Illinois State Normal University, 1952
 ELIZABETH ANN TOWNSEND, B.S., Southern Illinois University, 1955
 DONALD HERBERT TRIMBLE, B.S., Illinois State Normal University, 1953
 KUSADE TURUNC, Dipl. of License, Istanbul University, 1955
 JAMES JOSEPH VALEK, B.S., 1949
 MARY SWERPLUS WATSON, B.S., 1956
 MARY KATHRYN WATTS, B.S., 1951
 EVELYN RUTH WEAKLEY, B.S., Olivet Nazarene College, 1950
 ROBERT JOSEPH WEHRLI, B.S., 1939
 LILLIE MAE WILLIAMS, A.B., Harris Teachers College, 1955
 DORIS TILLMAN WILSON, B.S., Eastern Illinois University, 1955
 JOHN FINLEY WITHERSPOON, B.S., 1955
 ELDON EARL WITT, B.S., 1952
 MARGARET ANNE WOOD, B.S., Eastern Illinois University, 1953
 DOROTHY ELIZABETH WOODWORTH, A.B., John B. Stetson University, 1949
 DAISY IRENE WOODYARD, B.S., Eastern Illinois University, 1955
 MILDRED ERLENE WRIGHT, B.S., 1950
 YU-YU WU, A.B., Taiwan Normal University, 1957
 ANNA KATHERINE YOUNG, B.Ed., Southern Illinois University, 1956

Degree of Master of Fine Arts

RICHARD WILLIAM KINNAIRD, A.B., Carleton College, 1953
 RUTH AIZUSS MAGDAL, B.Art Ed., School of the Art Institute (Chicago), 1954
 JO ANN WATTS, B.F.A., Washington University, 1956
 JOHN SIDNEY WELLER, B.F.A., 1955

Degree of Master of Social Work

HAROLD ERNEST GRAY, A.B., University of Minnesota, 1953
 JOSEFINA SAN AGUSTIN LOPEZ, B.S., Centro Escolar University (Manila), 1956
 DONNA LOU STARR, A.B., Capital University, 1956
 KIYO YOSHIMURA, A.B., 1956

Advanced Certificate

In Education

DAVID RAY ANDERSON, B.S., M.S., 1936, 1951
 FLOYD OLIVER BECHERER, A.B., A.M., Washington University, 1947, 1950
 MARY KAY CULVER, B.S., Ed.M., 1951, 1953
 PASQUALE RAYMOND DARDANO, B.Mus., Chicago Conservatory, 1948; M.Mus.Ed., Illinois Wesleyan University, 1955
 HILMA RUTH DAVIS, B.S., Kansas State Agricultural College, 1932; Ed.M., Colorado State University, 1943
 KENNETH FRED GILL, A.B., Illinois College, 1950; Ed.M., 1955
 KATHRYN MARIE GUNIER, B.S., Arizona State College, 1951; M.S., 1953
 ROBERT FERDINAND HILLENBRAND, A.B., North Central College, 1950; A.M., University of Chicago, 1953
 LOIS LULU LILLY, B.S., Illinois State Normal University, 1946; M.S., 1950
 LAMIA EMINE OZINONU, Diploma, Ankara University, 1942; Ed.M., 1957
 JAMES LEROY ROOKER, B.S., Ed.M., 1950, 1953
 STANLEY BERNARD SINGER, B.S., Southwest Missouri State College, 1956; A.M., 1958

DOROTHY STEINER STUHLMANN, B.Ed., Illinois State Normal University, 1941; M.S., Millikin University, 1954
 JESSE DAVIS WALLACE, B.S., Murray State College, 1950; Ed.M., University of Missouri, 1953
 GRACE KATHERINE WATSON, B.S., Stout Institute, 1935; M.S., University of Wisconsin, 1951
 WILLIS HENRY WEBER, B.S., Eastern Illinois University, 1948; M.S., 1951
 ROSE HELEN WIRCHAK, B.S., M.S., 1929, 1949
 HAROLD PETER YUNG, B.S., Ed.M., 1950, 1953

In Music Education

PAUL JOSEPH SCHARFENBERG, B.S., M.S., 1951, 1956
 OWEN LEE WEST, B.Mus., M.Mus.Ed., Illinois Wesleyan University, 1950, 1954

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Agriculture

EDWARD CHARLES CARLSON	JAMES HARRY JANICKI
CARL KENNEDY CLAYTON	JAMES EDMUND LLOYD
JOHN ARNOLD DICKSON	D. HERBERT NELSON
VERNON LEROY HALL	JAMES EDWARD PURDUE
PATRICK LEO HARMON	JOHN LOREN ROSEBERRY
HAROLD EUGENE HARMS	ERNEST JUNIOR SLAUGHTER
ALAN RICHARD ILIFF	HUBERT CLARK WALLS

In Food Technology

ROBERT CHARLES HAUCK

In Home Economics

KAREN LOUISE CLARK	LORNA JUNE HOGE TARAKI
JUDITH VIRGINIA HAGE	CAROL VIRGINIA TOMLINSON
SHIRLEY JOAN HANTACK	VERNA MAE VOGT
MARY JO FAIN MATHESON	DORIS SAMUELSON WETZEL

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Aeronautical Engineering

ROBERT HERMAN BELLMAN	WILLIAM GEORGE NELSON
RUSSELL CLAY BREWER	ARTHUR TOROSIAN
NIKANDR SLAWOMIR CIOTH	ALFRED HUNT UHALT, Jr., Honors
ALAN SHERWIN HERSH	PAUL JACOB VAN ZYTVELD
THEODORE THOMAS JAMISON	ROBERT RAY WHIPKEY
STANLEY CHARLES MARZALK	COLMAN BYRON WINN
JOHN JOSEPH NEDELK	

In Agricultural Engineering

JAMES FRANCIS GASTEL	JOHN CARTER McMUNN
RONALD CLARK HOLT	

In Civil Engineering

ABDUL JAMIL AHMADZAI	VICTOR JONATHAN PAUL, Honors
DANIEL ROGER BLANCO	RAFAEL GONZALEZ PETRO
LARRY EDWARD BOARD	OSTAP JEROME SHENKIRYK
ROBERT ALEXANDER BRISTOW	MAX JOSEPH STRIEDL
EDWIN DALE BUXTON	MOHAMMAD BAKR OSMAN TABBAA
ROBERT CHARLES FLORY	KENNETH EDWIN WEST
ROBERT LOUIS GENDE	KENNETH EARL WHITE
EDWARD MICHAEL JABLONSKI	JOSEPH JAMES WOZNIAC
RONALD KAYE KRAFT	

In Electrical Engineering

ALBERT ANTANAS BARTKUS
 JOHN WAYNE BARTLEY, High Honors
 JACK DEAN BETZ
 JAMES VINCENT BLOOMQUIST
 RONALD VERN BOWMAN
 LEONARD BRONSWICK
 JAMES FRANCIS GRUDER
 THOMAS ELWOOD GUERIN
 JAMES EDWARD HARWARD
 HENRY RICHARD HEGNER
 JOSEPH ANTHONY HEINTZ
 ENRIQUE GUILLERMO HERNANDEZ
 RICHARD LEE HUITEMA
 ROBERT MASON JEPSON
 FRANCIS KICZUK
 JOHN ALLAN KLOBUCHAR
 ROBERT PAUL KOLB
 JOHN WILLIAM KUTZ

ROGER SMITH LAYMAN
 ALVARO LEGA-RUEDA
 HAROLD RAY MALESKI
 EVERETT DALE METCALF
 DONALD PAUL MICHAL
 ROBERT EUGENE MOLL
 THOMAS MARTIN MORGAN, JR.
 HERBERT TAKAO NAGATA
 RAYMOND JULIUS NEVENNER
 GEORGE HISASHI OKUBO
 ORIN DALE PEARMAN
 JOEL KELLY ROACH
 ROBERT LEE SWANSON
 RUXTON GREGORY TUCKER
 RICHARD ANTHONY URBAN
 CREIGHTON STANLEY WARREN, JR.
 RAYMOND JOHN WILFINGER
 JAMES JOSEPH YAKICH

In Engineering Physics

DONALD ALLAN LEHR

In General Engineering

RICHARD CARDWELL ANDERSON
 HAROLD CARL ERICSON
 WAYNE ARTHUR HAMILTON
 WALTER HARRY HOLM
 RAY EUGENE HOWLAND

JOHN PATRICK HUFF
 JOHN ROBERT MARCHETTI
 JON LEROY PEACY
 JESSE FLOYD RIGGS

In Mechanical Engineering

LEONARD EARL BALTZELL
 JOHN GWINFORD BARTON, Honors
 NELS HARRY BERG
 BERNARD BULLARD BURNETT
 WILLIAM EDWARD CUNNINGHAM
 WILLIAM PETER DAHM
 DEMETRIOS CONSTANTINE DIAMANTAKIS
 BENJAMIN RAPHAEL DRONE
 GLEN SHAO ENG
 ROBERT VICTOR ENSTROM
 CARLOS ALBERTO ESCOBAR-MELENDRIO
 JOSEPH RUDOLPH GARTNER
 ROY FRANZ GOERN
 CHARLES DUANE KING

ROBERT JACK KOSTAL
 WESLEY EDWARD LINDBERG
 ROLF ALFRED MADLAND
 JOSEPH WILLIAM MARCHELLO
 EARL BURNELL MUIR, Honors
 CHARLES RICHARD PEDERSEN
 JOSEPH ACHILLE PLAMONDON
 ANTANAS JURATIS RUMSA
 WILLIAM FREDERICK SHARP, High Honors
 THOMAS PATRICK SULLIVAN
 MAUNG TUN THEIN
 TAI TE WU, High Honors
 JOHN HENRY ZIMMERMAN

In Metallurgical Engineering

RONALD CHARLES LARSON

JOHN HECTOR MACKENZIE

In Mining Engineering

ROBERT ROY WEHRLE

In Sanitary Engineering

HENRY HERMAN KOERTGE

ARNOLD MICHAEL TINKEY

Degree of Bachelor of Naval Science

ERMETT THEODORE MUELLER

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

THERESA KAPLAN ABRAHAM
 ROBERT STUART BALLER, Honors in
 Liberal Arts and Sciences
 NORMAN PAUL BASKES
 GAIL ELIZABETH BEAVERS
 JOHN DAVIDSON BRASWELL
 JULES GERROLD COGAN
 RAY EDWARD CONVERSE
 ROBERT ALLEN COOPER
 BETTY JEAN DEUSS
 WILLIAM KEITH FEWKES
 MARSHALL ALAN FLEISCHMAN
 PETER ANTHONY FREY, Honors in
 Liberal Arts and Sciences
 JERRY ELI FRIEDMAN, Honors in
 Liberal Arts and Sciences
 ARNOLD LARRY GILBERG
 DONALD NATHANIAL GOLDSTEIN
 KENNETH HEYWOOD GOODWIN
 HUGH JOSEPH GRAHAM III
 VIRGINIA DAVID HAMILTON
 PHYLLIS FISHER HENDERSON
 MARILUISE HEXDALL, Honors in Lib-
 eral Arts and Sciences with High-
 est Distinction in Spanish
 RODERIC STEPHEN HUBER, Honors in
 Liberal Arts and Sciences
 HELEN SHUMAN HUGHES, Honors in
 Liberal Arts and Sciences with
 Distinction in Rhetoric

MARY LOUISE REYES JOHNSON
 JOHN MARTIN KEMPTON, JR.
 LOIS ELAINE KYLE
 MARGARET ELLEN LARSON
 MORRIS ALLEN LEVY
 BARBARA DIXON LINDBURG
 RONALD BAILEY LYON
 JERRY ELMER MERZON
 RICHARD BRYANT NEU, Honors in Lib-
 eral Arts and Sciences
 NANCY LOIS PAXTON
 PATRICIA MARGARET PETERSON
 DONALD JOHN RENINGER
 RICHARD BUHRMAN ROBERTSON
 BERNARD EDWARD SCHANER
 JOAN ICOVE SILVERSTEIN, Honors in
 Liberal Arts and Sciences with
 High Distinction in Psychology
 JAMES SLOAN, Honors in Liberal Arts
 and Sciences with High Distinction
 in Philosophy
 THOMAS BENEDICT SOWKA
 ELEANOR STRATTON STEFFENS
 LARRY CHESTER STULTZ
 ALICE WATSON THUROW, Honors in
 Liberal Arts and Sciences
 VYTAUTAS UZGIRIS
 DORIS MARIE VANIS
 TERRY MARSHALL WADE
 WALTER SVEN WIGERT

In the Teaching of English

ALAN NOEL SWANSON, Honors in Liberal Arts and Sciences

In the Teaching of German

MYRON EMILIAN NOWOSAD

In the Teaching of Social Studies

CHARLES WILLIAM HALEY

HELEN FRANCES NASS

In the Teaching of Speech

CARL RICHARD EK

RONALD JACK JOHNS

Degree of Bachelor of Science

In Chemical Engineering

HOMER ROBERTS FOSTER
 ROBERT JOHN HAGEDORN
 RAYMOND JOHN KIZIOR
 REUVEN ASHER MORAINÉ

LEE EDWARD PEARSON, Honors in Lib-
 eral Arts and Sciences with Dis-
 tinction in the Curriculum
 ELDON WILLIAM PETERSON
 HENRY JOHN SNELLA

In Liberal Arts and Sciences

NANCY KERR COHN
 SIDNEY ALLAN COPILOW

JOHN SCOTT DECKER, Honors in Liberal
 Arts and Sciences

GEORGE ANN SMITH GRAMMER, Honors
in Liberal Arts and Sciences
GEORGE RAYMOND HONIG, Honors in
Liberal Arts and Sciences
MODESTAS JAKAITIS
KENNETH NEAL KRISCHER
JOHN DOUGLAS LAMIOT
DUANE MILTON MOORE, Honors in Lib-
eral Arts and Sciences

LAVERNE AGNES NOWAK
KENNETH JOHN PALMER
ARLYN EUGENE RENKES
JOANNA GAIL SKEIVYS, Honors in Lib-
eral Arts and Sciences
HUBERT GUSTAV HILMAR WILHELM,
Honors in Liberal Arts and Sci-
ences with Highest Distinction in
Geography

In the Teaching of the Biological Sciences and General Science

JUDITH BYER MOSTOVOY, Honors in Lib-
eral Arts and Sciences with Dis-
tinction in the Curriculum

THOMAS FRANK VALENTINO

In the Teaching of Chemistry

ROGER KENT BUNTING

COLLEGE OF LAW

Degree of Bachelor of Laws

GLEN LAFON BORDEN, A.B., Nebraska
State Teachers College, 1935; A.M.,
State University of Iowa, 1940
ROBERT PAUL BOWMAN, A.B., 1955
ROGER ARTHUR CLARK, B.S., 1954;
Honors
WILLIAM JAMES GENTLE, A.B., St. Ben-
edict's College, 1952
JAMES MARTIN GUTHRIE, A.B., Mon-
mouth College, 1955

WILBUR SPENCER JOHNSON, B.S., Illi-
nois State Normal University, 1951
FRANK JOHNSON MERRILL, B.S., Illinois
Wesleyan University, 1954
ROBERT RITTER NELSON, B.S., 1953
RONALD WAYNE POLSTON, B.S., Eastern
Illinois University, 1953
CHELLIS EUGENE TAYLOR, B.S., 1953
HARVEY SAMUEL TRAUB, B.S., 1957
EDGAR HUGH TWINE, B.S., 1956;
Honors

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In Education

ROSE GREEN BURNS
MARILYN EDNA FRIS
PATRICIA ANN HILL
JOHN LESLIE RICHARDS

GARY LEE SCHULTZ
HAZEL MARIE SHAFFER
MARY INGRAM STAYTON
EVELYNNE MAE STILES

In Elementary Education

GENEVA MAXINE BOHN
RUTH VOSS BURNETT, Highest Honors
GAIL NEWMAN GOLDSTEIN, High
Honors
VIRGINIA SHIMP HECK
DAVID NEALE JEFFREY
CAROL LEE MCADOO
RUBY MARIE MORGAN

IVA LUCILLE NORBECK
SUSAN JOAN PRATT
EVA MARTIN SMITH
JOANN TOWERS SMITH
LEOLA MCQUERRY SPURLIN
BONNIE ANN TIDD
ROBERTA BECK WOLF

In Industrial Education

ROBERT STEWART DANIELS

In the Education of Mentally Handicapped Children

MICHAEL ANGELO DONZELLA
RUTH WEIGLE DUMBAUGH

LILA KATHERINE MARTIN

In the Education of the Deaf

JEANETTE CZYZ

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION**Degree of Bachelor of Science***In Accountancy*

WALTER EVERETT BAKER
 JULIAN ROSS BOCKSERMAN
 JAMES GRONAU CARR
 RICHARD HANSEN
 JAMES AVERY HOLT, Honors
 JEROME DAVID MALLER
 EDWIN VINSON MATNEY

RICHARD JOHN MIELCARZ
 SHELBY ALLEN ORRELL
 FINLEY WILLIAM PHILLIPS
 ROBERT EUGENE RITTER
 JOE BOB SCOTT
 ROBERT VINCENT SHEEN
 CARL RUSSELL THOMPSON

In Commerce and Law

GUS JAMES ATHAS

In Economics

WALTER JOHN LESIUK
 JOLANTA SZAWDYN MARSZALK

SEONG YAWNG PARK
 ROBERT FERDINAND SEVERSON, Jr.

In Finance

DONALD EDWARD CROOK, Honors
 JULIAN JOSEPH GORSKI

JOHN HEATON LEE

In General Business

ALAN MURRAY GUNN

In Industrial Administration

ROBERT MARTIN BOJARZIN
 ROBERT BRUCE ELLIOTT
 DENNIS PHILIP MANNING

THOMAS ALAN MCCOWEN
 PHILLIP THOMAS SCHMITT
 MILTON JESSE YOUNG

In Management

ROMAN J. BARTUSKA
 WILLIAM EUGENE DUCK
 ROBERT EDWARD FORSLEV
 WILLIAM THEODORE HERMAN
 BYAN LEE HOUSER
 RICHARD NEIL HUFFMAN
 CHARLES THOMAS PETERSON

CARL RICHARD SPLETZER
 DANIEL BERNARD THOM
 STEWART ARMSTRONG TRIMBLE
 GERALD WILLARD VAN TREECK
 JOHN WILLIAM WALL
 RONALD WOOD WRIGHT

In Marketing

WALTER LOUIS CARL
 FRANCIS WOODY CHEATHAM
 WINIFRED FLORABELLE CATHERINE
 ERICKSEN
 ROBERT RICHARD GREENFIELD
 WILLIAM GREENGOSS
 JERRY LEON JUNAS
 DARRELL GENE KAHL
 LEE RUBIN LIPPMAN

WILLIAM THOMAS LOUGHMAN
 THANE OSCAR MALMSTONE, Jr.
 THOMAS GARFIELD MOORE
 GERARD PETER NUGENT
 EDWARD JOSEPH ROHN
 RONALD SHELDON SCHWARTZ
 KENNETH FREDRICK SUTTER
 DONALD ROBERT THORPE

In Secretarial Training

RUTH ANN KELLER

COLLEGE OF JOURNALISM AND COMMUNICATIONS**Degree of Bachelor of Science***In Journalism*

JAMES LAWRENCE BEAUMONT
 THEODORE RONALD COUCH

DOLORES HODGES KENNEDY
 RUDOLPH KOLAK

HERBERT DEAN NOSKER
 WILLIAM MOORE ROBERTS
 GUY EMIL SEYMOUR II

VICTOR PHILIP SHANER
 FRANK LESLIE STANLEY, JR.

COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Architecture

URIAH ROBERT DAVIS, JR.
 MICHAEL DAVITT MURPHY, JR.

RICHARD WILLIAM ZEINER, High
 Honors

Degree of Bachelor of Fine Arts

In Advertising Design

DOUGLAS EDMUND DEUSS
 JEAN MARIE KRAUSE

DOROTHY JEAN STANLEY

In Art Education

BARBARA ANNE BERETICH

MARGUERITE JUNE KASPROWICK

In Industrial Design

ELMER WILLIAM GRIESE, JR.
 BUDDY JACK REALEY

MAHLON BRUCE SLOCUM

In Painting

LOIS MARILYN PLAYER

Degree of Bachelor of Music

JOEL STEPHEN THRAWL

Degree of Bachelor of Science

In City Planning

JOHN HANIK SLIMAK

In Music Education

WILLIAM PETER CALLAHAN
 RACHEL LUCIA DAY
 NORMAN GEORGE DUENSING
 DALE MONTGOMERY HAMILTON

MARJORIE ANN NELSON, Highest
 Honors
 FRANK GERALD SHOUFER
 WILLIAM JOHN STEINOHRT

COLLEGE OF PHYSICAL EDUCATION

Degree of Bachelor of Science

In Physical Education

JOE FINLEY BELLEPHANT
 BILLY JOE BOLK
 THEODORE MARTIN CAIAZZA
 ANTHONY JOSEPH CANINO
 DOMINICK JOHN DILEO

ANDREW JOHN HAUPTMAN
 RICHARD JOSEPH NORDMEYER
 JOHN ERNEST SABALASKEY
 WILLIAM JAMES SANDVOS, JR.,
 High Honors

In Recreation

KENNETH ROSS RICKS, JR.
 MARTHA RUVEL

CAROLYN JEAN SNADER

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

Degree of Bachelor of Science

RONALD GEORGE ARNEY
 HENRY GEORGE BECKER, JR.
 PAUL FRANCIS CAHILL
 RICHARD DIETERICH

HARRY DALE DONOHO
 EARL FREDERICK EVANS, JR.
 CHARLES ALBERT FRANCOIS
 JOSEPH LAWRENCE GANNS, JR.

JOHN WILLIAM GRUPE
FRITHJOF JOHAN HANSON
ROBERT LEONARD HODGKINS
ROBERT LEE JOHNSON, Honors
THOMAS FREDERICK JOHNSON
BASIL GODFREY KANE
GENE OLIVER LADD

JOHN CHALFANT McNULTY
JAMES EDWARD MURNANE
EDWARD FRANCIS QUIGLEY
MARION MOORE ROBINSON
DAVID ROGER WRONE
BRUNO CHARLES ZUBRZYCKI

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.)

- ADDISON, ARCHIE W., Research Assistant in the Control Systems Laboratory (S), September 1, 1958-January 15, 1959, \$475 a month, supersedes (8-1-58).
- AMIOKA, SHIRO, Instructor in Education, $\frac{1}{2}$ time, academic year beginning September 1, 1958, \$2250 (7-28-58).
- ANDERSON, TRUMAN O., Research Associate in Medicine (Medicine), $\frac{1}{4}$ time, one year from September 1, 1958, \$1870, supersedes (8-14-58).
- ANDREWS, CHARLES B., Instructor in Orthopaedic Surgery and Staff Physician in the Respiratory Center (Medicine), five months from August 1, 1958, \$900 a month (9-9-58).
- ARMSTRONG, MRS. MARY B., Assistant in Speech, nine months from September 16, 1958, \$3600 (8-7-58).
- ARTHUR, MRS. MARIKA H., Research Assistant in Medicine (Medicine), one year from September 1, 1958, \$4400 (9-9-58).
- ASTON, KATHARINE O., Instructor in English (Division of English for Foreign Students), academic year beginning September 1, 1958, \$4500 (8-22-58).
- BALLOWE, JAMES C., Assistant in English, nine months from September 16, 1958, \$3900, supersedes (8-6-58).
- BALLUFFI, ROBERT W., Associate Professor of Physics (C), two months from June 16, 1958, \$888.89 a month; this is in addition to his present appointment (7-28-58).
- BARATZ, ROBERT A., Research Assistant in Radiology (Medicine), September 1, 1958-June 15, 1959, \$6000 a year (7-28-58).
- BARBATO, IRIS M., Research Associate in Physiology (Medicine), one year from September 1, 1958, \$6000, supersedes (9-9-58).
- BARGH, GEORGE H., Administrative Assistant in the President's Office and Director of the Citizens Committee, one year from September 1, 1958, \$8400, supersedes (7-29-58).
- BARKULIS, SAMUEL S., Research Associate in Psychiatry (Medicine), one year from September 1, 1958, \$8700 (7-29-58).
- BARNES, FRED P., Professor of Education, one year from September 1, 1958, \$10,010, and on indefinite tenure beginning September 1, 1959, \$9200 a year, to render service during each academic year, supersedes (8-22-58).
- BARR, THOMAS R. B., Instructor in Veterinary Pathology and Hygiene (College of Veterinary Medicine and Graduate College), $\frac{3}{4}$ time, one year from September 1, 1958, \$4350, supersedes (8-22-58).
- BARTRAM, HARLAN G. H., Visiting Lecturer in Education (University High School), nine months from September 16, 1958, \$4000 (7-15-58).
- BEISER, HELEN, Clinical Assistant Professor of Psychiatry (Medicine), $\frac{1}{4}$ time, one year from September 1, 1958, \$2500, supersedes (9-9-58).
- BERMAN, JULES, Instructor in Operative Dentistry (Dentistry), $\frac{1}{5}$ time, one year from September 1, 1958, \$1400, supersedes (9-9-58).
- BERNHARDT, BERNADINE A., Instructor in Home Economics (C), academic year beginning September 1, 1958, \$4400 (8-6-58).
- BHALERAO, VASANT R., Research Assistant in Food Technology (S), one year from September 1, 1958, \$5500, supersedes (8-5-58).
- BILLINGER, WILBERT, Registered Pharmacist in Hospital Pharmacy (Illinois Eye and Ear Infirmary) (Pharmacy), August 1, 1958-August 31, 1959, \$5600 a year (8-6-58).
- BITZER, DONALD L., Research Associate in the Control Systems Laboratory (S), one year from September 1, 1958, \$7500, supersedes (8-22-58).
- BLACK, CHARLES E., Clinical Instructor in Obstetrics and Gynecology (Medicine), July 1, 1958-August 31, 1959, without salary (7-28-58).

- BLAU, ZENA S., Instructor in the School of Nursing, academic year beginning September 1, 1958, \$5250 (9-9-58).
- BOGDONOFF, MAURICE L., Instructor in Radiology (Medicine), one year from September 1, 1958, without salary (7-28-58).
- BOLIN, RICHARD R., Instructor in Psychiatry (Medicine), $\frac{1}{2}$ time, August 1, 1958-August 31, 1959, \$5200 a year, supersedes (9-9-58).
- BONSIGNORE, PATRICK V., Research Associate in Chemistry, one year from September 1, 1958, \$6000 (8-20-58).
- BORNSTEIN, IRENE, Research Assistant in Biological Chemistry (Medicine), one year from September 1, 1958, \$5000, supersedes (8-25-58).
- BRADFORD, VIRGIL E., Research Assistant in Ceramic Engineering (S), September 1-September 15, 1958, \$433.33 a month (9-2-58).
- BRAUNFELD, PETER G., Research Associate in the Control Systems Laboratory (S), one year from September 1, 1958, \$8200, supersedes (8-7-58).
- BRENNAN, BETSY B., Assistant in Dermatology (Medicine), one year from July 1, 1958, without salary (7-17-58).
- BRIDGER, CLYDE A., Lecturer in Health Education (College of Physical Education), nine months from September 16, 1958, without salary (8-6-58).
- BROGHAMER, E. L., Professor of Mechanical Engineering, Summer Session of 1958, June 16-August 9, 1958, \$1867 for the period (7-21-58).
- BRUCKNER, W. H., Research Professor of Civil Engineering (C), July 16-July 31, 1958, \$469.45; this is in addition to his present appointment (7-28-58).
- BUCHAN, VIVIAN E., Assistant in English, first semester of the academic year 1958-59, September 16, 1958-January 31, 1959, \$1800 (8-6-58).
- BURG, MRS. SALLY, Serials Assistant in the Library, one year from September 1, 1958, \$5000 (8-6-58).
- BUTLER, MR. BEVERLY J., Assistant Professor of Agricultural Engineering (C and S), one year from September 1, 1958, \$7500 (9-10-58).
- CHANG, ISABEL L., Research Assistant in Bacteriology, July 1-August 15, 1958, \$400 a month (7-17-58); and August 16, 1958-January 31, 1959, \$2200 for the period (7-31-58).
- CHAPMAN, JOAN M., Instructor in Sociology, academic year beginning September 1, 1958, \$6000 (7-19-58).
- CHATTORAJ, MRS. RAJENDRA, Assistant in Veterinary Pathology and Hygiene (Veterinary Medicine) and in Veterinary Research (S), July 8, 1958-June 30, 1959, \$375 a month (8-9-58).
- CHEN, CHENG-LIN, Research Associate in Electrical Engineering (C), $\frac{3}{4}$ time, one year from September 1, 1958, \$4030 (7-31-58).
- CHERTACK, MELVIN M., Medical Consultant in the Health Services (Chicago Professional Colleges) and Clinical Assistant Professor of Medicine (Medicine), $\frac{35}{100}$ time, one year from September 1, 1958, \$3850, supersedes (9-9-58).
- CHOU, WEN-CHUNG, Visiting Research Associate in Music, nine months from September 16, 1958, \$5000 (7-31-58).
- CHOW, YUAN SHIH, Research Associate in the Digital Computer Laboratory, academic year beginning September 1, 1958, \$5000, supersedes (8-13-58).
- CONRAD, H. EDWARD, Research Associate in Chemistry, one year from July 1, 1958, \$6000 (7-28-58).
- COOPER, GLORIA S., Research Assistant in Medicine (Medicine), July 1, 1958-August 31, 1959, \$4400 a year (7-17-58).
- COPELAND, ALFRED, Assistant Professor of General Engineering (C), academic year beginning September 1, 1958, \$5800 (8-6-58).
- COURTER, JOHN W., Instructor in Horticulture (E), eight months from January 1, 1959, \$500 a month (8-25-58).
- CRADDOCK, JOHN R., Assistant in Agricultural Education (Education), one month from August 1, 1958, \$556 (7-28-58).
- CRAWFORD, ISABELLE M., Lecturer in Health Education (Physical Education), nine months from September 16, 1958, without salary (8-6-58).
- CROW, SAMUEL E., Extension Specialist (State of Illinois Public Safety, Fire Prevention), Division of University Extension, eleven months from October 1, 1958, \$7000 a year (8-26-58).
- DAKSHINAMURTI, K., Research Associate in Animal Science (S), eleven months from October 1, 1958, \$5454.60 a year (9-2-58).

- DANIELZADEH, ALBERT, Research Assistant in Biological Chemistry (Medicine), one year from September 1, 1958, \$4800 (8-25-58).
- DAVIS, BARBARA E., Music Library Assistant, September 18, 1958-August 31, 1959, \$4800 a year (8-22-58).
- DEBRULER, OLIVE C., Instructor in Library Science (Library and University Extension), academic year beginning September 1, 1958, \$6000 (8-22-58).
- DEMPSEY, CEDRIC, Assistant in Physical Education for Men, nine months from September 16, 1958, \$5000, supersedes (8-13-58).
- DICKENS, RUTH E., Assistant in Rural Recreation (E), one year from September 1, 1958, \$4800, supersedes (8-25-58).
- DI GIULIO, VINCENT S., Clinical Assistant in Obstetrics and Gynecology (Medicine), August 1, 1958-August 31, 1959, without salary (7-29-58).
- DOSICK, MARTIN L., Research Assistant in Sociology, September 16, 1958-August 31, 1959, \$4800 a year (7-17-58).
- DOUGAL, ARWIN A., Assistant Professor of Electrical Engineering (C), one year from September 1, 1958, \$9500, supersedes (9-10-58).
- DUNNING, ARTHUR S., JR., Visiting Lecturer in English, Summer Session of 1958, July 7-July 11, 1958, \$350 for the period (7-28-58).
- EARL, FRANCIS A., Assistant in Food Technology (S), one year from September 1, 1958, \$4400 (8-7-58).
- EARNEST, FLOYD J., Assistant in the Institute of Aviation, nine months from September 16, 1958, \$4275 (8-25-58).
- EBNER, DOROTHY C., Research Assistant in Home Economics (C and S), one year from September 1, 1958, \$4400 (8-1-58).
- EDWARDS, HAROLD M., Administrative Assistant in the Vice-President and Comptroller's Office, full time for one month from September 1, 1958, \$1166.67, and on ½ time for eleven months from October 1, 1958, \$7000 a year (8-15-58).
- EHRMAN, JOHN R., Research Assistant in the Digital Computer Laboratory, in the Graduate College on ½ time and in the Summer Session of 1958 on ½ time, June 16-August 9, 1958, \$800 for the period, supersedes (7-28-58).
- EICHHOLZ, ALEXANDER, Research Assistant in Biological Chemistry (Medicine), one year from September 1, 1958, \$4400 (9-9-58).
- EISEN, NATHANIEL H., Assistant Professor of Psychology, ¼ time, academic year beginning September 1, 1958, \$1800 (8-6-58).
- ENGELMANN, REID O., Clinical Assistant Professor of Surgery (Medicine) and Clinical Assistant Professor of Oral and Maxillofacial Surgery (Dentistry), one year from September 1, 1958, without salary (8-14-58).
- EPSTEIN, SHIRLEY A., Assistant in Occupational Therapy (Medicine), one year from September 1, 1958, \$4700 (9-9-58).
- ESTEP, MARIAN T., Veterinary Medicine Librarian, with rank of Assistant Professor, one year from September 1, 1958, \$6850, supersedes (7-28-58).
- FAN, CHIEN, Assistant in Mechanical Engineering (C), June 16-August 31, 1958, \$400 a month, supersedes (7-29-58).
- FIORICA, VINCENT, Research Associate in Physiology, September 16, 1958-August 31, 1959, \$450 a month (9-6-58).
- FLANAGAN, HUGH J., Instructor in Crowns and Fixed Partial Dentures (Dentistry), ½ time, one year from September 1, 1958, \$3125 (9-9-58).
- FLORIO, AURELIO E., Professor of Safety Education (Physical Education), indefinite tenure beginning September 1, 1958, to render service during each academic year, \$10,300 a year, supersedes (8-6-58).
- FRASER, DOROTHY K., Research Associate in Bacteriology, one year from September 1, 1958, \$7200, supersedes (8-20-58).
- FREEDMAN, PHILIP, Research Assistant in Medicine (Medicine), one year from September 1, 1958, \$4500 (8-5-58).
- FULLER, HARRY J., Professor of Botany, indefinite tenure, September 1, 1958, annual salary of \$11,600, for services rendered during each academic year, supersedes (8-12-58).
- GALINSKY, ALVIN M., Instructor in Chemistry (Pharmacy), ½ time, academic year beginning September 1, 1958, \$2400 (7-28-58).
- GALLILY, RUTH, Research Associate in Chemistry, one month from October 1, 1958, \$458.34 (7-28-58).
- GAULT, IRVING, Instructor in Full and Removable Partial Dentures (Dentistry), one year from September 1, 1958, without salary (8-6-58).

- GLAYSHER, GORDON A., Instructor in Operative Dentistry (Dentistry), $\frac{2}{3}$ time, one year from September 1, 1958, \$2600 (9-9-58).
- GOLDBERG, MOSHE G., Clinical Instructor in Pathology (Medicine), one year from September 1, 1958, without salary (9-9-58).
- GOURISHANKAR, VEMBU, Instructor in Electrical Engineering (C), $\frac{2}{3}$ time, academic year beginning September 1, 1958, \$3500, supersedes (8-6-58).
- GREENEISEN, JON F., Assistant Extension Editor, with rank of Instructor (E), August 1, 1958-August 31, 1959, \$5800 a year (8-15-58).
- GROVE, PEARCE S., Education, Philosophy, and Psychology Library Assistant, with rank of Instructor, one year from September 1, 1958, \$5370 (8-14-58).
- GUNTHER, RICHARD I., Instructor in Crowns and Fixed Partial Dentures (Dentistry), $\frac{3}{4}$ time, one year from September 1, 1958, \$4500, supersedes (7-29-58).
- HABER, ROBERT M., Instructor in Mathematics, academic year beginning September 1, 1958, \$6000 (8-22-58).
- HALE, WILLIAM T., Assistant in Education (University High School), nine months from September 16, 1958, \$5500 (8-27-58).
- HARADA, MASARO, Instructor in Applied Materia Medica and Therapeutics (Dentistry), $\frac{2}{3}$ time, one year from September 1, 1958, \$2400 (8-12-58).
- HARDEN, LURA A., Instructor in Home Economics (C), academic year beginning September 1, 1958, \$4900 (8-5-58).
- HARROD, JOHN P., JR., Clinical Assistant Professor of Obstetrics and Gynecology (Medicine), one year from September 1, 1958, without salary (8-14-58).
- HARTLEY, ARNOLD M., Research Assistant Professor of Chemistry, one month from July 9, 1958, \$666.67; this is in addition to his present appointment (7-28-58).
- HARTMANN, LEAH N., Resident Assistant in Allen Hall, ten months from August 18, 1958, \$1600; for the convenience of the University she will also be furnished room and board valued at \$31 a month while on duty (7-28-58).
- HASHIMOTO, TATSUICHIRO, Research Associate in the Institute for Tuberculosis Research, eleven months from October 1, 1958, \$7500 a year (9-2-58).
- HAZELKORN, HERBERT N., Instructor in the Admitting Clinic (Dentistry), $\frac{2}{3}$ time, one year from September 1, 1958, \$2600, supersedes (7-29-58).
- HELMS, MRS. RUTH W., Assistant in Medical Social Work (Medicine), one year from September 1, 1958, \$5100 (8-5-58).
- HENKEL, DAVID J., Instructor in Civil Engineering (C), September 1, 1958-February 28, 1959, \$2700 (9-2-58).
- HENRY, JOHN P., Assistant in Medicine (Medicine), one year from July 1, 1958, without salary (9-11-58).
- HEPLER, ROGER W., Research Associate in Horticulture (S), one year from September 1, 1958, \$5400 (8-25-58).
- HESSLMANN, PAUL R., Assistant Health Physicist, one year from September 1, 1958, \$6200 (9-2-58).
- HILSCH, RUDOLF, George A. Miller Visiting Lecturer in Physics, September 10, 1958-November 9, 1958, \$4000 for the period (8-4-58).
- HOFFMAN, JARRETT D., Research Assistant in Agricultural Entomology (Agricultural Experiment Station and Illinois Natural History Survey), $\frac{1}{2}$ time for nine months from September 1, 1958, \$185 a month, and full time for three months from June 1, 1959, \$370 a month (8-7-58).
- HOLDEN, MRS. MARGARET G., Consultant in the School of Social Work, with rank of Associate Professor, one year from September 1, 1958, \$8550 (9-2-58).
- HOLSHOUSER, DON F., Research Assistant Professor of Electrical Engineering (S), one year from September 1, 1958, \$8500, supersedes (8-14-58).
- HOOVER, CHARLES R., Research Associate in Dairy Science (S), one year from September 1, 1958, \$6250 (9-2-58).
- HOPKINS, JERRY D., Assistant in English (Division of English for Foreign Students), nine months from September 16, 1958, \$3900 (8-22-58).
- HOUGH, HOWARD E., JR., Lecturer in Health Education (Physical Education), nine months from September 16, 1958, without salary (8-6-58).
- HOUSE, HELEN M., Assistant in Home Economics (C), nine months from September 16, 1958, \$4400 (8-1-58).
- HOWARD, FRANCIS M., Clinical Instructor in Orthopaedic Surgery (Medicine), August 1, 1958-August 31, 1959, without salary (7-29-58).
- HOWELL, RONALD H., Assistant in Mechanical Engineering, Summer Session of 1958, June 16-August 9, 1958, \$800 for the period (7-21-58).

- HUBBARD, MRS. MARY O., Instructor in Home Economics (C), academic year beginning September 1, 1958, \$4700 (8-1-58).
- HUFFMAN, WARREN J., Assistant Professor of Physical Education, Division of University Extension, on $\frac{1}{2}$ time, and Counselor on the University Council on Teacher Education, on $\frac{1}{2}$ time, academic year beginning September 1, 1958, \$7700, supersedes (8-7-58).
- HUSEK, THEODORE R., Research Associate in the Institute of Communications Research, one year from September 1, 1958, \$7000, supersedes (8-25-58).
- IRELAND, HERBERT O., Associate Professor of Civil Engineering (C), June 16-August 31, 1958, \$888.89 a month, supersedes his additional appointment (7-28-58).
- IRVINE, DAVID E. G., Research Associate in Botany, one year from September 1, 1958, \$5370 (8-5-58).
- IRVINE, PETER M., Instructor in Crowns and Fixed Partial Dentures (Dentistry), $\frac{1}{2}$ time, one year from September 1, 1958, \$3000 (8-5-58).
- ISAACS, HART, JR., Research Associate in Biological Chemistry (Medicine), 89/100 time, one year from September 1, 1958, \$4800 (9-9-58).
- JACOBS, LESTER, Instructor in the Admitting Clinic (Dentistry), $\frac{3}{5}$ time, one year from September 1, 1958, \$3000, supersedes (8-25-58).
- JACOBSON, MARVIN, Research Associate in Applied Materia Medica and Therapeutics (Dentistry), one year from September 1, 1958, without salary (8-12-58).
- JAMNIK, DARKO, Research Associate in Physics (C), one month from August 1, 1958, \$500 (7-19-58).
- JORDAN, DAVID M., Consulting Psychiatrist, with rank of Associate Professor, Department of Psychology (College of Liberal Arts and Sciences and Graduate College), $\frac{1}{4}$ time, academic year beginning September 1, 1958, \$4400 (8-1-58).
- KABLER, MILTON N., Research Associate in Mining and Metallurgical Engineering (C), May 21-August 31, 1959, \$541.67 a month (8-27-58).
- KIBLER, VICTOR A., Lecturer in Architecture, beginning September 16, 1958-January 31, 1959, \$2700 (8-14-58).
- KIRK, EDYTHE J., Cataloger in the Library, with rank of Instructor, October 15, 1958-August 31, 1959, \$5800 a year (9-2-58).
- KLEIN, KURT, Instructor in Russian, $\frac{3}{4}$ time, academic year beginning September 1, 1958, \$3600 (8-5-58).
- KLUGER, MRS. SONDRRA R., Research Assistant in Medicine (Medicine), one year from September 1, 1958, \$4500 (8-18-58).
- KNOWLES, ROBERT C., Professor of Naval Science and Head of the Department, indefinite tenure beginning September 1, 1958, without salary (8-6-58).
- KOEHLERT, CHARLES I., Instructor in General Engineering (C), academic year beginning September 1, 1958, \$5600 (8-1-58).
- KOIK, JUTA V., Physician in the Health Service (Chicago Professional Colleges), 65/100 time, \$7000, and Instructor in Medicine (Medicine), without salary, one year from September 1, 1958 (8-14-58).
- KOWALSKI, THEODORE L., Instructor in Radio-Television, and Producer in the Television Station (Journalism and Communications), one year from September 1, 1958, \$5400 (8-22-58).
- KOZLOV, MARVIN, Instructor in Pedodontics (Dentistry), $\frac{3}{5}$ time, one year from September 1, 1958, \$3600, supersedes (8-6-58).
- KUZMANIC, MRS. BETTY W., Instructor in Mathematics (Chicago Undergraduate Division), $\frac{1}{2}$ time, academic year beginning September 1, 1958, \$2300, supersedes (9-9-58).
- KYLEN, ANNE M., Research Associate in Home Economics (S), one year from September 1, 1958, \$5370 (8-1-58).
- LAKRITZ, AMRUM, Instructor in Ophthalmology (Medicine), $\frac{3}{4}$ time, one year from September 1, 1958, \$5200 (8-4-58).
- LANGDON, MRS. MARJORIE M., Assistant (Intern) in the Student Counseling Service, one year from September 1, 1958, \$4400 (8-22-58).
- LARSON, VIVIAN P., Assistant in Home Economics (C), nine months from September 16, 1958, \$3800; for the convenience of the University she will also receive one meal a day while on duty, supersedes (8-1-58).

- LASKIN, DANIEL M., Associate Professor of Oral and Maxillofacial Surgery on 45/100 time, and Associate Professor of Oral Surgery on 15/100 time (Dentistry), \$6600 a year, and Clinical Associate Professor of Surgery (Medicine), without salary, indefinite tenure beginning September 1, 1958, supersedes (8-14-58).
- LECHOWICH, RICHARD V., Assistant in Food Technology (S), one year from September 1, 1958, \$4400 (8-7-58).
- LEIB, KARL E., Visiting Professor of Management, nine months from September 1, 1958, \$9000 (7-28-58).
- LENNOX, EDWIN S., Research Assistant Professor of Chemistry, two months from June 16, 1958, \$944.50 a month; this is in addition to his present appointment (7-28-58).
- LETKO, ALEXANDER N., Instructor in Ophthalmology (Medicine), 85/100 time, one year from July 1, 1958, \$4800, supersedes (9-10-58).
- LEVINGS, CHARLES S., III, Assistant in Agronomy (S), one year from September 1, 1958, \$4700, supersedes (8-7-58).
- LEWIS, WALTER H., Assistant Professor of Architecture, academic year beginning September 1, 1958, \$6700, supersedes (8-12-58).
- LINDSAY, SHEILA I., Assistant in Education (University High School), nine months from September 16, 1958, \$4700 (8-5-58).
- LINGARD, DONALD R., Instructor in Veterinary Pathology and Hygiene (Veterinary Medicine), one year from September 1, 1958, \$6000, supersedes (8-25-58).
- LODGE, JAMES R., Research Associate in Dairy Science, College of Agriculture on $\frac{1}{2}$ time, and Agricultural Experiment Station on $\frac{1}{2}$ time, one year from September 1, 1958, \$6000 (8-5-58).
- LONGABAUGH, THOMAS B., Assistant in Medicine (Medicine), one year from July 1, 1958, without salary (8-18-58).
- LONGONE, DANIEL T., Research Associate in Chemistry, one year from September 1, 1958, \$5400 (8-20-58).
- LOWE, JOHN A., Research Assistant in Agricultural Entomology (Agricultural Experiment Station and Illinois Natural History Survey), $\frac{1}{2}$ time for nine months from September 1, 1958, \$185 a month, and on full time for three months from June 1, 1959, \$370 a month (8-5-58).
- LUMLEY, JEANNETTE, Instructor in Mathematics (Chicago Undergraduate Division), academic year beginning September 1, 1958, \$4400, supersedes (9-9-58).
- LYON, RICHARD O., Assistant Professor of Agricultural 4-H Club Work (E), two months from July 1, 1958, \$616.67 a month, supersedes; Assistant Professor of Agricultural Extension (E), one year from September 1, 1958, \$7750, supersedes (8-15-58).
- MADENBERG, FRED, Assistant Professor of Hygiene, Health Service (Chicago Undergraduate Division), $\frac{1}{4}$ time, academic year beginning September 1, 1958, \$1500, supersedes (8-25-58).
- MAGNON, LUCILLE M., Instructor in Speech, academic year beginning September 1, 1958, \$4500 (8-7-58).
- MAHAFFEY, MRS. ANNA K., Assistant in Business Education, nine months from September 16, 1958, \$4150 (9-6-58).
- MAMEESH, M. SAFWAT, Research Associate in Animal Nutrition (Animal Science) (S), July 1, 1958-August 31, 1959, \$5500 a year, supersedes (7-28-58).
- MANNING, MARY K., Research Assistant in the State Water Survey, September 10, 1958-June 30, 1959, \$4400 a year (8-18-58).
- MAROTTA, SABATH F., Research Associate in the Aeromedical and Physical Environment Laboratory, September 8, 1958-August 31, 1959, \$7000 a year (7-28-58).
- MARTIN, BRUCE D., Assistant in Physics (Chemistry) (Pharmacy), nine months from September 16, 1958, \$3600 (7-28-58).
- MAZUR, BOLESŁAW, Instructor in Crowns and Fixed Partial Dentures (Dentistry), one year from September 1, 1958, \$6500, supersedes (7-29-58).
- MCCLAINE, ROY C., Research Assistant in Medicine (Medicine), one year from September 1, 1958, \$4900, supersedes (9-9-58).
- MCDONALD, JAMES H., Assistant Professor of Urology (Surgery) (Medicine), 95/100 time, one year from September 1, 1958, \$11,000 (8-25-58).

- MC ELROY, DONALD L., Assistant Professor of Clinical Dentistry in the Admitting Clinic (Dentistry), $\frac{1}{2}$ time, one year from September 1, 1958, \$3520, supersedes (8-6-58).
- MEYER, JOHN H., Instructor in Foreign Languages (Chicago Undergraduate Division), academic year beginning September 1, 1958, \$5200, supersedes (8-5-58).
- MIKOUCHI, TAKEMARU, Research Assistant in Preventive Medicine (Respiratory Center) (Medicine), four months from September 1, 1958, \$385 a month, supersedes (9-9-58).
- MILLBROOK, MAY I., Associate Professor of Hygiene and Medical Adviser in the Health Services, indefinite tenure beginning September 1, 1958, \$9800 a year, supersedes (8-14-58).
- MILLER, ARTHUR R., Assistant in Radiology (Medicine), two months from July 1, 1958, without salary (7-29-58).
- MILLS, QUEENIE B. B., Assistant Professor of Child Development (Home Economics), one year from September 1, 1958, to render service during the academic year, \$6700, and Acting Head of Child Development and Family Relations, five months from September 1, 1958, \$500, supersedes (8-6-58).
- MITCHELL, GRAHAM S., Assistant in English (Division of English for Foreign Students), nine months from September 16, 1958, \$4000 (8-22-58).
- MORGAN, JAMES J., Instructor in Civil Engineering (C), academic year beginning September 1, 1958, \$6000, supersedes (8-22-58).
- MORINAGA, KEN-ICHI, Research Assistant in Chemistry, August 16, 1958-August 31, 1959, \$5000 a year, supersedes (7-31-58).
- MOROKOFF, GENE E., Assistant Editor, with rank of Assistant (S), $\frac{1}{2}$ time, ten months from November 1, 1958, \$2000 (8-12-58).
- MOWRER, MRS. WILLIE M., Assistant Professor of Home Economics (C), academic year beginning September 1, 1958, \$5900 (8-14-58).
- MURPHY, ROBERT H., Clinical Associate in Ophthalmology (Medicine), July 1, 1958-August 31, 1959, without salary (7-28-58).
- NAGHIZADEH, JAMSHID N., Research Assistant in Medicine (Medicine), one year from September 1, 1958, \$5000 (8-18-58).
- NAKAMICHI, MASUMI, Instructor in Chemistry (Pharmacy), $\frac{1}{2}$ time, academic year beginning September 1, 1958, \$2400 (7-28-58).
- NARDINI, WILLIAM, Research Associate in Sociology, one year from September 1, 1958, \$6250 (8-20-58).
- NOLTE, WILLIAM H., Assistant in English, nine months from September 16, 1958, \$4200, supersedes (8-6-58).
- NOON, ZENAS B., Research Assistant in Agricultural Entomology (Agricultural Experiment Station and Illinois Natural History Survey), $\frac{1}{2}$ time, nine months from September 1, 1958, \$185 a month, and full time for three months from June 1, 1959, \$370 a month (8-5-58).
- NORSEN, JEANNETTE, Research Assistant in Medicine (Medicine), July 1, 1958-August 31, 1959, \$5200 a year, supersedes (7-17-58).
- OHMURA, TAKAO, Research Associate in Agronomy, Graduate College on 65/100 time, and Agricultural Experiment Station on 35/100 time, eleven months from August 1, 1958, \$5400 a year, supersedes (8-15-58).
- OLSON, ROY E., Instructor in Civil Engineering (C and S), $\frac{3}{4}$ time, academic year beginning September 1, 1958, \$3750, supersedes (9-2-58).
- PAGE, DAVID, Assistant Professor of Education (University High School), $\frac{7}{10}$ time, academic year beginning September 1, 1958, \$5790, supersedes (8-27-58).
- PAPPAS, APHRODITE, Instructor in Pedodontics (Dentistry), $\frac{1}{2}$ time, one year from September 1, 1958, \$1200 (8-14-58).
- PARTHASARATHY, GRACE M., Research Assistant in Pathology (Medicine), ten months from September 1, 1958, without salary (8-25-58).
- PECK, RALPH B., Professor of Civil Engineering (C), one month from July 1, 1958, \$1444.44; this is in addition to his present appointment (7-28-58).
- PETERS, HARRY E., Research Assistant in the Control Systems Laboratory (S), one month from August 1, 1958, \$600, supersedes (8-18-58).
- PETERSON, BEVERLY J., Commerce and Sociology Library Assistant, with rank of Instructor, one year from September 1, 1958, \$5370 (8-6-58).
- PHIPPS, WILMA, Assistant Professor of Nursing, one year from September 1, 1958, \$7330, supersedes (8-14-58).

- PLISKE, LEONA K., Assistant in Medical Social Work (Medicine), one year from September 1, 1958, \$5200, supersedes (8-9-58).
- PORTER, LOUISE J., Research Assistant in Chemistry, one year from June 16, 1958, \$4400 (8-4-58).
- POWELL, CAROLYN, Instructor in Music, academic year beginning September 1, 1958, \$6000 (8-15-58).
- POWNALL, GEORGE, Research Assistant in Sociology, August 16, 1958-August 31, 1959, \$4800 a year (7-28-58).
- PYLE, R. W., Visiting Lecturer in Music, Summer Session of 1958, June 29-July 19, 1958, \$180 for the period; for the convenience of the University he will also receive room and board for the period (7-28-58).
- RAE, DOROTHY F., Assistant to the Dean of Women, $\frac{1}{2}$ time, nine months from September 1, 1958, \$2600 (8-26-58).
- RAO, TARA, Assistant in Animal Science (S), two months from July 1, 1958, \$366.66 a month, supersedes (8-1-58).
- RAUB, LUCILLE J., Assistant Serials and Acquisitions Librarian, and Instructor in Library Science (Chicago Undergraduate Division), one year from September 1, 1958, \$5370 (9-10-58).
- RAVEN, DONALD J., Acquisition Assistant in the Library, September 15, 1958-August 31, 1959, \$4800 a year (9-2-58).
- RAYSON, GLENDON E., Assistant Professor of Hygiene and Medical Adviser for Men (Chicago Undergraduate Division), $\frac{1}{2}$ time, one year from September 1, 1958, \$4800 (8-12-58).
- READ, HELEN J., Instructor in Medical Social Work (Medicine), September 15, 1958-August 31, 1959, \$475 a month (9-9-58).
- REICH, CLAUDE V., Instructor in Microbiology (Medicine), one year from September 1, 1958, \$6500 (8-25-58).
- REFLOGLE, JOHN A., Instructor in Agricultural Engineering (S), two months from July 1, 1958, \$500 a month (8-7-58); and for one year from September 1, 1958, \$6000 (9-10-58).
- REYES, PRISCILA, Assistant in Pediatrics (Medicine), nine months from September 1, 1958, \$4800 a year (7-17-58).
- RICHEY, ROBERT D., Assistant in Education (University High School), nine months from September 16, 1958, \$4700 (8-5-58).
- RINGER, ALEXANDER L., Visiting Lecturer in Music, nine months from September 16, 1958, \$9000 (7-28-58).
- ROSEMAN, NORMAN, Research Assistant, $\frac{1}{2}$ time in School-University Articulation (Admissions and Records), and $\frac{1}{2}$ time in Education Articulation (Education), one year from September 1, 1958, \$5000 (7-28-58).
- ROSENBERG, ALLEN, Instructor in Full and Removable Partial Dentures (Dentistry), $\frac{3}{10}$ time, one year from September 1, 1958, \$1950, supersedes (7-28-58).
- ROSENBERG, HENRY M., Assistant Professor of Applied Materia Medica and Therapeutics (Dentistry), $\frac{1}{2}$ time, one year from September 1, 1958, \$3750 (8-9-58).
- ROSENBERG, RONALD, Assistant in Anesthesiology (Surgery) (Medicine), one year from July 1, 1958, without salary (7-29-58).
- ROSMAN, RICHARD R., Research Associate in Psychiatry (Medicine), one year from September 1, 1958, \$6500 (9-2-58).
- ROSTAS, FRANCOIS M., Research Assistant in Electrical Engineering (C), nine months from September 16, 1958, \$3800 (8-6-58).
- ROSTENBERG, ADOLPH, JR., Professor of Dermatology (Medicine), indefinite tenure beginning September 1, 1958, \$13,270 a year, and Acting Head of the Department of Dermatology (Medicine), one year from September 1, 1958, or to such earlier date as a permanent Head of the Department is appointed, at an additional salary of \$800, supersedes (7-29-58).
- RUBENIS, MARY E., Research Assistant in Medicine (Medicine), one year from September 1, 1958, \$5200 a year (6-19-58).
- RUDNICK, ROLAND, Instructor in Crowns and Fixed Partial Dentures (Dentistry), $\frac{3}{4}$ time, one year from September 1, 1958, \$4500 (8-9-58).
- RYAN, ROBERT J., Instructor in Medicine (Medicine), one year from September 1, 1958, \$8300 (8-14-58).

- SANFORD, EDWARD T., Coordinator of Veterans Educational Benefits (Admissions and Records), one year from September 1, 1958, \$7800, supersedes (9-10-58).
- SARGENT, HUGH W., Assistant Professor of Advertising (Journalism and Communications), academic year beginning September 1, 1958, \$6900, supersedes (7-29-58).
- SCHIMMEL, ROWENA K., Resident Assistant in Allen Hall, ten months from August 18, 1958, \$1600; for the convenience of the University, she will also be furnished board and room valued at \$31 a month, while on duty (9-10-58).
- SCHMIDT, JOHN E., Instructor in Veterinary Anatomy and Histology (Veterinary Medicine) and in Veterinary Research (S), $\frac{3}{4}$ time, one year from September 1, 1958, \$4350 (8-1-58).
- SCHWARZACHER, HANS G., Research Associate in Pharmacology (Medicine), August 15, 1958-February 15, 1959, \$500 a month (9-9-58).
- SEKIGUCHI, TADASHI, Research Assistant Professor of Electrical Engineering (C), one year from September 1, 1958, \$7200, supersedes (8-6-58).
- SHERIF, FAWZY, Research Assistant in Chemistry, four months from September 1, 1958, \$425 a month (8-6-58).
- SIEMENS, JOHN C., Instructor in Agricultural Engineering (S), June 16-August 31, 1958, \$500 a month, supersedes (8-7-58); and on $\frac{3}{4}$ time, one year from September 1, 1958, \$4500 (9-10-58).
- SIMIOS, NICHOLAS L., Instructor in Histology (Dentistry), $\frac{1}{2}$ time, one year from September 1, 1958, \$3250 (7-31-58).
- SKINNER, EDGAR R., Research Associate in Animal Nutrition (S), eleven months from October 1, 1958, \$5454 a year (8-7-58).
- SMALL, ERWIN, Instructor in Veterinary Clinical Medicine (Veterinary Medicine), October 6, 1958-August 31, 1959, \$6000 a year (9-10-58).
- SMITH, ROBERT, Research Assistant in Biological Chemistry (Medicine), one year from September 1, 1958, \$4700 (8-25-58).
- STEIMLEY, LEONARD L., Associate Professor of Mathematics, $\frac{71}{100}$ time, academic year beginning September 1, 1958, \$5000 (7-28-58).
- STENSTROM, RALPH H., Library Assistant, one year from September 1, 1958, \$4800 (8-25-58).
- STEPHENS, RALPH I., Assistant in General Engineering (C), nine months from September 16, 1958, \$4500 (8-25-58).
- STEPLETON, PAULINE, Instructor in Psychiatry (Medicine), one year from July 1, 1958, without salary (8-1-58).
- STEWART, WILSON N., Professor of Botany, $\frac{81}{100}$ time, indefinite tenure beginning September 1, 1958, to render service during each academic year, \$7700 a year, and Counselor on the University Council on Teacher Education, $\frac{19}{100}$ time, academic year beginning September 1, 1958, \$1800, total salary \$9500 a year, supersedes (7-29-58).
- STEYERT, WILLIAM A., JR., Research Associate in Physics (C), eleven months from October 1, 1958, \$6000 a year (8-5-58).
- STUWE, HEIN P., Research Associate in Mining and Metallurgical Engineering (C), one month from September 1, 1958, \$500 (7-31-58).
- SUZUKI, JIRO, Research Associate in Anthropology, five months from September 1, 1958, \$5370 a year (8-18-58).
- TAKEDA, SUSUMU, Visiting Research Assistant Professor of Electrical Engineering (S), one year from September 1, 1958, \$6850, supersedes (8-14-58).
- TICHO, KARL E., Clinical Associate in Ophthalmology (Medicine), July 1, 1958-August 31, 1959, without salary (7-28-58).
- TIFFANY, THEODORE L., Coordinator of College Days Program (Admissions and Records), $\frac{1}{2}$ time, August 1, 1958-August 31, 1959, \$2500 a year (7-29-58).
- TISCHER, RAGNAR P., Research Associate in Chemistry, one year from September 1, 1958, \$6000, supersedes (7-31-58).
- TITUS, THOMAS R., Assistant in the Institute of Aviation, nine months from September 16, 1958, \$4050 (9-2-58).
- TRIWEDI, MITCHELL D., Instructor in Spanish, academic year beginning September 1, 1958, \$4800 (7-29-58).
- TRUMP, J. LLOYD, Professor of Education on indefinite tenure, and Head of Teacher Placement on the University Council on Teacher Education, $\frac{17}{100}$ time, one year from September 1, 1958, \$2000 (9-3-58).
- TUCKER, ROSS N., Research Associate in Mining and Metallurgical Engineering (C), January 12, 1959-August 31, 1959, \$6500 a year (7-31-58).

- VAN DER BORDEN, ABRAHAM, Assistant in Medicine (Medicine), one year from July 1, 1958, without salary (8-18-58).
- VAUGHAN, HERBERT E., Associate Professor of Mathematics (College of Liberal Arts and Sciences and Graduate College), academic year beginning September 1, 1958, \$9500, supersedes (9-6-58).
- WALL, JOHN A., Assistant in the Institute of Aviation, nine months from September 16, 1958, \$4275 (8-25-58).
- WASSERMAN, EDWARD, Instructor in Psychiatry (Medicine), $\frac{1}{2}$ time, one year from September 1, 1958, \$5000 (9-9-58).
- WATTS, JAMES B., Bibliographer in the Library, with rank of Instructor, one year from September 1, 1958, \$5370, supersedes (8-25-58).
- WEISS, MARVIN, Assistant Professor of Operative Dentistry (Dentistry), one year from September 1, 1958, \$9000 (8-9-58).
- WESTON, PATRICIA G., Research Assistant in Chemistry, two months from June 16, 1958, \$400 a month (7-28-58).
- WHITE, CARLOS A., Research Assistant in Agricultural Entomology (Graduate College and Illinois Natural History Survey), $\frac{1}{2}$ time, nine months from September 1, 1958, \$2220 a year; and on full time for three months from June 1, 1959, \$4440 a year (8-12-58).
- WHITE, ROBERT A., Assistant in Mechanical Engineering, Summer Session of 1958, June 16-August 9, 1958, \$800 for the period (7-22-58).
- WITTENBORN, EUGENE L., JR., Lecturer in Health Education (Physical Education), nine months from September 16, 1958, without salary (8-6-58).
- WONG, RUTH, Assistant Professor of Pathology (Medicine), seven months from September 1, 1958, \$1000 a month (9-9-58).
- WORLEY, WILL J., Associate Professor of Theoretical and Applied Mechanics (C), one month from July 16, 1958, \$777.77; this is in addition to his present appointment (7-28-58).
- WORTH, WALTER H., Instructor in Education, academic year beginning September 1, 1958, \$5000, supersedes (8-22-58).
- YARBOROUGH, KEITH A., Instructor in Civil Engineering (C), $\frac{1}{2}$ time, academic year beginning September 1, 1958, \$2750, supersedes (8-22-58).
- YEH, KING C., Research Associate in Electrical Engineering (C), one year from September 1, 1958, \$7800 (9-10-58).
- YOUNG, MRS. ALINE O., Instructor in the School of Nursing, one year from September 1, 1958, \$5370 (9-9-58).
- ZABORETZKY, FRANK T., Apprentice Pharmacist in Manufacturing Pharmacy (Pharmacy), one year from July 1, 1958, \$4800 (7-17-58).

GRADUATE FELLOWS

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

- AGGARWAL, ARJUN P., Fellow in Law, September 16, 1958-January 31, 1959, \$750 (8-28-58).
- AUBUCHON, MAX J., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, two months from June 16, 1958, \$400 (7-21-58).
- BARNES, ROBERT W., United States Public Health Service Fellow (Trainee) in Social Work, nine months from September 16, 1958, \$1800 (9-4-58).
- BAULD, NATHAN L., Sun Oil Company Fellow in Chemistry, nine months from September 16, 1958, \$1800 (8-12-58).
- BEULIGMANN, RAYMOND F., Motorola Corporation Paul V. Galvin Fellow in Electrical Engineering, nine months from September 16, 1958, \$2000 (8-5-58).
- BRODIE, CHARLES M., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1958, \$2800 (9-3-58).
- CHONG, ELAINE, United States Public Health Service Fellow (Trainee) in the Chicago Professional Colleges, three months from July 1, 1958, \$200 a month, and for nine months from October 1, 1958, \$233.33 a month (7-22-58).
- DABICH, DANICA, Parke-Davis Fellow in Chemistry, June 16-August 15, 1958, \$390 (7-21-58).
- DIAMOND, PETER T., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, two months from June 16, 1958, \$400 (7-21-58).

- DILWORTH, JAMES F., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1958, \$3900, supersedes (8-12-58).
- DOPUCH, NICHOLAS, Ford Foundation Fellow in Accountancy, nine months from September 16, 1958, \$2450 (9-9-58).
- ELLIOTT, ROGERS, United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1958, \$2400 (9-3-58).
- ENDERBY, CHARLES E., Bendix Aviation Corporation Fellow in Electrical Engineering, nine months from September 16, 1958, \$2000; this appointment is in addition to his 1/2 time Instructorship in Electrical Engineering (7-25-58).
- ENGEL, JAMES F., Ford Foundation Fellow in Business, nine months from September 16, 1958, \$3850 (9-9-58).
- ENRIETTO, JOSEPH F., Inland Steel-Ryerson Foundation Fellow in Mining and Metallurgical Engineering, nine months from September 16, 1958, \$2400 (7-21-58).
- EVANS, EDDIE L., United States Public Health Service Fellow (Trainee) in Social Work, nine months from September 16, 1958, \$2000 (9-4-58).
- FEARY, MARY-JANE C., United States Public Health Service Fellow (Trainee) in Social Work, nine months from September 16, 1958, \$1800 (9-4-58).
- FEICHT, EMIL D., JR., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, two months from June 16, 1958, \$400 (7-21-58).
- FREEDMAN, MARVIN, United States Public Health Service Fellow (Trainee) in the Chicago Professional Colleges, one year from July 1, 1958, \$2400 (7-25-58).
- FUHRER, MARCUS J., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1958, \$2000 (9-3-58).
- GAGNON, PATRICIA A., United States Public Health Service Fellow (Trainee) in Social Work, nine months from September 16, 1958, \$1800 (9-4-58).
- GITTER, ALMUT, Wright Fellow in Agronomy, February 1-June 15, 1959, \$750, supersedes (8-22-58).
- HADDOX, BLANCHE E., United States Public Health Service Fellow (Trainee) in Social Work, nine months from September 16, 1958, \$2000 (9-4-58).
- HAERTLE, ROBERT J., Lois Wells Irwin Fellow in Library Science, nine months from September 16, 1958, \$500 (7-29-58).
- HANGREN, RICHARD F., United States Public Health Service Fellow (Trainee) in Social Work, nine months from September 16, 1958, \$2000 (9-4-58).
- HARDMAN, DALE G., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, two months from June 16, 1958, \$700 (7-21-58).
- HAUSLER, FRANCES M., United States Public Health Service Fellow (Trainee) in Social Work, nine months from September 16, 1958, \$2000 (9-4-58).
- HIEBERT, VERN D., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1958, \$3900, supersedes (9-10-58).
- HIRSCH, JAY, United States Public Health Service Fellow (Trainee) in the Chicago Professional Colleges, one year from July 1, 1958, \$233.33 a month (7-22-58).
- HOMAN, VIRGINIA L., United States Public Health Service Fellow (Trainee) in Social Work, nine months from September 16, 1958, \$1800 (9-4-58).
- JOHNSON, ELWIN L., Owens-Corning Fiberglas Corporation Fellow in Ceramic Engineering, nine months from September 16, 1958, \$1440 (8-29-58).
- JOHNSON, HAROLD J., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1958, \$2000 (9-3-58).
- KAUFMAN, LEE N., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1958, \$1800 (9-3-58).
- LAWLESS, JEAN C., United States Public Health Service Fellow (Trainee) in Social Work, nine months from September 16, 1958, \$2000 (9-4-58).
- LEPPER, MARGARET L., United States Public Health Service Fellow (Trainee) in Social Work, nine months from September 16, 1958, \$1800 (9-4-58).
- MCMICHAEL, ROBERT, United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1958, \$2400 (9-3-58).
- MILLER, DONOVAN E., United States Public Health Service Fellow (Trainee) in Social Work, nine months from September 16, 1958, \$1800 (9-4-58).
- MINKOFF, CORINNE G., United States Public Health Service Fellow (Trainee) in Social Work, nine months from September 16, 1958, \$2000 (9-4-58).

- MORDUE, DALE L., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1958, \$3000, supersedes (8-7-58).
- NEWTON, STEPHEN B., Rockefeller Foundation Fellow in Bacteriology, nine months from September 16, 1958, \$1350 (9-9-58).
- OHREN, BEVERLY A., United States Public Health Service Fellow (Trainee) in Social Work, nine months from September 16, 1958, \$1800 (9-4-58).
- PIERCE, JAN R., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1958, \$2000 (9-3-58).
- PORTER, MAURICE G., Fellow in Law, nine months from September 16, 1958, \$750 (8-28-58).
- SCHULMAN, ROBERT E., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1958, \$1800 (9-3-58).
- SCHWARTZ, DONALD, United States Public Health Service Fellow (Trainee) in the Chicago Professional Colleges, one year from July 1, 1958, \$233.33 a month (7-22-58).
- STEFFY, RICHARD A., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1958, \$1800 (9-3-58).
- TENNERY, VICTOR J., National Lead Company Fellow in Ceramic Engineering, nine months from September 16, 1958, \$1740 (8-28-58).
- TICKTIN, MYRNA, United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1958, \$2400 (9-3-58).
- WASSERMAN, EDWARD, United States Public Health Service Fellow (Trainee) in the Chicago Professional Colleges, two months from July 1, 1958, \$283.33 a month (7-22-58).
- WEISS, DONNA L., United States Public Health Service Fellow (Trainee) in Social Work, nine months from September 16, 1958, \$1800 (9-4-58).
- WOLOSHIN, ARTHUR A., United States Public Health Service Fellow (Trainee) in the Chicago Professional Colleges, nine months from July 1, 1958, \$233.33 a month, and for three months from April 1, 1959, \$283.33 a month (7-22-58).
- YABLONSKI, EVELYN G., United States Public Health Service Fellow (Trainee) in Social Work, nine months from September 16, 1958, \$2000 (9-4-58).
- YOUNG, JAMES R., Television Shares Management Corporation Fellow in Electrical Engineering, September 16, 1958-January 31, 1959, \$1000 (8-4-58).
- ZABORSKY, JAMES R., United States Public Health Service Fellow (Trainee) in Social Work, nine months from September 16, 1958, \$1800 (9-4-58).

RESIGNATIONS, DECLINATIONS, AND CANCELLATIONS

- ALEXANDER, BARBARA L., Instructor in Medical Social Work (Medicine) — resignation effective September 1, 1958.
- ANDERSON, TRUMAN O., Research Associate in Medicine (Medicine) — declination effective September 1, 1958.
- ARATA, LUCIAN A., Assistant Professor of Hygiene and Medical Adviser in the Health Service — resignation effective September 1, 1958.
- BACSO, IMRE, Research Assistant in Pharmacology (Medicine) — declination effective September 1, 1958.
- BAHN, ARTHUR N., Instructor in Microbiology (Medicine) — resignation effective January 1, 1959.
- BAKER, LYLE A., Clinical Associate Professor of Medicine (Medicine) — resignation effective September 1, 1958.
- BALDWIN, ROBERT L., JR., Fellow in the Chicago Professional Colleges — resignation effective September 1, 1958.
- BARRON, DAVID B., Clinical Instructor in Psychiatry (Medicine) — resignation effective September 1, 1958.
- BEDFORD, RANGIAH E., Visiting Assistant Professor of Electrical Engineering — resignation effective August 10, 1958.
- BURROUS, MRS. MARGARET W., Research Assistant in Bacteriology — resignation effective September 1, 1958.
- BURROUS, STANLEY E., Research Assistant in Dairy Science — resignation effective August 14, 1958.
- BURTON, DWIGHT, Visiting Lecturer in English (Summer Session) — resignation effective June 16, 1958.
- CHAKRAVERTY, NANI, Research Assistant in Mining and Metallurgical Engineering — declination effective September 1, 1958.

- CHODAKOWSKI, ALEXANDER S., Associate Professor of Electrical Engineering — resignation effective September 1, 1958.
- COPPERSMITH, ROBERT L., Assistant Professor of Agricultural Economics — resignation effective October 1, 1958.
- COWLES, HARRIET E., Instructor in Foreign Languages (Chicago Undergraduate Division) — resignation effective September 1, 1958.
- CRADDOCK, JOHN R., Assistant in Agricultural Education — declination effective August 1, 1958.
- CRANK, FLOYD, Assistant Professor of Business Education — resignation effective September 1, 1958.
- CUNNINGHAM, HUGH B., Research Associate in Agricultural Entomology — resignation effective September 1, 1958.
- DAY, DAVID A., Assistant Professor of Civil Engineering — resignation effective September 1, 1958.
- DCAMP, CHARLES B., Assistant in Bands — declination effective September 1, 1958.
- DECK, NORMA L., Bibliographer in the Library, with rank of Instructor — declination effective September 1, 1958.
- DEKKER, TUNIS H., Extension Specialist in the Division of University Extension — resignation effective October 1, 1958.
- DMUCHOWSKI, BERNICE, Research Assistant in Biological Chemistry (Medicine) — declination effective September 1, 1958.
- DOO, VEN YOUNG, Research Associate in Mining and Metallurgical Engineering — resignation effective September 1, 1958.
- DOOLEN, GLEN W., Acting Medical Director of the Health Services and Associate Professor of Hygiene — resignation effective November 1, 1958.
- DUNCAN, JAMES W., Research Associate in Electrical Engineering — resignation effective September 1, 1958.
- EISNER, MRS. BETH BRADLEY, Associate Professor of Music — resignation effective August 31, 1958.
- ELSON, JAMES J., Instructor and Research Associate in Agricultural Law — resignation effective August 19, 1958.
- FETTING, RUDOLF A., Research Assistant in Dairy Science — resignation effective September 13, 1958.
- FIORICA, VINCENT, Research Assistant in Animal Science — resignation effective September 1, 1958.
- GEARIEN, JAMES, Associate Professor of Biological Chemistry (Medicine) — resignation effective August 1, 1958.
- GRIFFITHS, ALBERT O., Instructor in Veterinary Clinical Medicine — resignation effective October 1, 1958.
- HATCH, JOSEPH L., Instructor in Ophthalmology (Medicine) — resignation effective July 1, 1958.
- HEILPERN, GISELA, Cataloger in the Library, with rank of Instructor — resignation effective October 1, 1958.
- HILL, DEANE W., Bibliographer in the Library, with rank of Instructor — resignation effective September 1, 1958.
- HORNBACK, VERNON T., Assistant in English — resignation effective September 16, 1958.
- HWA, RUDOLPH C., Research Assistant Professor of Electrical Engineering — resignation effective September 1, 1958.
- JABCON, DOROTHY A., Assistant in the School of Nursing — resignation effective September 17, 1958.
- JACOBSON, ALLEN, Fellow in the Chicago Professional Colleges — declination effective June 16, 1958.
- JERSILD, RALPH A., JR., Research Assistant in Zoology — declination effective September 16, 1958.
- KOIK, JUTA V., Physician in the Health Service and Instructor in Medicine (Medicine) — declination effective September 1, 1958.
- KRISHNA, KUMAR, Assistant in Biological Sciences (Chicago Undergraduate Division) — declination effective September 16, 1958.
- KUSUMOTO, HAZIME, Research Assistant in Chemistry — resignation effective August 17, 1958.
- LAWRENCE, MADONNA, Catalog Assistant in the Library — resignation effective September 1, 1958.

- LIU, RUEY WEN, Instructor in Electrical Engineering—declination effective September 1, 1958.
- LYNCH, EUGENE D., Associate Professor of Ceramic Engineering—declination effective September 1, 1958.
- MAROTTA, SABATH F., Research Associate in Animal Science—resignation effective September 1, 1958.
- MASLOW, WILLIAM C., Clinical Instructor in Medicine (Medicine)—resignation effective September 1, 1958.
- MONKE, EDWIN J., Instructor in Agricultural Engineering—resignation effective September 16, 1958.
- NAKABAYASHI, NICHOLAS, Assistant in Dairy Science—declination effective September 1, 1958.
- NEUMANN, LORENA P., Instructor in Home Economics—cancellation effective September 1, 1958.
- NICKELSON, WILLIS F., Instructor in Animal Science Extension—declination effective September 1, 1958.
- O'NEIL, ARTHUR L., Mathematics Institute Fellow in Mathematics—resignation effective September 16, 1958.
- PAULL, ELISE T., Resident Assistant in Allen Hall—declination effective August 19, 1958.
- PENNELL, ARTHUR E., Assistant in English—resignation effective September 16, 1958.
- PIETTE, RUTH E., Fellow in Music—resignation effective September 16, 1958.
- RAMA RAO, PALAMANDA B., Research Assistant in Animal Nutrition—resignation effective September 1, 1958.
- RAMSAY, FREDERICK, Fellow in the Chicago Professional Colleges—resignation effective September 1, 1958.
- RAPOPORT, ANITA E., Assistant Professor of Anesthesiology (Medicine)—declination effective September 1, 1958.
- RHOADES, MARCUS M., Professor of Cytogenetics (Agronomy) and of Botany—resignation effective September 1, 1958.
- RIX, DOLORES M., Research Assistant in Medicine—resignation effective September 1, 1958.
- ROMINE, DONALD J., Research Assistant in Ceramic Engineering—resignation effective September 1, 1958.
- SAMS, BURNETT H., Research Associate in the Control Systems Laboratory—resignation effective September 1, 1958.
- SIMPSON, IDA H., Instructor in the School of Nursing—resignation effective September 1, 1958.
- SKINNER, EDGAR R., Research Associate in Animal Nutrition—declination effective October 1, 1958.
- SLOCUM, CLYDE W., Research Assistant in Education and on the Committee on Admissions from Secondary Schools—resignation effective September 1, 1958.
- SLOCUM, MRS. MARY BETH, Assistant in English—resignation effective September 16, 1958.
- SMILEY, JOSEPH R., Dean of the College of Liberal Arts and Sciences and Professor of French—resignation effective September 1, 1958.
- SPIES, HENRY R., Assistant Editor in the Engineering Experiment Station—resignation effective September 1, 1958.
- STENSTROM, PATRICIA F., Education, Philosophy, and Psychology Library Assistant—declination effective September 1, 1958.
- STERN, MILTON R., Assistant Professor of English—resignation effective September 1, 1958.
- STUWE, HEIN P., Research Associate in Mining and Metallurgical Engineering—resignation effective October 1, 1958.
- TSUI, DAISY, Cataloger in the Library, with rank of Instructor—resignation effective September 1, 1958.
- TUTHILL, WILLIAM C., Assistant Professor of Accountancy—resignation effective September 1, 1958.
- TUTTLE, PRESTON H., Assistant in English—declination effective September 16, 1958.
- VATTER, ALBERT E., JR., Electron Micrographer in Electron Microscope—declination effective September 1, 1958.

- WALKER, WILLIAM G., Assistant in Radiology (Medicine) — resignation effective August 1, 1958.
- WHALLEY, ELSA A., Research Associate in the Institute for Research on Exceptional Children — resignation effective September 1, 1958.
- WHITE, EDWIN L., Research Assistant in Microbiology (Medicine) — resignation effective September 1, 1958.
- WILLIAMS, HENRY F., Instructor in Economics (Chicago Undergraduate Division) — resignation effective September 1, 1958.
- WINN, MRS. DONNA T., Research Assistant in the State Water Survey — resignation effective August 22, 1958.
- WOOD, WILLIS A., Associate Professor of Bacteriology (Dairy Science) — resignation effective September 14, 1958.
- WOODS, BILL M., Map Librarian and Assistant Professor of Library Science — resignation effective September 1, 1958.
- YOUNG, CLYDE W., Music Library Assistant — resignation effective September 18, 1958.

LEAVES OF ABSENCE

- BALDWIN, THOMAS W., Professor of English — change in status from retirement, effective September 1, 1958, to leave of absence, without pay, for one year from September 1, 1958, so that he may accept an appointment on the faculty of Southern Illinois University during the academic year 1958-59.
- BRADEN, BETTY J., Henderson County Home Adviser — leave of absence, with pay, for three months from July 1, 1958, on account of illness.
- CURLEY, DANIEL, Associate Professor of English — sabbatical leave of absence granted him for the academic year 1958-59, for the first semester on one-half pay and for the second semester without pay, changed to leave of absence for the first semester without pay and for the second semester on one-half pay.
- DOYLE, LAWRENCE E., Professor of Mechanical Engineering — leave of absence, without pay, for the academic year beginning September 1, 1958, so that he may devote this time to writing books.
- DUNN, DOROTHY F., Associate Professor of Hygiene and Public Health — leave of absence, without pay, for the academic year, 1958-59, so that she may complete work on her doctorate at Purdue University.
- EDELMAN, MURRAY, Professor of Political Science, in the College of Liberal Arts and Sciences and in the Institute of Labor and Industrial Relations — leave of absence, without pay, for four months from February 1, 1959, so that he may accept a Visiting Professorship in Political Science at the University of Texas.
- FULLER, HARRY J., Professor of Botany — leave of absence on account of illness, with full pay, from September 1, 1958, through February 28, 1959.
- JACKOBS, JOSEPH A., Professor of Crop Production (Agronomy) — leave of absence, without pay, for two years from October 1, 1959, in order that he may accept an assignment in Poona, India, as a Range and Forage Crop Specialist with the Kansas State College Team.
- LEVINSON, IDA, Counselor on University Council on Teacher Education and Assistant Professor of Speech — leave of absence on account of disability, without pay, from September 1, 1958, through February 28, 1959.
- LIPE, DALE M., Assistant Professor of Full and Removable Partial Dentures (Dentistry) — leave of absence, without pay, for one year from September 1, 1958.
- PAGE, DAVID, Assistant Professor of Education (University High School) — leave of absence on 3/10 time, without pay, beginning September 1, 1958.
- RUINA, JACK P., Research Associate Professor in the Control Systems Laboratory, and Associate Professor of Electrical Engineering — leave of absence, without pay, beginning August 1 and continuing through August 15, 1958, so that he may attend the National Academy of Science Summer Study Group, Woods Hole, Massachusetts.
- STONE, CLARENCE W., Professor of Library Science — leave of absence for the academic year 1958-59, so that he may accept an appointment offered him by the United States Office of Education to serve as consultant on research and experimentation in television, radio, motion pictures, and related media for educational purposes.

TRUMP, J. LLOYD, Professor of Education and Head of Teacher Placement on the University Council on Teacher Education—leave of absence, without pay, on 83 per cent time, beginning September 1, 1958.

WOODS, GEORGE T., Assistant Professor of Veterinary Extension, in the Extension Service in Agriculture and Home Economics and in the College of Veterinary Medicine—leave of absence, without pay, for eleven months from September 1, 1958.

CANCELLATION OF SABBATICAL LEAVES OF ABSENCE

MADISON, KENNETH M., Associate Professor of Biological Sciences (Chicago Undergraduate Division)—sabbatical leave of absence for the academic year beginning September 1, 1958, cancelled, without prejudice.

STONE, CLARENCE W., Professor of Library Science—sabbatical leave of absence for the first semester with pay cancelled, without prejudice.

OCTOBER, NOVEMBER, AND DECEMBER MEETINGS

On motion of Mr. Johnston, the Board voted to hold its October meeting in Chicago, Illinois, on Thursday, October 23, 1958, at an hour and place to be determined by the President and Secretary of the Board.

On motion of Mr. Bissell, the Board voted to hold its November meeting in Chicago, Illinois, on Wednesday, November 19, 1958, at an hour and place to be determined by the President and Secretary of the Board.

On motion of Mr. Bissell, the Board voted to hold its December meeting in Chicago, Illinois, on Wednesday, December 17, 1958, at an hour and place to be determined by the President and Secretary of the Board.

EXECUTIVE SESSION

At this point, on motion of Mr. Williamson, an executive session was ordered for consideration of the following items of business.

PURCHASE OF PROPERTY AT 502 EAST JOHN STREET, CHAMPAIGN

(18) The Director of the Physical Plant and the Vice-President and Comptroller recommend the purchase of the property at 502 East John Street at a price of \$25,000.

The property, located at the northeast corner of John and Fifth Streets, consists of a lot 66 feet wide and 130 feet deep with a three-story frame house which has been used as a student rooming house, and is in an area which the University will ultimately need to acquire for expansion of the campus. In the meantime, there is a great need for additional parking facilities in this area. The Board of Trustees has recently approved the purchase of the property at 508 East John Street, Champaign, in the same block.

The property at 502 East John Street was offered to the University for \$30,000 but the offer was rejected and the price was reduced to \$25,000 which represents a cost of \$2.91 per square foot and is within appraisals obtained by the University.

Funds are available in the state capital appropriations to the University for 1957-59. The balance remaining in the item for land has been scheduled for acquisition of other properties, but these acquisitions can be deferred.

Mr. Williamson stated that this recommendation, with the President of the University concurring therein, was previously considered by the Committee on Buildings and Grounds and that the Committee supports it.

On motion of Mr. Williamson, the purchase of this property, as recommended, was authorized by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton.

RECOMMENDATIONS OF THE UNIVERSITY PATENT COMMITTEE

(19) 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. Method for destroying hardwood tree stumps—C. S. Walters, Professor of Forestry, and K. R. Peterson, Research Associate in Forestry, inventors. At its meeting on April 18, 1958, the Board of Trustees approved the transfer of this invention to the University of Illinois Foundation with authority to file a patent application if it appeared desirable. The Foundation has now requested the Patent Committee to make a recommendation as to the distribution of any net income that may be received from licenses or royalties on this invention.

The Patent Committee recommends that 15 per cent of the income received by the Foundation from licenses or royalties on this invention remaining after the payment of all expenses incurred in connection with such invention be paid to the inventors.

2. Electrolytic saw—Marvin Metzger, Associate Professor of Physical Metallurgy, inventor. This invention is a device for cutting electrically conducting materials without strain by passing a direct current from the specimen to a wire cathode held in close proximity to it through a suitable electrolyte. The novel feature of the present device is that it uses a cathode in close proximity to the specimen, and this can produce localized cutting action even when the electrolyte is applied over a large area of the specimen.

The Head of the Department of Mining and Metallurgical Engineering is of the opinion that this development will be of use only in the laboratory and has little or no commercial application; he does not recommend that funds be expended in attempting to secure a patent. The Patent Committee concurs in this opinion and recommends that it be released to the United States Navy, the sponsoring agency under which it was developed.

I concur in these recommendations.

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

On motion of Mr. Bissell, the Board adjourned.

A. J. JANATA
Secretary

PARK LIVINGSTON
President

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

October 23, 1958



The October meeting of the Board of Trustees of the University of Illinois was held in the Sheraton-Blackstone Hotel, Chicago, Illinois, on Thursday, October 23, 1958, beginning at 10:00 a.m., central daylight saving time.

The following members of the Board were present: Mr. Cushman B. Bissell, Mr. Wirt Herrick, Mrs. Doris S. Holt, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Park Livingston, Mr. Vernon L. Nickell, Mrs. Frances B. Watkins, Mr. Kenney E. Williamson. Governor William G. Stratton and Mr. Timothy W. Swain were absent.

Also present were President David D. Henry, Vice-President and Provost Gordon N. Ray, Dr. H. E. Longenecker, 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 Department, Mr. Vernon L. Kretschmer, Director of Housing, Mr. H. A. Hazleton, Business Manager of the Chicago Colleges, Mr. H. W. Pearce, Superintendent of Buildings and Grounds at the Chicago Colleges, Mr. C. E. Flynn, Director of Public Information, Mr. Joseph S. Begando, Assistant to the President, Mr. William H. Rice, Administrative Assistant in the President's Office, Mr. Richard L. Nelson, President of the Real Estate Research Corporation, Mr. William Hartmann of the firm of Skidmore, Owings, and Merrill; 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 19, 1958, press proof copies of which have previously been sent to the Board.

On motion of Mr. Johnston, these minutes were approved as printed on pages 1273 to 1670, 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.

BIENNIAL OPERATING BUDGET

(1) Under state law the University must file with the Department of Finance not later than November 1 of each even-numbered year an estimate of the state appropriations it will request for the biennium beginning the following July.

The Board of Trustees at its meeting on July 29, 1958, approved recommendations for capital appropriations for 1959-61. I now submit the operating budget estimates for the two-year period beginning July 1, 1959. These estimates have been prepared after several months of study by the University's Budget Committee¹ under the chairmanship of the Vice-President and Provost, and have been reviewed with the University Council. Substantial reductions were made in the original estimates prepared by the colleges, schools, institutes and other departments. The budget estimates as now submitted represent the minimum needed for the biennium of 1959-61.

These estimates have also been carefully considered by the Finance Committee of the Board in a special work session in which the other Trustees 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 recommendations of the President, including the budget estimates and supporting materials, had been sent to all members of the Board of Trustees for study in advance of the meeting, and had previously been considered by the Finance Committee in consultation with the other Trustees.

Following President Henry's presentation, President Livingston called for discussion by the Trustees, in which all members present participated.

At the conclusion of these discussions, on motion of Mr. Johnston, seconded by Mrs. Watkins, the following operating budget was approved, and the President of the University was authorized to present these recommendations to the Department of Finance. This motion was adopted by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Swain.

On motion of Mrs. Watkins, the President of the Board, the President of the University, and the Chairman of the Finance Committee

¹ Gordon N. Ray, Vice-President and Provost, Chairman; Charles A. Knudson, Professor and Head of the Department of French; Herbert E. Longenecker, Vice-President in charge of the Chicago Professional Colleges; Reid T. Milner, Professor and Head of the Department of Food Technology; Joseph A. Russell, Professor and Head of the Department of Geography; Albert J. Schneider, Associate Professor of Accountancy; Henry S. Stillwell, Professor and Head of the Department of Aeronautical Engineering; Frederick T. Wall, Dean of the Graduate College; Dr. William V. Whitehorn, Professor of Physiology, Chicago Professional Colleges; and Herbert O. Farber, Vice-President and Comptroller.

were authorized to represent the University in conferences regarding this budget with state officials.

UNIVERSITY OF ILLINOIS BIENNIAL BUDGET FOR OPERATIONS, 1959-61

INTRODUCTION

Budget for 1958-59

The University of Illinois annual budget is \$46,341,140 from tax funds and \$6,432,660 from University general income, or a total of \$52,773,800.¹ This budget encompasses not only teaching, but also research activities, extension teaching, and other services to the people of the state.

Many activities receive additional financial support from federal grants and contracts, and from private gifts. In addition, the University operates auxiliary enterprises such as residence halls, union buildings, and bookstores. Receipts from all these sources are included in the annual operating budget, which totals \$77,-043,000. Tax revenues of \$46,341,140 make up 60 per cent of the total budget from all funds.

The biennial budget consists of only those funds which require appropriation by the General Assembly—the \$52,773,800 for 1958-59 from tax funds and University income, plus \$51,288,200 for 1957-58, or a total of \$104,062,000 for the biennium. The funds appropriated by the Seventieth General Assembly total \$104,-562,000, but \$500,000 will not be spent, since the increase in enrollment during 1957-58 was not as great as anticipated.

Procedures for Budget Request, 1959-61

In January, 1958, the Deans and Directors submitted requests for budget increases according to the classifications shown in Schedule A. Salary adjustments have been considered separately on a University-wide basis.

All requests have been studied 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 all three campuses, including representatives of the budget committees of the three Senates. The Committee has held weekly meetings during which it conferred with Deans and Directors to analyze their requests. The Committee has also given careful attention to the various proposals for salary increases and has concurred in the recommendations herein presented.

Budget Summary

The requests for additional funds submitted by Deans and Directors plus the salary recommendations total \$36,755,544 for the biennium. After careful analysis of these requests, the Budget Committee has reduced this figure and recommends an increase of \$26,948,000 over the appropriations for 1957-59 (an average of \$13,474,000 a year) or approximately 26 per cent of the current appropriations. The total requested budget of \$131,510,000 includes \$118,410,000 from tax revenues of the state and \$13,100,000 from University income. It is divided to provide \$63,-191,000 for the first year of the biennium and \$68,319,000 for the second. The higher amount in the second year will be needed primarily for salary adjustments, but also because of a larger enrollment and new buildings put into operation in that year. This means an added \$5,128,000 will be required in 1961-63 to maintain the level to be established during the second year of the coming biennium.

Schedule A is a summary statement of the various items included. In parallel columns are listed comparable figures for increases originally requested by Deans and Directors. Following Schedule A are explanatory statements concerning the purposes for which additional funds are requested.

¹ This and all other figures in this request include separate appropriations made in 1957-59 for the Gerontological Committee, Horseradish Research, and Agricultural Extension, but it does not include the Institution for Tuberculosis Research.

Schedule A — Summary of 1959-61 Biennial Budget

(All amounts are for two years except as noted)

	<i>Requested by Deans and Directors</i>	<i>Amount Recommended</i>
I. Contribution to University Retirement System	\$ 997 200	\$ 997 200
II. A. To continue for a full biennium, funds re- quired for one year only in 1957-59.....	1 485 600	1 485 600
Less Income Fund not spent in 1957-59...	-500 000	-500 000
Net Amount to continue present budget...	(985 600)	(985 600)
B. For essential increases in expense and equip- ment.....	4 024 982	4 000 000
C. To continue on a permanent basis, expendi- tures financed temporarily from savings...	1 415 000	1 415 000
III. Salary adjustments for all staff.....	12 000 000	12 000 000 ¹
IV. University's contribution to staff health insur- ance program.....	600 000	600 000
V. To put new buildings into operation.....	1 290 200	1 290 200 ¹
VI. For additional enrollment.....	1 027 544	1 480 000 ¹
VII. To improve educational program.....	14 334 918	4 100 000
VIII. Increases in refunds.....	80 000	80 000
<i>Total Increases</i>	\$36 755 544	\$ 26 948 000
Present Budget.....		104 562 000 ²
Proposed Budget.....		\$131 510 000

Fund Distribution

	<i>General Revenue</i>	<i>Income Fund</i>	<i>Total</i>
Present Budget.....	\$ 92 562 000 ²	\$12 000 000	\$104 562 000 ²
Increase.....	25 848 000	1 100 000	26 948 000
Proposed Budget.....	\$118 410 000	\$13 100 000	\$131 510 000

EXPLANATION OF INCREASES REQUESTED**I. Contribution to Retirement System.....\$997 200**

The University Retirement System provides disability and retirement benefits to all permanent staff members and employees of the University, of the other state universities, and of the three scientific surveys. The University's share of the cost of the System is included regularly in University appropriations. An increase of \$695,000 for the biennium is required for the benefits to be provided under the present law, mainly because of the larger number of persons who will be on retirement. An additional \$302,200 is included to provide for needed improvements in the Retirement System, which have been approved by its Board of Trustees.

**IIA. To continue for a full biennium, the funds required
for one year only in 1957-59.....\$985 600**

As reported to the Seventieth General Assembly, \$1,985,600 was included for additional enrollment, new buildings, and salary adjustments for 1958-59. In approving the budget, the General Assembly anticipated that additional appropriations equal to this amount would be required in 1959-61 to continue the level established in this budget. Because enrollments were below estimates, the 1958-59 budget exceeds the 1957-58 budget by \$1,485,600 instead of by \$1,985,600. The increases in the second year are:

Salary adjustments	\$1 097 074
Operation of Biology Building.....	84 000
Operating expense of Research and Educational Hospitals from additional hospital income.....	215 000
For increased enrollment.....	89 526
	\$1 485 600

¹ Includes funds for second year of biennium only, as follows: salary adjustments, \$4,000,000; new buildings, \$348,000; additional enrollment, \$780,000; total, \$5,128,000.

² Includes separate appropriations for Gerontological Committee, Horseradish Research, and Agricultural Extension.

As a result of the reduction in the budget, \$500,000 of the 1957-59 appropriations from the University Income Fund will not be spent. The biennial appropriation can therefore be reduced by \$500,000, making a net increase of \$985,600 in the budget.

IIB. For essential increases in expense and equipment budgets.....\$4 000 000

No increases in biennial budget appropriations for increased costs of supplies and equipment have been made since 1949-51, all increases having been specifically for other purposes, such as contributions to the Retirement System, operation of new buildings, salary adjustments, and increased enrollment. In 1953-55, reductions were made in the expense and equipment budget of nearly every department. Thus, there are serious deficiencies, the correction of which is of high priority.

During this period, the price of nearly everything the University buys has been going up approximately 5 per cent a year. Coal has increased from five to six dollars a ton in the last three years. A dollar a ton is a significant increase since the University uses 60,000 tons a year. The increases in postal rates have contributed to the budget problems of many departments.

It has been impossible to replace all obsolete and worn-out equipment. Increased costs can no longer be met through internal adjustments and savings. The University's inventory of equipment is approximately \$40,000,000, about three-fourths of which has been provided from state funds. The present appropriation for equipment is \$1,000,000 a year, which provides for replacement on the average of once every thirty years. The most expensive type of equipment, scientific apparatus, becomes obsolete in less than half that time. Equipment budgets should be increased by at least 50 per cent to provide for an average replacement once every twenty years; however, the requested increase of 40 per cent will enable the University to inaugurate a program of regular replacement and to correct the most urgent deficiencies.

IIC. To continue on a permanent basis expenditures

financed temporarily from savings.....\$1 415 000

During the present biennium it has been necessary to increase the various operating budgets, both for staff and for current operating expenses, by the use of temporary savings in other areas. All these needs, which are detailed in Schedule B, will continue in the next biennium and should be provided for on a permanent basis. The principal items include interior painting, rental and staff for an IBM Electronic System, increases in fellowship stipends, additional staff for extramural classes, and operating expense of the Departments of Chemistry and Chemical Engineering and of Admissions and Records.

III. Salary adjustments for all staff.....\$12 000 000

While the increases provided in the 1957-59 budget have enabled the University to keep pace with increases at comparable institutions, further adjustments of considerable magnitude will be required during the next four biennia if faculty salaries are to be brought into line with comparable professions and other universities of great distinction. The President's Committee on Education Beyond the High School has recommended that faculty salaries be increased to twice the 1956 level within five to ten years.

From 1952 until 1956 the cost of living remained fairly constant, rising only 2 per cent during the four-year period. Thus, the increases made during that period represented substantial gains in purchasing power. During the last two years, however, in spite of the business recession, the Bureau of Labor Statistics Index of Consumer Prices has risen steadily month by month, so that the price level is now $6\frac{1}{2}$ per cent greater than it was two years ago. There are good reasons for believing that a similar trend in living costs will continue.

The increases in faculty salaries at a number of other universities in the Middle West since 1951 on the average have exceeded those at the University of Illinois. These schools are planning increases comparable to those presented here. In 1957 the University ranked fourth among the Council of Ten Universities in average salaries for full professors, fifth for associate professors, third for assistant professors, and second for instructors.

Several leading universities now have minimum salaries of \$12,000 for full professors. The minimum at the University of Illinois is now \$8,400, and it

should be raised to \$12,000 within the next two or three biennia. Approximately three-quarters of the academic staff are below the rank of professor.

The gap between faculty salaries and commercial and industrial positions requiring comparable training is so great that many of the most promising students go into other lines of work. The situation is particularly acute in engineering, but shortages also exist in architecture, law, commerce, medicine, dentistry, chemistry, and many other fields.

Business Week magazine has reported that the average salary of ten-year college graduates is \$9,200 for industry and \$10,400 for banking. This is from 20 to 30 per cent more than the average University of Illinois faculty member of similar seniority receives. A neighboring engineering school recently made a study of forty-seven teachers who left its faculty to enter industry. Two-thirds of the former staff members received industrial salaries which exceeded their academic salaries by 50 per cent, and one-sixth of them received more than twice as much.

The University of Illinois has the largest and one of the finest Colleges of Medicine in the country. Yet fewer than 10 per cent of the full-time staff of the College receive salaries above the national average for practicing physicians.

The most serious problem facing higher education in the next decade is recruiting enough personnel to staff classes adequately for twice the present enrollment. The University can ill afford to lose staff to other professions, and concerted efforts must be made to attract more people to the teaching profession. Many men and women are temperamentally attracted to the academic life, but to hold even these a generous increase in the salary level is essential.

Adjustments in nonacademic salaries must be made to keep pace with anticipated increases in industry and in private and federal employment. In most nonacademic groups the salaries are now reasonably in line with comparable positions elsewhere, but further adjustments are needed in some areas.

Altogether, \$4,000,000 is needed for salary adjustments for all members of the staff in the first year of the biennium and an additional \$4,000,000 in the second year, a total of \$12,000,000 for the biennium. As indicated above, some increases in minimum salaries will be proposed. Otherwise, no percentage or across-the-board increases are contemplated, and each group will be considered on the basis of its relative position in comparison with comparable employment outside the University. With minor exceptions, every employee will receive some increase.

The amount requested is nearly half the new money asked for, and is approximately 10 per cent of the total proposed budget from tax funds. It is not the final answer to the salary problem, but it will permit a continuation of orderly improvement.

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. A staff committee has made an exhaustive study and recommends a plan which would cover the first \$250 of all hospital expenses, and 80 per cent thereafter. It would also cover 80 per cent of medical expenditures in excess of \$100. Each person would be insured for a \$15,000 maximum benefit. The committee recommends that the University pay the full cost of the insurance for staff members and half of the premium for dependents. This proposal is in line with a growing practice in industry and provides an excellent benefit at a relatively low cost to the state. The premiums for employees paid from other than state appropriations would be charged against funds from which the employees are paid.

V. *To put new buildings into operation*.....\$1 289 800

Funds will be needed for operation of buildings to be completed during the next biennium. These include the new Physics Building, Library Addition, Fine Arts Building, Medical Research Laboratory, Classroom Addition in Chicago, and several minor structures. Funds for the Labor and Industrial Relations Building, Veterinary Isolation Unit, and the Assembly Hall in the amount of \$348,000 are requested for one year only. An itemization of the amounts appears in Schedule C.

VI. *For additional enrollment*.....\$1 480 000

From 1,000 to 1,500 additional students are expected to enroll on the three

campuses each year of the new biennium. Only part of this increase can be served by the present staff. The enrollment of graduate students (the cost of graduate instruction is higher than the cost of teaching freshmen and sophomores) has substantially increased during the present biennium and this trend is expected to continue. Enrollment is not distributed evenly among all the departments, and additional staff will be required in areas where pressures are heavy. During 1959-60, approximately one-half of the additional enrollment can be taught by the present staff, but fifty-five more full-time staff members will be needed at a cost of \$350,000. In the second year of the biennium, one hundred twenty more full-time staff members will be needed at a cost of \$780,000, making a total of \$1,480,000 for the biennium.

VII. *To improve the educational program*.....\$4 100 000

Increases totaling \$7,167,459 a year, or \$14,334,918 for the biennium, have been requested by Deans and Directors for improving the educational program. Few new programs are contemplated in the reduced requests. Instead, the emphasis will be on expanding areas of teaching, research, and public service to maintain the University's position. The University Budget Committee is studying the relative merits of the total requests and will submit an itemization later. The sum proposed is less than 30 per cent of the requests from Deans and Directors, and represents the minimum amount needed to enable the University to meet current commitments and to provide for essential improvements in its educational program and services to the state.

VIII. *Refunds*.....\$80 000

State law requires all income from fees to be deposited in the State Treasury. Students who leave the University early in a semester are entitled to a refund of all or a portion of the fees depending on time of withdrawal. Based on the experience of the present biennium, the amount to be appropriated for refunds should be increased by \$80,000. This entire increase comes from the University Income Fund.

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.

It is not always possible to expand a budget exactly as planned, particularly when estimates must be made as much as three years in advance of some of the actual expenditures. New faculty can not always be found immediately to fill vacancies. 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 five 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—Increases to Continue on a Permanent Basis Expenditures Financed Temporarily from Savings

	<i>Annual Amount</i>
Agriculture — half-time Editor.....	\$ 2 200
Agricultural Economics — part-time Assistant.....	2 200
Plant Pathology — Typist.....	2 700
Accountancy — half-time Typist.....	1 500
Economics — half-time Secretary.....	1 800
Executive Development Center — Secretary.....	3 990

	<i>Annual Amount</i>
Engineering — editorial staff.....	\$ 6 350
Mining and Metallurgical Engineering — half-time Associate Professor.....	3 500
Architecture and Art — Assistant Professor.....	5 700
Bureau of Community Planning — Professor.....	12 000
Bands — Librarian.....	4 800
Graduate Fellowships.....	52 500
IBM electronic data processing machine — rental and staff.....	70 000
Astronomy — part-time Assistant Professor.....	2 000
Chemistry and Chemical Engineering — part-time Assistant Professor, Typist, and expense.....	25 700
Entomology — part-time Assistant.....	1 700
French and Russian — two Assistant Professors.....	11 795
German — three-quarter time Assistant Professor.....	4 750
Mathematics — two Assistant Professors and half-time Typist.....	13 500
Physiology — part-time Assistants.....	900
Speech — Instructor.....	4 500
Zoology — part-time Assistants.....	3 700
Recreation — community consulting program.....	5 400
Extramural Classes.....	35 420
Veterinary Pathology and Hygiene — Professor.....	10 300
Institute of Government and Public Affairs — Assistant Professor....	8 000
Institute of Labor and Industrial Relations — Assistant Professor....	7 000
Social Work — Typist.....	3 600
Summer Session — teaching staff, Urbana and Chicago Undergraduate Division.....	9 500
University Press — publications.....	10 000
Library — additional book purchases.....	36 900
Physical Plant — renewals and replacements.....	198 870
School of Nursing — Instructor.....	4 800
Chicago Undergraduate Division — three Assistant Professors.....	17 500
Administrative Assistant to the President.....	15 000
Citizens Committee — part-time staff.....	1 700
Community Problems — expense.....	6 000
Student Counseling Services — summer testing program for freshmen..	9 880
Instructional Television — staff and expense.....	16 000
Admissions and Records — expense.....	56 745
Coordinator of College Day Programs.....	3 000
Business Office, Chicago Professional Colleges — expense.....	5 500
Nonacademic Personnel — service awards and advertising expense....	6 000
Dean of Women — part-time Assistant.....	2 600
<i>Total, annual amount.....</i>	<u>\$ 707 500</u>
	<u>× 2</u>
<i>Total for the Biennium.....</i>	<u>\$1 415 000</u>

Schedule C — Increases to Put New Buildings into Operation

	<i>1959-60</i>	<i>1960-61</i>
Medical Research Laboratory — Chicago		
Physical Plant.....	\$ 128 600	
Building operation.....	4 000	
<i>Total, Medical Research Laboratory.....</i>	<i>(132 600)</i>	
East Dentistry-Medicine-Pharmacy Building Classroom Addition		
Physical Plant.....	13 350	
Medical Center Steam Plant Addition		
Physical Plant.....	64 000	
Fine and Applied Arts Building and Krannert Art Museum		
Physical Plant.....	75 400	
Museum operation.....	30 600	
<i>Total, Fine and Applied Arts.....</i>	<i>(106 000)</i>	
Physics Building		
Physical Plant.....	69 400	

	1959-60	1960-61
Veterinary Medicine Isolation Unit		
Building operation.....		\$ 33 000
Library Addition		
Physical Plant.....	\$ 26 100	
Building operation.....	3 000	
<i>Total, Library Addition</i>	(29 100)	
Biology Building (in addition to 1958-59 funds)		
Physical Plant.....	20 100	
Building operation.....	7 740	
Library.....	3 000	
<i>Total, Biology Building</i>	(30 840)	
Institute of Aviation Terminal Building and Tower		
Building operation.....	5 150	
Institute of Labor and Industrial Relations Building		
Physical Plant.....		21 230
Additional telephones.....		520
<i>Total, Labor and Industrial Relations Building</i>		(21 750)
Health Service Building		
Physical Plant.....		22 350
Building operation.....		8 900
<i>Total, Health Service Building</i>		(31 250)
Assembly Hall		
Physical Plant.....		262 000
Other areas.....	20 660	
	\$ 471 100	\$348 000
	X	2
	\$ 942 200	
	348 000	
<i>Total for the Biennium</i>	\$1 290 200	

Schedule D — Summary By Object Classification and Fund

	1957-59 ¹	Change Requested	1959-61
<i>General Revenue</i>			
Personal Services.....	\$ 72 732 700	\$19 188 600	\$ 91 921 300
Travel.....	432 000	68 000	500 000
Contractual Services.....	9 000 000	3 000 000	12 000 000
Commodities.....	3 100 800	1 399 200	4 500 000
Equipment.....	1 400 000	800 000	2 200 000
Retirement Contributions.....	3 241 500	997 200	4 238 700
Permanent Improvements.....	350 000	50 000	400 000
Contingencies.....	5 000	-5 000	
Artificial Appliances and Physical Examinations for Aided Persons....	200 000	50 000	250 000
Hospital and Medical Services.....	2 100 000	300 000	2 400 000
<i>Total, General Revenue</i>	\$ 92 562 000	\$25 848 000	\$118 410 000
<i>University Income</i>			
Personal Services.....	\$ 4 090 000	\$ -730 000	\$ 3 360 000
Travel.....	70 000	30 000	100 000
Contractual Services.....	1 000 000		1 000 000
Commodities.....	500 000		500 000
Equipment.....	600 000		600 000
Refunds.....	250 000	75 000	325 000
Awards and Grants.....	440 000	210 000	650 000
Claims under Workmen's Compensa- tion Act.....	50 000	15 000	65 000
Contingencies.....	5 000 000	1 500 000	6 500 000
<i>Total, University Income</i>	\$ 12 000 000	\$ 1 100 000	\$ 13 100 000

¹ Includes Gerontological Committee, Horseradish Research, and special appropriation for Agricultural Extension.

*General Revenue and Income Fund
Combined*

Personal Services.....	\$ 76 822 700	\$18 658 600	\$ 95 281 300
Travel.....	502 000	98 000	600 000
Contractual Services.....	10 000 000	3 000 000	13 000 000
Commodities.....	3 600 800	1 399 200	5 000 000
Equipment.....	2 000 000	800 000	2 800 000
Retirement Contributions.....	3 241 500	997 200	4 238 700
Permanent Improvements.....	350 000	50 000	400 000
Artificial Appliances and Physical Examinations for Aided Persons....	200 000	50 000	250 000
Hospital and Medical Services.....	2 100 000	300 000	2 400 000
Refunds.....	250 000	75 000	325 000
Awards and Grants.....	440 000	210 000	650 000
Claims under Workmen's Compensa- tion Act.....	50 000	15 000	65 000
Contingencies.....	5 005 000	1 495 000	6 500 000
<i>Total, General Revenue and Income Fund.....</i>	<i>\$104 562 000</i>	<i>\$26 948 000</i>	<i>\$131 510 000</i>

**INSTITUTION FOR TUBERCULOSIS RESEARCH BIENNIAL
OPERATING BUDGET FOR 1959-61**

(2) 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 Vice-President in charge of the Chicago Professional Colleges recommend a budget for 1959-61 amounting to \$71,150 for each year, or \$142,300 for the biennium. This is an increase of \$22,020 for the biennium over the present appropriation.

The increase is requested for the following purposes:

Salary adjustments in accordance with the policy adopted by the University	\$ 5 020
Increases in expense and equipment.....	4 000
To improve the educational program (staff for studying method of preserving BCG vaccine at room temperatures).....	13 000
<i>Total.....</i>	<i>\$22 020</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. Herrick, this budget was approved by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Swain.

**APPOINTMENT OF HEAD OF DEPARTMENT OF PHYSIOLOGY
IN THE COLLEGE OF MEDICINE**

(3) The Dean of the College of Medicine and the Vice-President in charge of the Chicago Professional Colleges recommend the appointment of Dr. Arnold V. Wolf as Professor of Physiology on indefinite tenure and Head of the Department of Physiology in the College of Medicine beginning December 1, 1958, at an annual salary of \$16,600 on "Y" basis.

This appointment is to fill the vacancy created by the resignation of Dr. G. E. Wakerlin on April 1, 1958, to become Medical Director of the American Heart Association. In the meantime, Dr. W. V. Whitehorn has been serving as Acting Head. The nomination of Dr. Wolf has been made after careful study by a search committee of the qualifications of candidates for the headship and consultation with members of the department of professorial rank. The Vice-

President and Provost and the Dean of the Graduate College concur in this appointment.

I recommend approval.

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

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. ALAN J. BARRY, Assistant Professor of Physical Education for Men, beginning September 1, 1958, at an annual salary of \$6,500 (B).
2. HAROLD H. BEATY, Professor of Agricultural Engineering, beginning November 1, 1958, at an annual salary of \$11,500 (C, E, S—AY).
3. ROBERT E. JONES, Lecturer with rank of Assistant Professor, in the Department of Psychology, beginning September 1, 1958, without salary (DY).
4. ROBERT LANNIGAN, Lecturer with rank of Associate Professor, in the Departments of Medicine and Pathology, for one year from January 1, 1959, at a salary of \$8,000 (FY).
5. RICHARD E. MARCUS, Clinical Assistant Professor of Otolaryngology, beginning November 1, 1958, without salary (DY).
6. MARTIN M. ROSNER, Assistant Professor of Pharmacy Administration, beginning September 1, 1958, at an annual salary of \$6,500 (D).
7. GENE C. SHOVE, Associate Professor of Agricultural Engineering, beginning November 1, 1958, at an annual salary of \$9,000 (C-AY38; S-AY62).
8. EDWARD B. TITCHENER, Assistant Professor of Biological Chemistry, in the College of Medicine, beginning September 1, 1958, at an annual salary of \$8,000 (DY).

Nonacademic Appointments

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

1. MARY ALICE JOHNSTON, Dietitian in the Research and Educational Hospitals, at the rate of \$5,000 per annum, effective September 8, 1958.
2. ELEANOR W. McCULLY, Food Service Supervisor in the Research and Educational Hospitals, at the rate of \$4,200 per annum, effective September 15, 1958.
3. SANDRA L. NEWLING, Food Service Supervisor in the Student Residence Halls, at the rate of \$3,420 per annum, effective September 2, 1958.

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

ADVISORY COMMITTEE FOR THE COLLEGE OF VETERINARY MEDICINE

(5) The Dean of the College of Veterinary Medicine recommends the reappointment of Mr. Russell V. McKee, Washburn, Illinois, as a member of the College of Veterinary Medicine Advisory Committee for the period of two years beginning September 1, 1958.

I concur.

On motion of Mrs. Watkins, 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 reappointments to the Advisory Committee of the Institute for Research on Exceptional Children for three years beginning September 1, 1958: Professor James E. Hulett, Department of Sociology and Anthropology, representative of the University, and Mr. Harry McClintock, Assistant Director of the Department of Public Welfare, representative of the Department of Public Welfare.

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

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. Nickell, these appointments were approved.

APPROPRIATIONS BY ATHLETIC ASSOCIATION

(7) The Board of Directors of the Athletic Association has approved the following appropriations: \$3,000 for services of the Alumni Association and \$4,000 for replacement of two trucks.

Confirmation of these appropriations is requested.

On motion of Mr. Hughes, the action of the Board of Directors was confirmed.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(8) The Committee on Nonrecurring Appropriations recommends assignments of funds from the General Reserve Fund as follows:

1. Department of Animal Science, purchase of truck.....	\$ 3 343 00
2. Department of Mining and Metallurgical Engineering, remodeling in the Mining Laboratory.....	10 000 00
3. Department of Physiology, purchase of X-ray machine and auxiliary equipment.....	8 700 00
4. School of Music, purchase of equipment.....	4 000 00
5. Department of Entomology, remodeling and laboratory equipment for Room 311 Harker Hall.....	4 160 00
6. Library of Medical Sciences, Chicago Professional Colleges, for budgetary deficiencies.....	4 000 00
7. Chicago Undergraduate Division Library, acquisition of books and periodicals.....	3 000 00
8. Urbana Library, acquisition of books.....	20 000 00
9. Physical Plant Department, removal of diseased trees.....	15 000 00
10. Physical Plant Department, improvement of Lincoln Avenue and Nevada Street.....	16 790 04
11. College of Physical Education, for construction of the Sports Psychology Laboratory and Health, Safety, and Driver Education Laboratory.....	5 380 00
This is supplementary to a previous assignment of \$20,000 made last year of which \$7,500 remains unexpended. It is recommended that the unexpended balance be made available for the project.	
12. Research and Educational Hospitals, installation of security screens.....	3 700 00
<i>Total</i>	<u>\$98 073 04</u>

I concur.

On motion of Mr. Johnston, these appropriations were made by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Swain.

HOUSING CONSTRUCTION PROGRAM

(9) On November 21, 1957, the Board of Trustees authorized the consolidation of six projects into a program to be covered by a single bond issue. The Housing and Home Finance Agency had given preliminary approval to a loan of \$6,828,000 to cover approximately half the cost of the entire program.

After analyzing the enrollment for 1957-58, it was determined that construction of additional units of the Men's Residence Halls, a Graduate Student Residence Hall, and two hundred and fifty apartment units should be deferred, and a revised application was submitted to the Housing and Home Finance Agency for the Central Food Stores Building, the Snack Bar and Service Building in the Men's Residence Halls area, and one hundred and twenty apartment

units. Construction bids for these three projects have been received, and the total project budget is \$3,150,000. The Housing and Home Finance Agency has approved a reservation of funds in the amount of \$1,350,000 but has indicated that it will now approve \$1,525,000 since construction costs are greater than originally estimated. The remainder of the \$3,150,000 will be provided from a public offering of bonds.

The Graduate Student Residence Hall has been resubmitted to the Housing and Home Finance Agency as a separate project. Decision on the time schedule for the Men's Residence Halls and two hundred and fifty apartments will be deferred until further studies of enrollment estimates are completed.

The bonds should be sold, if possible, prior to the November meeting of the Board. Accordingly, I recommend: (a) confirmation of the above actions; (b) that the Executive Committee be authorized to sell the bonds to the bidder offering the lowest net interest cost to the University; and (c) that the Executive Committee be authorized to award construction contracts when the bonds have been sold.

On motion of Mr. Bissell, these recommendations were approved by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Swain.

FINANCING OF CONSTRUCTION OF PARKING LOTS

(10) It is necessary that the Board of Trustees adopt a formal resolution implementing its action of July 29, 1958, authorizing the construction of parking lots on the campus at Urbana-Champaign. The improvements will be financed through a bank loan secured by the University of Illinois Foundation. The Foundation will acquire title to the lots and will lease them to the University until the loan has been paid, when title will revert to the University.

It was anticipated that interest on this loan would be $3\frac{1}{2}$ per cent, but the Foundation has received a ruling from the Bureau of Internal Revenue that interest in its obligations is exempt from federal income tax and as a result the First National Bank of Chicago has agreed to reduce the interest rate on the loan from $3\frac{1}{2}$ per cent to 2 per cent.

Mr. Williamson offered the following resolution and moved its adoption.

Resolution

WHEREAS, this Board of Trustees of the Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, which public corporation is hereinafter referred to as "University," at a regular meeting of this Board of Trustees held on July 29, 1958, approved in principle a parking lot program then outlined to it; and

WHEREAS, pursuant thereto, an agreement was entered into, in the name and on behalf of University under date of October 15, 1958, by the Comptroller and Secretary of University with University of Illinois Foundation, a not-for-profit corporation of the State of Illinois, hereinafter referred to as "Foundation," whereby University agreed to convey the premises therein described to Foundation by good and sufficient Warranty Deed; Foundation agreed to pay to University the sum of \$440,000 upon such transfer of title; Foundation agreed to borrow said sum from the First National Bank of Chicago; Foundation agreed to lease back the properties so sold for an original term extending from the date of transfer of title through June 30, 1959, and automatically renewed for subsequent two-year periods thereafter unless written notice to the contrary from University to Foundation is given sixty (60) days prior to June 30, 1959, or prior to the end of any subsequent biennial period; University agreed to pay to Foundation an annual rental of Ninety Thousand Dollars (\$90,000) payable Forty-Five Thousand Dollars (\$45,000) on April 15, 1959; Forty-Five Thousand Dollars (\$45,000) payable on October 15, 1959; and Forty-Five Thousand Dollars (\$45,000) on each April 15 and October 15 thereafter until Foundation's indebtedness to the First National Bank of Chicago, including interest, incurred for this purpose, has been liquidated; University agreed to keep the parking lots

in good condition and repair; University agreed that in the event of any default by University in the payment of rental all rights of University in and to the premises should terminate; and Foundation agreed that, upon liquidation of its indebtedness to the First National Bank of Chicago incurred for the purpose of this agreement, it would reconvey said property to University by good and sufficient Warranty Deed; and

WHEREAS, pursuant to said agreement:

A. University of Illinois Foundation entered into a loan agreement with the First National Bank of Chicago, dated October 15, 1958, providing for a loan in the sum of \$440,000, secured by serial promissory notes of Foundation bearing maturities and interest at the rates set forth in said loan agreement; a copy of the loan agreement is on file with the Secretary of University;

B. The Comptroller and Secretary of University executed and acknowledged in the name and on behalf of University a Warranty Deed dated October 14, 1958, and delivered it to Foundation on October 15, 1958, conveying to Foundation in consideration of the sum of \$440,000, title to the following described property:

Beginning at a point 345.35' East of and 46.63' S 0° 02' E of the North $\frac{1}{4}$ corner of Section 18, T. 19 N., R. 9 E. of the 3rd P. M., thence S 0° 02' E 747.50'; thence N 89° 58' E 61.00'; thence N 0° 02' W 747.50'; thence S 89° 58' W 61.00' to the place of beginning, said tract containing 1.05 acres more or less, and all situated in the City of Urbana, County of Champaign, State of Illinois;

Also, beginning at a point 170.23' North of and 27.79' S 89° 59' E of the SW corner of the SE $\frac{1}{4}$ of Section 7, T. 19 N., R. 9 E. of the 3rd P. M., thence North 69.07'; thence S 89° 49' E 73.47'; thence N 0° 08' W 78.52'; thence S 89° 45' E 285.08'; thence S 0° 20' W 51.21'; thence S 89° 46' E 86.54'; thence S 0° 01' W 43.18'; thence N 89° 59' W 110.09'; thence S 0° 01' W 38.20'; thence N 89° 59' W 5.72'; thence N 0° 01' E 2.50'; thence N 89° 59' W 30.78'; thence S 0° 01' W 2.50'; thence N 89° 59' W 8.50'; thence S 0° 01' W 14.00'; thence N 89° 59' W 49.30'; thence N 0° 01' E 3.00'; thence N 89° 59' W 54.22'; thence S 0° 01' W 2.80'; thence N 89° 59' W 46.63'; thence N 0° 01' E 8.55'; thence N 89° 59' W 53.16'; thence S 0° 01' W 8.48'; thence N 89° 59' W 86.84' to the place of beginning, said tract containing 1.11 acres more or less, and all situated in the City of Urbana, County of Champaign, State of Illinois;

Also, beginning at a point 381.14' North of and 421.33' East of the SW corner of the SE $\frac{1}{4}$ of Section 7, T. 19 N., R. 9 E. of the 3rd P. M., thence N 0° 11' E 391.56'; thence S 89° 49' E 51.00'; thence S 0° 11' W 195.88'; thence N 89° 49' W 16.00'; thence S 0° 11' W 16.89'; thence S 89° 49' E 16.00'; thence S 0° 11' W 178.79'; thence N 89° 49' W 51.00' to the place of beginning, said tract containing 0.452 acres more or less, and all situated in the City of Urbana, County of Champaign, State of Illinois;

Also, beginning at a point 30.24' South of and 51.58' S 89° 37' E of the intersection of the centerlines of Gregory Drive and South Fourth Street, thence S 0° 03' W 52.74'; thence S 89° 57' E 17.50'; thence N 0° 03' E 7.98'; thence S 89° 37' E 240.58'; thence N 0° 28' E 44.75'; thence N 89° 37' W 258.38' to the place of beginning, said tract containing 0.274 acres more or less, and all situated in the City of Champaign, County of Champaign, State of Illinois;

Also, beginning at a point 30.24' South of and 317.93' S 89° 37' E of the intersection of the centerlines of Gregory Drive and South Fourth Street, thence S 0° 23' W 67.75'; thence S 89° 37' E 205.51'; thence N 0° 23' W 67.75'; thence N 89° 37' W 205.51' to the place of beginning, said tract containing 0.32 acres more or less, and all situated in the City of Champaign, County of Champaign, State of Illinois;

Also, beginning at a point 397.62' South of and 46.03' S 89° 35' E of the intersection of the centerlines of Gregory Drive and South Fourth Street, thence North 51.64'; thence S 89° 33' E 261.81'; thence S 0° 24' W 51.44'; thence N 89° 35' W 261.38' to the place of beginning, said tract containing

0.310 acres more or less, and all situated in the City of Champaign, County of Champaign, State of Illinois;

Also, beginning at a point 86.59' South of and 32.46' S 89° 57' W of the intersection of the centerlines of West Oregon Street and South Mathews Avenue, thence S 89° 57' W 97.94'; thence N 0° 56' E 111.09'; thence S 88° 58' E 40.99'; thence N 0° 57' E 118.92'; thence N 89° 20' W 14.51'; thence N 1° 04' E 37.63'; thence N 89° 20' W 23.59'; thence N 0° 59' E 90.38'; thence S 89° 03' E 88.72'; thence S 0° 03' E 355.99' to the place of beginning, said tract containing 0.653 acres more or less, and all situated in the City of Urbana, County of Champaign, State of Illinois;

Also, beginning at a point 783.35' South of and 31.83' S 89° 51' E of the intersection of the centerlines of West Oregon Street and South Mathews Avenue, thence N 0° 07' E 152.25'; thence S 89° 51' E 139.00'; thence S 0° 07' W 152.25'; thence N 89° 51' W 139.00' to the place of beginning, said tract containing 0.49 acres more or less, and all situated in the City of Urbana, County of Champaign, State of Illinois;

Also, beginning at a point 256.30' South of and 55.50' N 89° 24' W of the NE corner of Section 24, T. 19 N., R. 8 E. of the 3rd P. M., thence N 89° 24' W, 256.15'; thence South 641.56'; thence S 89° 34' E, 256.39'; thence North 640.86' to the place of beginning, said tract containing 3.77 acres more or less, and all situated in the City of Champaign, County of Champaign, State of Illinois;

Also, beginning at a point S 89° 22' W, 742.19', measured along the centerline of Florida Avenue, and S 0° 34.9' W, 55.00' from the NE corner of Section 19, T. 19 N., R. 9 E. of the 3rd P. M., thence S 89° 22' W, parallel to the centerline of Florida Avenue, 387.50', thence S 0° 34.9' W 409.75', thence N 89° 22' E 387.50', thence N 0° 34.9' E 409.75' to the point of beginning, said tract containing 3.64 acres more or less, and all situated in the County of Champaign, State of Illinois,

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 action taken in the name and behalf of said public corporation by its Comptroller and Secretary in entering into and the execution of said Agreement dated October 15, 1958, with Foundation providing for the parking lot financing program; the execution, acknowledgment and delivery of said Warranty Deed dated October 14, 1958, conveying the hereinabove described premises to Foundation; the acceptance and receipt of said sum of Four Hundred Forty Thousand Dollars (\$440,000) in consideration for said Warranty Deed; the entering into and execution of said Lease dated October 15, with Foundation providing for the leasing of the hereinabove described premises; and other actions taken in the name and on behalf of said public corporation by its Comptroller and Secretary in connection with the parking lot financing program are each and all hereby confirmed and ratified by this Board of Trustees.

This resolution was adopted by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Swain.

ELECTRICAL SERVICE TO THE MEDICAL RESEARCH LABORATORY

(11) The construction of the Medical Research Laboratory building has progressed to the point where it is now necessary to make arrangements with the Commonwealth Edison Company for the supplying of electrical service to the building.

The University should take advantage of the lower rates available under the "multiple service and combined billing" arrangement previously approved by the Board of Trustees for the Chicago Professional Colleges campus (Minutes, July 25, 1950, page 25). Certain items of underground and vault equipment required to furnish service under this arrangement must be supplied by the Commonwealth Edison Company at a cost to the University of \$7,609. This cost will be amortized at the lower rate in approximately three years.

In addition, the University will be obligated for meter and transformer rental for this building at a cost of \$710.95 a month. The rental cost is the amount that the University would pay even if it were not taking advantage of the "multiple service and combined billing" arrangement.

Funds are available in the state capital appropriation for the construction of the building for the payment of \$7,609, covering the additional facilities, and in the operating budget of the Physical Plant Department for the payment of meter rentals.

Accordingly, the Director of the Physical Plant and the Vice-President and Comptroller recommend that agreements be entered into with the Commonwealth Edison Company to provide for the installation of the underground and vault equipment and cables necessary to furnish service under the proposed arrangement.

Approval is also recommended for the meter and transformer rentals of \$710.95 a month.

I concur and recommend that the Comptroller be authorized to execute the necessary agreements after approval by the Legal Counsel.

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

ADDITION TO CONTRACT FOR MEDICAL RESEARCH LABORATORY

(12) The Director of the Physical Plant, the Vice-President and Comptroller, and the Vice-President in charge of the Chicago Professional Colleges recommend an increase of \$5,774 in the contract with the George Sollitt Construction Company, 109 North Dearborn Street, Chicago, Illinois, for the construction of the Medical Research Laboratory on the Chicago Professional Colleges campus.

The work will consist of changes resulting from redesign of the area to house X-ray equipment, mainly increases in the capacity of the electrical feeders and protective and switching equipment. The Laboratory was originally designed to provide service for the present X-ray equipment of 200 milliamperes. It was decided that the old machine would not be satisfactory and that a new 500-milliamper machine should be purchased.

Funds are available in the state and federal appropriations for the construction of the Medical Research Laboratory.

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

On motion of Mrs. Watkins, this recommendation was approved.

ADDITION TO CONTRACT FOR FINE AND APPLIED ARTS BUILDING

(13) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$3,356.28 in the contract with Kuhne-Simmons Company, Inc., Champaign, Illinois, to revise the connection to the sanitary sewer at the Fine and Applied Arts Building site.

The contract drawings showed the gravity flow sanitary sewer running under the steam tunnel. Upon excavation it was discovered that the invert elevation of the steam tunnel is lower than the invert elevation of the sanitary sewer, which runs parallel and south of it. Therefore, it is necessary to construct a siphon system and modify a sewer arrangement.

The cost estimates have been checked by the architects and by the Physical Plant Department and found reasonable. Funds are available in the state appropriation for the construction of the Fine and Applied Arts Building.

I concur.

On motion of Mrs. Holt, this recommendation was approved and the Comptroller was authorized to execute the change in the contract.

ADDITIONS TO CONTRACT FOR PHYSICS BUILDING

(14) The Head of the Department of Physics, the Director of the Physical Plant, and the Vice-President and Comptroller recommend additions to the contract with the Mayfair Construction Company, Chicago, for construction of the first unit of the Physics Building, to provide for installation of acoustical ceiling tile and vinyl asbestos floor tile in certain areas at an additional cost of \$11,683.85 and \$6,313.38 respectively.

No provision for floor and ceiling covering was made in the specifications, since these items could be deferred until it was determined that funds would be available in the state appropriation for the construction of the Physics Building.
I concur.

On motion of Mr. Herrick, this recommendation was approved and the Comptroller was authorized to execute the changes in the contract.

FORD FOUNDATION GRANT FOR GRADUATE TRAINING FOR ENGINEERING TEACHERS

(15) The Ford Foundation has made a grant of \$207,000 to the University of Illinois to be used over a period of approximately four years for an experiment in graduate education for potential engineering teachers. This grant has been made in response to a proposal for a fellowship-intern program transmitted by the College of Engineering with the approval of University officials.

The plan in general provides that in each of three years, five two-year fellowships in mechanical engineering and five in electrical engineering for study in the corresponding departments at the University of Illinois will be given to qualified recent graduates who hold Bachelor of Science degrees in engineering and are interested in teaching careers in engineering colleges. The program of study followed will last two years and will include completion of the regular requirements for the Master of Science degree, with special emphasis on the engineering sciences; seminars in education and technology; and experimental teaching under the guidance of a well-qualified and experienced teacher. Approximately \$164,400 of the grant will finance the fellowships and tuition fees; the remaining portion will include funds for two part-time faculty supervisors, stenographic and clerical help, special lecturers, and other expenses incurred in connection with the program.

I have accepted this grant and report it for the record.

This report was received for record.

PURCHASES

Purchase Authorized

(16) The following purchase was approved by the 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 Administration Contracts. The purchase 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.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One spectrophotometer model DU with accessories	International Cooperation Administration Contracts	Fisher Scientific Co. New York, N.Y.	\$5 166 25 f.a.s. New York, N.Y.
One centrifuge, high speed (23,000 r.p.m.), 220 volt, 50 cycle; export packed for ocean shipment			

On motion of Mr. Williamson, this purchase was 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 bid.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One model I-330 International tractor including loader and backhoe with 24 in. bucket; less trade-in allowance for one Ford Model 8N tractor with loader	Institute of Aviation	International Harvester Co., Lincoln	\$3 540 00 f.o.b. delivered
One preparative ultracentrifuge and accessories, consisting of three rotors	Biochemistry	Spinco Division, Beckman Instrument Co., Belmont, Calif.	6 655 00 delivered
One Raytheon ultrasonic impact grinder with tool cone kit, and six lbs. of boron carbide	Control Systems Laboratory	Raytheon Manufacturing Co., Waltham, Mass.	3 016 80 f.o.b. Waltham, Mass.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Development of a prototype line of two millimeter wave equipment	Electrical Engineering	F-R Machine Works, Inc., Woodside, N.Y.	\$69 500 00 (maximum)
One Varian model V-4012-3B twelve-inch laboratory electromagnet	Electrical Engineering	Varian Associates, Palo Alto, Calif.	18 380 00 f.o.b. Palo Alto, Calif.
One model V-2100B regulated magnet power supply for use with the V-4012-3B			
One model V-2101 voltage regulator for use with the V-2100B			
One lot laboratory apparatus and equipment	General Chemical Stores	Schaar & Co., Chicago	14 231 51 f.o.b. Urbana
One electrophoretic apparatus and accessories	Medicine/Surgery	American Hospital Supply Corp., Evanston	3 180 00 delivered
Preparation of sixteen experimental gold and copper base alloys	Physics	Battelle Memorial Institute, Columbus, Ohio	2 700 00 (maximum)
Professional services required 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, clipping service, and mailing material	Extension Service in Agriculture and Home Economics	Newsography-95, Chicago	6 724 00
15 Walnut planters	Housing	Felmley-Dickerson Co., Urbana	4 125 00 f.o.b. delivered
Two rugs, 21 ft. x 27 ft.	Illini Union	Rochelle's, Inc., Chicago	9 252 71 delivered and installed
One rug 21 ft. x 15 ft.			
Three rug runners, 6 ft. x 19 ft. 4 in.			
Two rug runners, 6 ft. x 27 ft.			
One rug runner 6 ft. x 24 ft. 2 in.			
163 1/2 sq. yds., 40 oz. rug pad			
Guided type Venetian blinds to be installed in the Biology Building	Physical Plant	Mackin Venetian Blind Co., Momence	2 948 05 f.o.b. delivered and installed

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

COMPTROLLER'S REPORT OF CONTRACTS

(17) The Comptroller's report of contracts executed during the period September 1 to 30, 1958.

<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 12, 1958
Bethalto Community Unit, District No. 8	School survey	3 250 00	August 18, 1958
Illinois Farm Supply Co.	Improvement of farm tractor maintenance	15 000 00	July 2, 1958
United States Air Force AF 49(638)-466	Study of metal alkyls	24 800 00	September 1, 1958
United States Army DA 19-129-QM-1262	Development of chemical resistant elastomers	25 000 00	August 13, 1958
United States Navy N600(22)-49219	Educational instruction	62 000 00	September 18, 1958
United States Navy Nonr-1834(24)	Action of chemotherapeutic agents	16 493 00	July 1, 1958
United States Navy Nonr-1834(25)	Effect of solute atoms and atmospheres on the susceptibility of subgrain boundaries to corrosion	13 690 00	September 1, 1958
Wisconsin-Minnesota Cooperative Bull Stud Group	Electronic measurement of the motility of the spermatozoa of the bull	15 000 00	July 1, 1958

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.	One No. 45 combine with 10 ft. platform	\$ 503 73 annually	September 3, 1958

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
Eversman Manufacturing Co.	One model No. 329D land leveler with spring-tooth attachment; one No. PD6 ditcher and pan-breaker	\$ 118 10 annually	August 22, 1958

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.	Amino triazole and other compounds as selective weed killers in crops	\$ 1 000 00	July 28, 1958
Bendix Products Division, Bendix Aviation Corp.	Thermal diffusivity and elastic moduli of ceramic-metal combinations	10 749 12	September 23, 1958
Merck and Co., Inc.	Growth stimulants for swine	3 000 00	September 3, 1958
Midwest Dried Milk Co., Inc.	Evaluation of whey products in feed formulas for swine and whey protein evaluation studies with rats	2 600 00	August 25, 1958
Smith, Kline, & French Laboratories	Potential nematocidal compounds	6 000 00	September 23, 1958
State of Illinois, Department of Public Welfare	Child behavior and parent-child interaction patterns	1 300 00	July 1, 1958
Tee-Pak Foundation	Various types of films as retardants to deterioration of meat and meat products	3 500 00	July 24, 1958
United States Army DA-11-022-ORD-1980	Tool flank wear	15 747 00	September 17, 1958
United States Army DA-11-022-ORD-1983	Problems relating to the synthesis of one and two terminal-park networks	15 518 00	September 17, 1958
United States Army DA-11-177-AV-582	Pilot training	7 511 25	July 28, 1958
United States Army DA-49-007-MD-421	Transmission of the common cold under controlled conditions	61 805 00	August 31, 1958
United States Navy Nour-1834(18)	Variety of topics in number theory	12 980 00	August 1, 1958
VioBin Corp.	Nutritive evaluation of defatted fishmeal for swine	1 500 00	September 1, 1958

Adjustments Made in 1958-59 Cost-Plus Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Twelve items: \$30.00 to \$1,983.00	\$ 3 217 00	August and September, 1958

This report was received for record.

DIRECTOR OF CONTROL SYSTEMS LABORATORY

(18) The Dean of the College of Engineering recommends the appointment of Dr. Daniel Alpert, Research Professor in Physics and Technical Director of the Control Systems Laboratory, as Research Professor on indefinite tenure and Director of the Control Systems Laboratory beginning July 1, 1959, at an annual salary of \$20,000 on "Y" basis. The appointment as Director will be on a year-to-year basis, the initial appointment to be for the two months beginning July 1.

The Vice-President and Provost and the Dean of the Graduate College concur in this appointment which is to replace Professor F. W. Loomis who will retire as Director at the end of the current fiscal year.

I recommend approval.

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

Vice-President and Provost Ray presented a statement concerning the services of Professor Loomis.

On motion of Mrs. Watkins, the Secretary was requested to convey to Professor Loomis an expression of the Board's appreciation of his distinguished services.

BUILDING PROGRAM FOR 1959-61

Mr. Williamson, for the Committee on Buildings and Grounds, presented the following:

The University's building program for 1959-61 was approved by the Board of Trustees on July 29, 1958, for filing of estimates with the State Department of Finance of the appropriations required for the two years beginning July 1, 1959. State law requires the filing of such estimates not later than November 1. The building program includes a provision of \$3,500,000 for the acquisition of land for the relocation of the Chicago Undergraduate Division, subject to revision of this estimate after final selection of a site.

The report of the Real Estate Research Corporation reduces to four the number of sites under consideration for the Chicago Undergraduate Division. Consultation as to cost and availability of the land necessary for a final selection can not be completed before January, 1959. Since the site decision can not be made until January, it is recommended that dollar estimates of site acquisition costs be excluded from the estimates to be filed with the State Department of Finance, with the statement that this figure will be submitted after final site selection has been made. It is the intention of the Board of Trustees that an estimate will be submitted in time to be included as a part of the regular budget request for capital expenditures for 1959-61.

On motion of Mr. Williamson, the building program for 1959-61 was amended accordingly.

SECRETARY'S REPORTS

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

DEGREES CONFERRED

The Secretary presented for record the following lists of degrees conferred at Urbana on October 15, 1958, and at the Chicago Professional Colleges on the dates indicated.

Summary

Degrees in the Graduate College, conferred at Urbana:

Doctor of Philosophy.....	131
Doctor of Education.....	10
Master of Arts.....	14
Master of Science.....	43
Master of Music.....	3
Master of Education.....	1
Master of Laws.....	1
<i>Total, Graduate College.....</i>	<i>(203)</i>

Degree in Veterinary Medicine, conferred at Urbana:

Bachelor of Science.....	1
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Baccalaureate Degrees, conferred at Urbana:

Bachelor of Science, College of Agriculture.....	1
Bachelor of Science, College of Engineering.....	6
Bachelor of Arts, College of Liberal Arts and Sciences.....	8
Bachelor of Science, College of Liberal Arts and Sciences.....	6
Bachelor of Science, College of Education.....	2
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.....	3
Bachelor of Arts, College of Fine and Applied Arts.....	2
Bachelor of Science, College of Fine and Applied Arts.....	1
Bachelor of Science, College of Physical Education.....	1
Bachelor of Science, Division of Special Services for War Veterans....	1
<i>Total, Baccalaureate Degrees.....</i>	<i>(40)</i>

Total, Degrees Conferred at Urbana..... (244)

Degrees in the Graduate College, conferred at Chicago:	
Master of Science.....	2
Degrees in Dentistry, conferred at Chicago:	
Bachelor of Science.....	52
Doctor of Dental Surgery.....	6
Total, Dentistry.....	(58)
Degrees in Medicine, conferred at Chicago:	
Bachelor of Science.....	168
Total, Medicine.....	(168)
Degrees in Nursing, conferred at Chicago:	
Bachelor of Science.....	17
Degrees in Pharmacy, conferred at Chicago:	
Bachelor of Science.....	7
Total, Degrees Conferred at Chicago.....	(252)
Total, Urbana and Chicago.....	496

Degrees Conferred at Urbana

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Accountancy

- BILLY LEE BARNES, B.S., Austin College, 1947; M.B.A., Texas Christian University, 1949
 WERNER GEORGE FRANK, A.B., M.B.A., University of Chicago, 1950, 1952
 ROBERT GENE STEVENS, B.S., Southern Illinois University, 1951; M.S., 1954

In Agricultural Economics

- ALBERT ESTERN DRAKE, B.S., M.S., University of Kentucky, 1950, 1951
 MARTIN VEIKKO WAANANEN, B.S., Michigan State College, 1950; M.S., 1952

In Agronomy

- LINDO JOSEPH BARTELLI, B.S., M.S., Michigan State University, 1940, 1952
 JOSEPH STEPHAN KAHN, B.S., University of California (Berkeley), 1955
 LOWELL DAVIS OWENS, B.S., University of Nebraska, 1952; M.S., Michigan State University, 1955

In Animal Nutrition

- LONNIE ROSS HACKLER, B.S., Oklahoma Agricultural and Mechanical College, 1955; M.S., 1957

In Animal Science

- NEIL WRIGHT BRADLEY, B.S., M.S., University of Kentucky, 1952, 1956

In Bacteriology

- ROBERT EUGENE COLLIER, B.S., M.S., University of Oklahoma, 1949, 1950
 EDWARD STANLEY KOS, B.S., Loyola University, 1950; M.S., Marquette University, 1952

In Biophysics

- THOMAS TURPIN BANNISTER, B.S., Duke University, 1951; M.S., 1953

In Business

- FRANK GORDON COOLSEN, B.S., Northwestern University, 1937; M.S., 1942
 GEORGE EDWARD HARTMAN, B.S., University of Kansas, 1950; M.B.A., Indiana University, 1951.

In Chemical Engineering

- CHARLES RICHARD CUPIT, B.S., Mississippi State College, 1954; M.S., 1956
 YIH YUN HSU, B.Sc., National Taiwan University, 1954; M.S., 1957

In Chemistry

JAY DONALD ALBRIGHT, B.S., Elizabethtown College, 1955
ROBERT LEE ALBRIGHT, B.S., Elizabethtown College, 1954
KENNETH DARRELL BERLIN, A.B., North Central College, 1955
RICHARD WILLIAM BURG, A.B., Wabash College, 1954
HAROLD FRANCIS CRANDALL, B.S., M.S., University of Maine, 1950, 1952
EDWARD GEORGE DANIELS, A.B., DePauw University, 1954
ROBERT KARL GHOLSON, A.B., University of Chicago, 1950; B.S., 1955
GYNITH COLLEEN GIFFIN, B.S., M.S., University of Wichita, 1953, 1955
LOUIS RAYMOND HAEFELE, B.S., University of Notre Dame, 1954
WILLIAM BRIAN HILL, A.B., DePauw University, 1954
RICHARD MASAYOSHI IKEDA, B.S., Juniata College, 1955
LAYLIN KNOX JAMES, JR., B.S., M.S., University of Michigan, 1950, 1952
MALCOLM LAWRENCE JUDD, B.S., Allegheny College, 1954
EZIO ANTHONY MOSCATELLI, A.B., Columbia University, 1948; M.S., 1949
ROBERT ELWOOD OBER, B.S., M.S., Ohio State University, 1953, 1955
WILLIAM ALAN REMERS, B.S., Massachusetts Institute of Technology, 1954
WILLIAM HARRY RICHARDSON, B.S., University of California (Los Angeles), 1955
JOHN PAUL SCHAEFER, B.S., Polytechnic Institute of Brooklyn, 1955
CHARLES DAVID SCHMULBACH, B.S., 1951
ROBERT GEORGE SCHULTZ, B.S., Massachusetts Institute of Technology, 1954
CHARLES WILLARD SHUSTER, A.B., A.M., Duke University, 1952, 1955
JAMES HOWARD SLONEKER, B.S., Illinois State Normal University, 1954
DORIAN SEVCIK SMITH, B.S., Illinois State Normal University, 1953; M.S., 1956
CLARENCE ORADIAH STEVENS, A.B., Blackburn College, 1954
RITA MARLENE UZNANSKI, A.B., Rosary College, 1954
PHILLIP GLENN WAHLBECK, B.S., 1954
JAMES DUDLEY WINEFORDNER, B.S., M.S., 1954, 1955
PETER WING KEE WOO, B.S., Stanford University, 1955

In Civil Engineering

ROBERT ALEXANDER COLLINS, B.A.Sc., University of Toronto, 1954; M.S., 1955
JOSHUA LEVERING MERRITT, JR., B.S., Lehigh University, 1952; M.S., 1955
GOVINDAPPA NALLAKRISHNAN, Licentiate (Civil Engineering), College of Engineering (Madras), 1950; M.S., 1955
RODNEY HOWE SMITH, B.S., United States Military Academy, 1953; M.S., 1957

In Communications

ELEANOR BLUM, A.B., Mississippi State College, 1930; B.S., Columbia University, 1936; M.S., 1947
GORDON MERLE KESWICK, B.S., 1949
HUGH WILLIAMS SARGENT, A.B., Shurtleff College, 1936; A.M., 1937

In Dairy Science

MICAH ISAAC KRICHEVSKY, A.B., University of Connecticut, 1952; M.S., 1955
EMMETT EZEKIEL ORMISTON, B.S., M.S., 1935, 1937

In Economics

ROBERT LEE RANDOLPH, A.B., DePauw University, 1948; M.S., 1954

In Education

HERBERT FREDERICK BOYD, B.S., M.S., 1949, 1950
ROBERT HARRIS DEZONIA, B.S., A.M., Memphis State College, 1951, 1955
MITAT AHMET ENC, B.S., A.M., Columbia University, 1938, 1939
ROBERT HUGH ENNIS, A.B., University of Wisconsin, 1950; A.M., New York University, 1951
LORENE CHILDS QUAY, A.B., Southwestern Louisiana Institute, 1951; A.M., Florida State University, 1952
MOHAMMED YOUNUS QUERESHI, A.B., University of Panjab, 1949; A.M. (Education), A.M., (Psychology), 1954, 1957

HELEN IRENE SNYDER, B.S., Kansas State Teachers College, 1947; A.M., Colorado State College, 1950
WILLIAM GEORGE WALKER, A.B., A.M., University of Sydney, 1952, 1955

In Electrical Engineering

EDGAR CLAY HAYDEN, B.E.E., Ohio State University, 1943; M.S., 1952
TUCK HOP LEE, B.S., State University of Iowa, 1949; M.Eng., Yale University, 1950
PLESSA EDWARD MAST, B.S., M.S., Purdue University, 1948, 1950
WALTER LEROY WEEKS, B.S., University of Michigan, 1947; M.S., Michigan State University, 1949
LING YUN WEI, B.S., National Northwestern College of Engineering (China), 1942; M.S., Chiao Tung University, 1946; M.S., 1949

In English

JOHN EDGAR DUSTIN, A.B., A.M., Washington University, 1947, 1948; M.S., 1952
JOHN DENNY FISCHER, A.B., St. Ambrose College, 1953; A.M., 1954
SONIA MILLER, A.B., 1933; A.M., Middlebury College, 1942
AHMAD HASAN QURESHI, A.B., Government College (Ludhiana), 1945; A.M., Government College (Lahore), 1949; A.M., 1955

In Entomology

WILLIAM KERLIN DELAPLANE, JR., B.S., Purdue University, 1938; A.M., University of Missouri, 1940

In Food Technology

KARAKIAN BEDROSIAN, B.S., University of Massachusetts, 1954; M.S., Cornell University, 1956
HORACE DELBERT GRAHAM, B.S., McGill University, 1950; M.S., Michigan State University, 1952
VENKATACHALAM RAMANATHAN, B.S., University of Travancore, 1951; B.S. (Tech.), University of Bombay, 1953

In French

JAY PAUL MINN, A.B., DePauw University, 1947; A.M., 1948

In Geography

RONALD MURRAY BEVERIDGE, A.B., Harvard University, 1949; A.M., 1951
JAMES EDWARD PATTERSON, A.B., Michigan State University, 1942; A.M., 1951

In Geology

JAMES WATSON BAXTER, B.S., M.S., University of Arkansas, 1950, 1952
FREDERICK WILLIAM CROPP III, A.B., College of Wooster, 1954; M.S., 1956
JOHN KERBY ECCLES, B.S., University of Manitoba, 1951; M.S., Washington State College, 1954
FLOYD MICHAEL WAHL, A.B., DePauw University, 1953; M.S., 1957

In German

ERWIN WILLIAM GOESSLING, A.B., 1938; A.M., Tulane University, 1939

In History

JOHN RAATJES, A.B., Roosevelt College, 1952
GUNTHER ERIC ROTHENBERG, B.S., 1954; A.M., University of Chicago, 1956
NATHAN SMITH, A.B., Roosevelt University, 1951; A.M., 1952
ALTHEA LUCILLE STOECKEL, A.B., Shurtleff College, 1942; A.M. (Education), A.M. (History), 1948, 1949
DAVID ASHER WAAS, B.S., Manchester College, 1947; A.M., 1949

In Horticulture

WILLY MASAO IRITANI, B.S., University of Minnesota, 1951; M.S., University of Idaho, 1953

In Mathematics

MARVIN ISADORE KNOFF, B.S., A.M., 1954, 1955

RALPH NEWELL TOWNSEND, B.S., Illinois Wesleyan University, 1953; M.S., 1955

In Metallurgical Engineering

JOSEPH BRANCH DARBY, JR., B.S., College of William and Mary, 1948; B.S., Virginia Polytechnic Institute, 1951; M.S., 1955

In Philosophy

MARVIN LEON EASTERLING, A.B., Greenville College, 1946; A.M., 1947

In Physical Education

LAWRENCE ARTHUR GOLDING, B.S., M.S., 1950, 1953

HAROLD PARK WELLS, B.S., Springfield College, 1948; M.S., 1950

In Physics

THEODORE GRANT CASTNER, JR., B.Eng.Phys., Cornell University, 1953; M.S., 1955

DANIEL LORENZO DECKER, B.S., M.S., Brigham Young University, 1953, 1955

DANIEL MORDECAI GREENBERGER, B.S., Massachusetts Institute of Technology, 1954; M.S., 1956

HAROLD RALPH LEWIS, JR., A.B., B.S., University of Chicago, 1951; 1953; M.S., 1955

DAVID WILLIAM LYNCH, B.S., Rensselaer Polytechnic Institute, 1954; M.S., 1955

GEORGE EDWARD MODESITT, B.S., M.S., 1951, 1951

ROY NORMAN PEACOCK, A.B., A.M., University of Oregon, 1952, 1953

In Physiology

LLOYD MILLER BARR, B.S., University of Chicago, 1954; M.S., 1956

NORMAN MELTZER, B.S., Roosevelt College, 1950; M.S., 1953

CORWIN MORRIS MOKLER, A.B., Colorado College, 1950; M.S., University of Nevada, 1952

In Plant Pathology

HUGH LENOIR POTE, A.B., University of Denver, 1950; M.S., Colorado State University, 1955

In Political Science

GEORGE FIGURES BRASINGTON, JR., A.B., A.M., Emory University, 1947, 1948

CHARLES ADRIAN JOINER, A.B., A.M., Southern Illinois University, 1954, 1955

FREDERICK CHARLES SPIEGEL, B.S., M.S., Illinois State Normal University, 1949, 1950

In Psychology

DAVID ASDOURIAN, A.B., City College of New York, 1954

WILLIAM FREDERICK CROWDER, A.B., A.M., State University of Iowa, 1949, 1950

DAVID JAMES FITCH, B.S., Iowa State College, 1951

GARLIE ALBERT FOREHAND, JR., A.B., University of Richmond, 1954; A.M., 1956

THEODORE ROBERT HUSEK, A.B., 1953

EDWARD ROBERT OSTRANDER, A.B., Syracuse University, 1950; A.M., 1951

HERBERT MARTIN RABIN, A.B., Los Angeles State College of Applied Arts and Sciences, 1952; A.M., 1956

EDWARD ERNEST WARE, A.B., A.M., University of Richmond, 1952, 1954

JOSEPH ROBERT WILLIAMS, B.Ed., Southern Illinois University, 1934; A.M., 1937

In Sociology

MELVIN THEODORE BOBICK, A.B., A.M., 1948, 1952

HYMAN HENRY FRANKEL, B.S., M.S., 1947, 1948

JOHN CAMPBELL OSOINACH, B.S., Cornell University, 1940; A.M., 1953
 ARNOLD ANTHONY SIO, A.B., Beloit College, 1944; A.M., University of Chicago, 1946; A.M., 1950

In Speech

WILLIAM ROSS CARMACK, JR., A.B., Abilene Christian College, 1951; A.M., Florida State University, 1953
 LUCILLE MARIE MAGNON, A.B., Southwestern Louisiana Institute, 1950; A.M., 1951
 DAVID BOYD STROTHER, A.B., Georgetown College, 1950; A.M., Northwestern University, 1951

In Theoretical and Applied Mechanics

ROBERT WESLEY SHREEVES, B.S., Drexel Institute of Technology, 1954; M.S., 1956

In Zoology

CHARLES LORING BURGER, JR., B.S., M.S., 1950, 1951
 DAVID LEE LANGEBAEDEL, A.B., M.S., 1950, 1951
 LESLIE GERARD SWARTZ, B.S., M.S., 1953, 1954
 GEORGE CURTISS WEST, A.B., Middlebury College, 1953; M.S., 1956

Degree of Doctor of Education

In Education

INDIMIUN DANIEL BAKER, B.S., Greenville College, 1933; M.S., 1940; Ed.M., 1947
 FERHA BALKIS BAYMUR, A.M., University of Chicago, 1953
 MYRON ROY BLEE, B.Ed., Northern Illinois University, 1938; A.M., 1939
 JOHN WESLEY BROEDEL, B.S., M.S., Indiana State Teachers College, 1950, 1956
 PRISCILLA JACOBS ECCLES, B.S., M.S., 1947, 1952
 RALPH JOHN ERICKSON, A.B., Concordia College, 1941; A.M., University of Minnesota, 1951
 LLOYD HUGO HEIDGERD, A.B., Oberlin College, 1941; A.M., Columbia University, 1948
 FRANK CHANNING NOBLE, JR., B.S., Northern Illinois University, 1951; Ed.M., 1952
 ROBERT FRANKLIN SEAMAN, B.S., A.M., 1947, 1949

In Music Education

GLEN WILLIAMS RIGGIN, B.S., Northwestern State College, 1940; A.M., New York University, 1949

Degree of Master of Arts

In Economics

RONALD FRANK KORNELL, A.B., 1957
 OSCAR ANTHONY POLI, A.B., St. Peter's College, 1957
 FRANK GEORGE STEINDL, A.B., DePaul University, 1957
 DONALD WILLIAM WAND, A.B., Loras College, 1954

In Education

RONALD WILLIAM ADY, A.B., Northwestern University, 1956
 MALCOLM SKILBECK, A.B., University of Sydney, 1955

In History

PETER JOHN KING, A.B., University of Cambridge, 1957
 KEITH LAVERNE SPRUNGER, A.B., Wheaton College, 1957
 JOHN THOMAS TREDWAY, A.B., Augustana College, 1957

In Labor and Industrial Relations

JAMES EDWARD POWERS, B.S., Northern Illinois University, 1957

In Philosophy

KENNETH RONALD PAHEL, A.B., Rollins College, 1957

In Political Science

HENRY JULIUS TEUNE, A.B., Central College (Iowa), 1957

In Sociology

WILLIAM BASIL STROYEN, A.B., Rutgers University, 1953

In the Teaching of English

JOSEPHINE SHELIA KNOPP, A.B., 1956

Degree of Master of Science*In Accountancy*

MOHAMED NASR HABIB EL-HAWARY, B.Com., Cairo University, 1949
GARY ROBERT WEST, A.B., Aquinas College, 1957

In Agricultural Economics

GERALD DEAN GLASCO, B.S., Southern Illinois University, 1957
ORVAL GUY KERCHNER, B.S., 1954

In Agricultural Engineering

WARREN SMICK HARRIS, B.S., 1949

In Agronomy

SAMUEL GRANT CARMER, B.S., Cornell University, 1954
PAUL EUGENE RIEKE, B.S., 1956
SCOTT MAXFIELD SAVAGE, B.S., Brigham Young University, 1956

In Bacteriology

LUBELLE BOICE, B.S., Stanford University, 1955
RAMON DON HAMILTON, B.S., University of Detroit, 1954

In Chemical Engineering

ARNOLD HERSHMAN, B.S., Case Institute of Technology, 1956
PERTTI JOHANNES KORPI, M.S., Finland Institute of Technology, 1956

In City Planning

ROBERT CHARLES EINSWEILER, B.S., 1953

In Civil Engineering

JOHAN ANTON FRIEDERICY, B.S., Swarthmore College, 1955
JORGE PRINCE ALFARO, Civil Eng., University of Mexico, 1953

In Dairy Science

ROGER GORWYN KINGWILL, B.S., The University of Reading, 1956
BERT WESTON LARK, B.S., University of Rhode Island, 1953

In Dairy Technology

POUL MARTIN TROST HANSEN, B.S., Royal Veterinary and Agricultural College
(Denmark), 1956

In Economics

VIVIAN ALINE LEASURE HOPKINS, B.S., 1926

In Finance

GROVES JEROME BYERS, A.B., St. Mary's University (San Antonio, Texas), 1955
 CHARLES ANTHONY D'AMBROSIO, B.S., Loyola University, 1955
 GLEN IVAN ROTHBART, B.S., 1957

In Food Technology

KENNETH EDWARD SCHROEDER, B.S., 1957

In Geology

JOHN ELMER STONE, A.B., Ohio Wesleyan University, 1953
 FRANK BETHEL TITUS, JR., B.S., University of Redlands, 1952
 VALENTINE EDWARD ZADNIK, A.B., Western Reserve University, 1957

In Horticulture

JUDITH KETLEY KINGWILL, B.S., The University of Reading, 1957

In Library Science

RODNEY JOE FERGUSON, A.B., Wabash College, 1947
 CONSTANCE CLARE JANSSEN, B.Mus., M.Mus., American Conservatory of Music,
 1938, 1941

In Management

SHERWOOD GEORGE HUNERYAGER, B.S., 1956
 ROBERT WENDELL SCHRADER, B.S., 1954

In Marketing

WARD HUBBARD CASPER, A.B., Elmhurst College, 1954

In Mechanical Engineering

JASPER RICHARD WRIGHT, B.S., Tennessee Polytechnic Institute, 1955

In Physical Education

RICHARD MORTIMER KING, B.S., Springfield College, 1957
 JACOB WILLEM PASSELIMA, Diploma, Academy for Physical Education (Indonesia), 1954
 CARL NORMAN SEXTON, B.S., Eastern Illinois University, 1953

In Physiology

JEANNE NELSON DIAL, B.S., 1956

In Plant Pathology

ROBERT THOMAS GUDAUSKAS, B.S., Eastern Illinois University, 1956

In Radio and Television

GERALD JAMES CASHMAN, B.S., 1957

In Theoretical and Applied Mechanics

FREDERICK NORMAN KRULL, B.S., University of Wisconsin, 1954
 ALAN SELLAR ROSS, B.S., 1957

In Veterinary Medical Science

JESSE RONALD PICKARD, B.S., 1940; D.V.M., Kansas State College, 1945
 ROBERT LEE SCHRICKER, D.V.M., Iowa State College, 1952

Degree of Master of Music

PATSY ESTELL GUTOR, B.Mus., Baylor University, 1955
 DONALD VERNON PASCHKE, B.S., B.Mus., 1957, 1957
 PATRICIA ANN PRICE, B.Mus., College of Puget Sound, 1956

Degree of Master of Education

BLANCHE STOAFAER, B.S., 1945

Degree of Master of Laws

FREDERICK LEE MANN, B.S., LL.B., 1955, 1957

COLLEGE OF AGRICULTURE**Degree of Bachelor of Science**

In Agriculture

BENJAMIN RALPH FINNEY

COLLEGE OF ENGINEERING**Degree of Bachelor of Science**

In Aeronautical Engineering

ROSS MURRAY BLUMENFELD

ELDON BOYD MCKINNEY

In Civil Engineering

OSCAR GUTIERREZ DE PIÑERES

BENNETT JAMES VASEY

In Mechanical Engineering

RICHARD PIERRE REYSA

RONALD GLENN WESTBROOK

COLLEGE OF LIBERAL ARTS AND SCIENCES**Degree of Bachelor of Arts**

In Liberal Arts and Sciences

LESLIE JACK DROSSMAN

MIRIAM MUELLER HUGHBANKS

RICHARD WARREN ERKES

JAMES PATRICK KELLY, JR.

CHRISTA SCHNEIDER HAISTY

JOAN FLORENCE WETZEL

CAROL ADELINE HICKMAN, Honors in
Liberal Arts and Sciences

In the Teaching of Social Studies

RICHARD JAMES MASKOFF

Degree of Bachelor of Science

In Liberal Arts and Sciences

JON LOWELL CROMLEY

IRWIN SCHILLER

CHARLIE MOON CHEONG KOO

ALFRED ANTHONY SERRITELLA

In Physics

LENA CHANG

In Speech Correction

JOAN MAKOUTZ CORNELIUS

COLLEGE OF EDUCATION**Degree of Bachelor of Science**

In Elementary Education

GEORGIA MAE DOAK

In Industrial Education

WAYNE LEE WEBB

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION**Degree of Bachelor of Science***In Accountancy*

FELIKS ZAWADZKI

*In Commerce and Law*MARVIN DAVID MILLS
RONALD LEE PINSKI

RALPH LESLIE STAVINS

In Management

JOHN THOMAS SULLIVAN

In Marketing

WILLIAM SHEFFEY BAILEY

In Secretarial Training

BETTY JANE JURASITZ

CAROL LEA McELHANY

COLLEGE OF JOURNALISM AND COMMUNICATIONS**Degree of Bachelor of Science***In Journalism*

BARBARA ANN KEELER

COLLEGE OF FINE AND APPLIED ARTS**Degree of Bachelor of Architecture**SALVATORE JOSEPH BALSAMO
DONALD LEWIS KUHN

PHILIP JOSEPH LEMBO

Degree of Bachelor of Fine Arts*In Art Education*

YETTA SKOLNICK FREEDMAN, High Honors BERNICE EUGENIA WRIGHT

Degree of Bachelor of Science*In Music Education*

MARY BIDDLE DAVIS, Honors

COLLEGE OF PHYSICAL EDUCATION**Degree of Bachelor of Science***In Physical Education*

JAMES STANFORD SKINNER

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS**Degree of Bachelor of Science**

ALAN BROWNELL JESTER

COLLEGE OF VETERINARY MEDICINE**Degree of Bachelor of Science***In Veterinary Medicine*

ROBERT RIX PENSINGER

*Degrees Conferred at Chicago***GRADUATE COLLEGE****Degree of Master of Science***(Conferred September 20, 1958)**In Biological Chemistry*

NORMAN WALTER GABEL, B.S., 1955

In Physiology

BETSY RASMUSSEN GUYER, B.S., 1948

COLLEGE OF DENTISTRY**Degree of Bachelor of Science in Dentistry***(Conferred June 20, 1958)*

EDWARD ERWIN ARTZ
 RICHARD RUNYAN BAKER
 MARVIN H. BERMAN, A.B., Northwest-
 ern University, 1956
 LEO FRANCIS BIESER
 VICTOR L. BIGFORD, B.S., Emmanuel
 Missionary College, 1955
 GLENN FRANCIS BOAS
 CALVIN WAYNE BORCHARDT, A.B.,
 Northwestern University, 1956
 HUGH DERWARD BURKE
 CHRISTOPHER COSTIS
 JOHN DAVID COUGHLIN
 MARION ROBERT CREED
 RUDOLPH ERMETE DE PALMA, B.S.,
 Roosevelt University, 1951
 HAROLD RUBIN DREEBIN
 ALLEN IRVING DRYSCH
 ROBERT RAY EHRLICH, A.B., Wabash
 College, 1956
 THOMAS EVERETT EMMERING, A.B., 1955
 DONALD CAMERON FINDLAY, A.B., De-
 Pauw University, 1956
 DAVID LESLIE FISHEL
 IRA MITCHELL FLEISCHMAN
 ARTHUR FLICKER, B.S., 1955
 RICHARD ALLEN GLENNER, B.S., Roose-
 velt University, 1955
 DAVID GORDY
 MARVIN GORENBERG
 HELMUT GUSTAVE HABERSTROH
 DONALD FRANCIS HACKMAN
 NORTON JOEL JACOBS

MARVIN CLARENCE JOHNSON
 DON ROBERT JOSEPHSON, B.S., Mon-
 mouth College, 1954
 EDWARD FLORIAN KAMINSKI
 ALAN WARREN KAPLIN
 MICHAEL GEORGE KARAGIANIS, B.S.,
 1956
 JAMES CYRUS KLEIN
 FREDERICK RUDOLPH LINZER
 RICHARD GREY LORD
 ALVIN MEDVIN, B.S., 1955
 WINFIELD CURTIS MORGAN
 JAMES DANIEL MORGANELLI, B.S., Loy-
 ola University, 1951
 ROBERT MERLE MORRIS
 OGDEN NORTON MUNROE
 JOHN PAUL MURRAY
 DAVID SIDNEY PASET
 SIDNEY PESKIN
 WILLIAM SLADE PRUSIN
 JAMES RALPH READER
 ANTHONY LEONARD REINERT, B.S., Loy-
 ola University, 1953
 MAURICE ANTHONY SHIVELY, A.B.,
 Southern Illinois University, 1956
 RODNEY EDWARD SIPPY
 SHERWIN LEROY STRAUSS, B.S., 1955
 SPENCER LEROY TOPPEN, B.S., Univer-
 sity of Wisconsin, 1951
 GERALD ARNOLD ULLMAN
 DONALD DEANE VALENTINE, B.S.,
 Western Illinois University, 1956
 WESLEY KUNITO WATANABE

Degree of Doctor of Dental Surgery*(Conferred July 31, 1958)*

ALLAN FRED GOLDBERG, B.S., 1956

MELVIN PAUL SERED, A.B., Roosevelt
University, 1954; B.S., 1957*(Conferred September 20, 1958)*

JOHN DAVID COUGHLIN, B.S., 1958

RONALD DUANE SZILAGYI

(To Be Conferred December 20, 1958)

JAMES DANIEL MORGANELLI, B.S., Loyola University, 1951; B.S., 1958

COLLEGE OF MEDICINE

Degree of Bachelor of Science in Medicine

(Conferred June 20, 1958)

- HOWARD ALLEN
 FRANK WHITNEY AMES
 EVELYN MAE ANDERSON
 JOHN ALBERT ANDERSON
 JOAN EUNICE ANGERT
 VICTOR ALPHONSE AYDT
 KARL FREDERICK BADER, Jr., A.B.,
 Washington University, 1957
 CHARLES SYDNEY BAKER, B.S., 1952
 PETER NICHOLAS BAKER, B.S., Purdue
 University, 1953
 NOEL MYRON BASS
 LEWELLYN BRINGLE BAYBA
 ROBERT FRANKLIN BERGERON
 PAUL ALLEN BERNS
 BERNARD BLAAUW, B.S., 1956
 MARTIN BERNARD BLUMBERG
 SAUL HERSHEL BORASH, A.B., 1950;
 A.M., University of Chicago, 1952
 STANLEY DEAN BRANDON
 KENNETH DANIEL BRANDT
 DAVID MITCHELL BROWN, B.S., 1956
 CLARA BRUCE, B.S., Roosevelt Univer-
 sity, 1956
 DAVID LIONEL BRUCE
 JERRY LEON BUBRICK, B.S., 1956
 STANLEY MATTHEW BUGAIESKI
 DONALD LEE BUNNELL
 ALLAN BARTLETT CADY
 EDWIN JOSEPH CAREY, B.S., Northwest-
 ern University, 1949
 STANTON MEL CHARNEY
 HERBERT HERSH CIBUL, B.S., 1956
 JAMES GEORGE CLARK
 ANN EFNER CLARKE, B.S., 1955
 HAROLD LEE CONLEY, B.S., Butler Uni-
 versity, 1952
 DANIEL EDWARD CONRAD, B.S., 1956
 RICHARD DEAN CORLEY, D.D.S., 1954
 RICHARD DUANE CORZATT
 JOHN BROOKS COURTRIGHT, B.S., Brad-
 ley University, 1953
 JAMES RUSSELL CREATH
 JACK HENRY CROSBY, A.B., Washington
 University, 1956
 CHARLES SLAUGHT CRUSINBERRY, A.B.,
 Drake University, 1948
 GEORGE EARL D'ASARO
 WARREN DOANE, B.S., 1956
 JOHN ELLISON DYMOND, B.S., 1956
 OCAL EASTHAM, Jr., B.S., 1957
 BERTWIN ELMER EINFALT, A.B., 1957
 LELAND ROBBINS ELLIS, B.S., Purdue
 University, 1956
 EDGAR ALLAN FELDMAN
 VICTOR FRED FELDMAN
 MYRON ABRAHAM FISHER
 STASIA JOANN FRANK
 GERALD SAMUEL FRANKLIN
 RALPH KENRICK FRAZIER, B.S., 1949
 CHARLES ANDREW GILBERT, A.B., De-
 Pauw University, 1956
 THOMAS ROBERT GLATTER, A.B., 1957
 HANNAH GOLDSCHMIDT, B.S., Bradley
 University, 1952
 ARTHUR GOLDSTEIN
 EDWARD CHARLES GOLDSTEIN
 MELVIN JOEL GOLDSTEIN, A.B., 1957
 PAUL HENRY GOLDSTEIN
 RAYMOND MERRILL GOMBERG
 CARL JEFFREY GORDON
 DONALD RAY GORE
 ROBERT GOTTLIEB
 PAUL GUNTHER GOTTSCHALK
 MELTO GOUMAS, B.S., United States
 Naval Academy, 1951
 ALLAN LEE GRAHAM, B.S., D.V.M.,
 1952, 1954
 LAWRENCE HARVEY GRANT, B.S., Brad-
 ley University, 1954
 JAMES VAN GRAY
 RALPH WEBSTER HALE
 ROBERT JAMES HANSCOM
 LARRY KAY HARMAN
 WILLIAM MACK HEBBLE
 WILLIAM FREDERICK HENEERY, B.S.,
 Millikin University, 1954
 JOHN WILLIAM HENGESH
 MELVIN ALLEN HOCH
 ROBERT PEARSON HODAM, A.B., 1955
 GENE OTTO HOERR, B.S., Bradley Uni-
 versity, 1956
 ROGER WALTER HOFMEISTER
 ALAN WILLIAM HOLDERNESS, A.B.,
 University of Michigan, 1956
 JEANETTE JOANNE HOOVER
 SHELDON EUGENE HUFFMAN, A.B.,
 A.M., University of Chicago, 1950,
 1953
 CARL HARRY JOHNER, A.B., Millikin
 University, 1955
 EDMUND FRANCIS KAL
 ARNOLD AARON KAPLAN, B.S., 1955
 ARNOLD MELVIN KAPLAN, B.S., Illinois
 Institute of Technology, 1952
 ROBERT MITCHELL KARNs
 ARWALT PAUL KEHLE, B.S., 1955
 VERNON STUART KENT, A.B., Ohio
 State University, 1956
 RALPH ALBERT KETTELKAMP, A.B., Illi-
 nois College, 1956
 HARVEY EDMUND KNAACK, A.B., Au-
 gustana College, 1956
 DON EDWARD KNAPP
 JAMES JOSEPH KREJCHA
 LEON STUARTE KUHS
 SOLOMAN KUPERMAN, A.B., 1956
 HAROLD CARL LABINSKY
 MARK ALLAN LAKIN
 THOMAS ELLSWORTH LAYMAN

- PETER YULE LEONARDSON, A.B., Augustana College, 1956
 STUART LERMAN
 STUART LEVIN
 JOHN WILLIAM LOCKWOOD, Jr.
 CARROLL OLIVER LOOMIS, B.S., 1951
 GEORGE BAKER LOTT
 JANICE MAE MARY MCGOWAN, B.S., College of St. Teresa, 1950
 LARRY OREN MCKNELLY
 SANFORD BRUCE MER, A.B., 1957
 DONALD ALAN MILLER
 EDWARD IRWIN MILLER, A.B., 1956
 RICHARD ROBERTS MILLER
 LAWRENCE FARRELL MOCK, A.B., Augustana College, 1954
 SHELLEY HENRY NASATIR
 WILMORE NEIDITCH, B.S., D.D.S., 1951, 1953
 ALLAN DAVID NELSON
 JACK DAVID NESTOR
 ROBERT ELLIS NOPAR
 FLORIAN RICHARD NYKIEL, B.S., Illinois Institute of Technology, 1950; M.S., 1956
 JAMES CONRAD OLSON
 ASTA VITALIA PALSHIS
 JOHN ALBIN PETERS
 RICHARD ALLAN PETERSON, A.B., Grinnell College, 1956
 RICHARD LEE PHILLIS
 GEORGE SHERMAN PORTER
 RICHARD JOSEPH POWERS, B.S., 1956
 THOMAS ROBERT PRUSINSKI
 BILLY DEAN REEVES, A.B., Elmhurst College, 1953
 MYRIAM YVONNE RICHARDSON
 FREDERICK ALLEN RICHBURG
 ROBERT LAWRENCE ROCKEY, B.S., 1958
 SEYMOUR ROSEN
 ETHAN BARUCH RUBEN
 EARL ALBERT SABIN
 DAVID LAWRENCE SACKETT, A.B., Lawrence College, 1956
 CHARLES NICHOLAS SALESMAN
 FLORIAN FRANCIS SANDERS
 ROY MILTON SCHAYES
 ROBERT DALE SCHNEIDER
 SHELDON DEWEY SCHWARTZ, B.S., 1955
 THERRON ROBERT SCOBIE
 BRUCE IVAN SHACKTER, A.B., Johns Hopkins University, 1956
 RONALD SHLENSKY, B.S., Purdue University, 1956
 EDWARD GRANT SHORE
 MICHAEL HARRIS SIGBAND, B.S., 1956
 RICHARD DANIEL SPELLBERG, A.B., 1957
 LLOYD LAYTON SPENCER
 RONALD BARRY SPINKA
 GRANT EZRA STEFFEN, B.S., 1954
 FRED W. STORNER, JR.
 CHARLEY WARRNER STOVALL
 JAMES THOMAS STRIPE, A.B., Monmouth College, 1955
 MYRON SUSIN, A.B., Augustana College, 1956
 HERBERT JOSEPH SVAB
 KENNETH FRANCIS SWANSON
 MITCHELL PAUL TARKOFF
 PHILLIP TAXMAN
 DAVID MARVIN TAYLOR
 EDWARD HOWARD THEIS, A.B., Washington University, 1956
 GLEN EDWARD TOMLINSON
 MARILYN RUTH TREACY, B.S., Purdue University, 1954
 MARVIN OTTO TREPTON, A.B., Knox College, 1956
 EDWARD ALEXANDER ULRICH
 ROBERT FRANK UNDERWOOD, A.B., Southern Illinois University, 1953
 ARTHUR BERNARD WAGMAN
 HAROLD NORMAN WALGREN
 MANUEL WARSASKI
 JORDAN DALE WAXMAN, B.S., 1956
 ISAAC WEISZER, B.S., 1956
 STUART DICKINSON WILSON
 ROBERT MCCULLOCH WRIGHT, A.B., Kenyon College, 1956
 WARREN ARTHUR WUNDERLICH
 DAVID YASHON

SCHOOL OF NURSING

Degree of Bachelor of Science in Nursing

(Conferred September 20, 1958)

- PATRICIA KATHRYN COONEY
 JEANETTE CAROL ENGELBRECHT
 JUDITH MAY FLEER
 ANN ELEANOR HUDAK
 JOAN PHYLLIS JURISINIC
 FRANCES LORRAINE LESS
 SANDRA WYSS MATHIS
 JANET MATHENY McLAUGHLIN
 DOLORES CAROL PAULSEN
 VALERIE ANNE PLUTZ
 IRENE EMMA PRIEST
 MARION EUELL SMITH
 MARGARET ELIZABETH WALSH

(To Be Conferred December 20, 1958)

BEVERLY JUNE DAMLER
FLORENCE MUZZARELLI FIESSINGER

ELIZABETH HURLEY STARZYK
JUANITA JEAN STEINMAN

COLLEGE OF PHARMACY

Degree of Bachelor of Science in Pharmacy

(Conferred September 20, 1958)

MARVIN HAROLD GOEKE
DONALD FRANK IGLINSKI
DONN SPENCER NELSON
STANLEY N. ROSEN

WILBUR ANTHONY SCHENK, JR.
JERROLD JOSEPH SCHWARTZ
RUSSELL JOHN VANN

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.)

- ACKERT, HELEN O., Instructor in the School of Nursing, one year from September 1, 1958, \$5370 (9-16-58).
ADAMS, MARY J. N., Research Assistant in Bacteriology, four months from October 1, 1958, \$420 a month (10-3-58).
AGUILAR, VIRGINIA, Research Assistant in Psychiatry (Medicine), one year from September 1, 1958, \$4400 (10-2-58).
AHARONI, AMIKAM, Research Associate in Electrical Engineering (C), one year from September 1, 1958, \$6000 (10-2-58).
AINSWORTH, STANLEY, Research Associate in Botany, one year from September 1, 1958, \$6000, supersedes (9-24-58).
ALLHANDS, JESSIE V., Instructor in Mathematics, September 1, 1958-February 28, 1959, \$433.33 a month (10-2-58).
ARCHER, JANE B., Assistant in Speech, nine months from September 16, 1958, \$4100, supersedes (10-2-58).
ARO, AURELIA M., Instructor in Pharmacognosy (Pharmacy), academic year beginning September 1, 1958, \$4800 (9-25-58).
BAILAR, MRS. FLORENCE L., Instructor in Mathematics, September 1, 1958-February 28, 1959, \$433.33 a month (10-2-58).
BATEMAN, MRS. FELICE D., Assistant Professor of Mathematics, $\frac{3}{4}$ time, September 1, 1958-February 28, 1959, \$350 a month (10-2-58).
BENZIMAN, MOSHE, Research Associate in Chemistry, four months from September 1, 1958, \$447.50 a month (10-7-58).
BERGERON, CLIFTON G., Research Associate in Ceramic Engineering (S), $\frac{3}{4}$ time, September 16, 1958-August 31, 1959, \$5850 a year, supersedes (9-25-58).
BERMAN, DAVID, Instructor in Applied Materia Medica and Therapeutics (Dentistry), one year from September 1, 1958, without salary (10-2-58).
BETSWORTH, BRIAN C., Assistant in the Institute of Aviation, nine months from September 16, 1958, \$4275 (10-2-58).
BETTS, CATHERINE E., Assistant in Music (College of Fine and Applied Arts), $\frac{1}{2}$ time, Research Assistant in Music (Graduate College), $\frac{1}{2}$ time, nine months from September 16, 1958, \$3600 (6-27-58).
BLUEHM, ELAINE A., Research Associate in Anthropology, one year from September 1, 1958, \$5370 (9-20-58).
BOUC, CHARLES, Assistant in General Engineering (Chicago Undergraduate Division), nine months from September 16, 1958, \$4400, supersedes (10-4-58).
BREGMAN, MRS. ELEANOR, Research Assistant in Surgery (Medicine), one year from September 1, 1958, \$4400 (9-17-58).
BRODY, SEYMOUR S., Research Associate in Botany, one year from September 1, 1958, \$6600, supersedes (9-24-58).
BUENO, JOSE G., Research Assistant in Oral Pathology (Dentistry), one year from September 1, 1958, \$4800 (9-17-58).
BUINAUSKAS, PETER, Assistant in Surgery (Medicine), nine months from October 1, 1958, without salary, supersedes (10-2-58).
CARSTENS, H. PAUL, Research Associate in Anatomy (Medicine), one year from September 1, 1958, without salary (9-17-58).
CEDERSTRAND, CARL, Research Assistant in Botany, one year from September 1, 1958, \$5000, supersedes (9-24-58).

- CHANDRASEKHARAPPA, GOWDARA, Research Assistant in Physical Medicine and Rehabilitation (Medicine), eight months from January 1, 1959, \$4400 a year (10-2-58).
- CHEN, HAN-LIN, Assistant in Home Economics (S), one year from September 1, 1958, \$4400 (10-2-58).
- CONRAD, H. EDWARD, Research Associate in Chemistry, one year from July 1, 1958, \$6500, supersedes (9-26-58).
- COTTRELL, FRANCES B., Assistant in Education (University High School), nine months from September 16, 1958, \$4500 (10-2-58).
- CULBERTSON, TOWNLEY P., Research Associate in Chemistry, eleven months from October 1, 1958, \$5370 a year (9-20-58).
- CURTIN, THEODORE W., Assistant Extension Forester, with rank of Instructor (E), one year from September 1, 1958, \$5800, supersedes (9-25-58).
- DASGUPTA, S., Instructor in Electrical Engineering (C), nine months from September 16, 1958, \$4800 (10-3-58).
- DIAL, MRS. JEANNE, Research Assistant in Bacteriology, nine months from October 1, 1958, \$3600 (9-24-58).
- DOEBEL, PAUL J., JR., Associate Director of Housing, eleven months from October 1, 1958, \$9900 a year; for the convenience of the University, he will also be furnished one meal a day while on duty, supersedes (7-28-58).
- EAKIN, FRANZY, Lecturer in Management, $\frac{1}{2}$ time, nine months from September 16, 1958, \$3500 (9-25-58).
- ELMER, CHARLES D., Instructor in Physical Education for Men (Student Rehabilitation Center), one year from September 1, 1958, \$6200, supersedes (9-29-58).
- FANG, FU, Research Assistant in Electrical Engineering (C), one year from September 1, 1958, \$5000, supersedes (10-2-58).
- FARRINGTON, CARL C., Research Assistant in the Digital Computer Laboratory, September 16, 1958-January 31, 1959, \$466.66 a month (9-15-58).
- FEINBERG, RICHARD J., Research Associate in Medicine (Medicine), ten months from September 1, 1958, \$500 a month (10-2-58).
- FERRERA, SALVATORE V., Instructor in Economics (Chicago Undergraduate Division), academic year beginning September 1, 1958, \$4400 (10-2-58).
- FINNEY, JOSEPH C. J., Lecturer in Psychology, with rank of Assistant Professor, one year from September 1, 1958, without salary (9-29-58).
- FLORICA, VINCENT, Research Associate in Physiology, one year from September 1, 1958, \$6000, supersedes (10-2-58).
- FRENCH, MARGARET, Assistant Professor of English, $\frac{1}{3}$ time, to render service during the first semester of the academic year 1958-59, six months from September 1, 1958, \$984 (10-6-58).
- GOLUB, GENE H., Research Assistant in the Digital Computer Laboratory, September 16, 1958-January 31, 1959, \$2400 (9-20-58).
- GONZALEZ, PABLO M., Clinical Assistant in Urology, Department of Surgery (Medicine), one year from September 1, 1958, without salary (9-17-58).
- GRANT, MERVYN S., Research Associate in Chemistry, one year from September 1, 1958, \$5400, supersedes (10-1-58).
- GRAY, MARY T., Research Assistant in the Digital Computer Laboratory, nine months from September 16, 1958, \$3600 (10-7-58).
- GREATHOUSE, TERRY R., Instructor in Animal Science Extension (E), eleven months from October 1, 1958, \$6200 a year (10-2-58).
- GUTOWSKY, HERBERT S., Professor of Physical Chemistry, indefinite tenure beginning September 1, 1958, to render service during each academic year, \$16,000 a year, supersedes (10-2-58).
- HAEGELE, FRED L., Instructor in Agricultural 4-H Club Work (E), one year from September 1, 1958, \$5370 (9-17-58).
- HALSTEAD, BETTY J., Serials Cataloger in the Library, with rank of Instructor, eleven months from October 1, 1958, \$5370 a year, supersedes (9-25-58).
- HART, EMILY S., Research Assistant in Chemistry, one year from September 1, 1958, \$4400 (10-3-58).
- HEBTING, CHARLES F., Instructor in Operative Dentistry (Dentistry), $\frac{3}{5}$ time, one year from September 1, 1958, \$2600 (10-2-58).
- HERUM, FLOYD L., Assistant Professor of Agricultural Engineering, in the Extension Service in Agriculture and Home Economics, $\frac{3}{5}$ time, \$4150, and

- in the Agricultural Experiment Station, $\frac{3}{5}$ time, \$2850, total salary of \$7000, supersedes (9-20-58).
- HESS, HANS-JÜRGEN, Research Assistant in Chemistry, one year from September 1, 1958, \$5000 (9-26-58).
- HOLINGER, PAUL H., Professor of Bronchoesophagology, Department of Otolaryngology (Medicine), 48/100 time, indefinite tenure beginning September 1, 1958, \$5160 a year, supersedes (10-2-58).
- ISSAR, SOHAN LAL, Assistant in Veterinary Research (Agricultural Experiment Station, assigned to Pathology and Hygiene in the College of Veterinary Medicine), $\frac{1}{2}$ time, September 8, 1958-May 31, 1959, \$183.33 a month, and full time for three months from June 1, 1959, \$366.66 a month (9-17-58).
- JANSEN, MATHILDA J., Research Associate in the Institute for Research on Exceptional Children, eleven months from October 1, 1958, \$7500 a year (10-6-58).
- JOHNSON, MARGARET L., Instructor in Medical Social Work (Medicine), October 13, 1958-August 31, 1959, \$5400 a year (10-4-58).
- KAHN, JOSEPH S., Research Associate in Physiology, one year from September 1, 1958, \$5370 (9-24-58).
- KALLINTERIS, DEMETRIUS, Physician in the Health Service (Chicago Professional Colleges), $\frac{1}{5}$ time, September 17, 1958-August 31, 1959, \$160 a month (10-2-58).
- KEELING, HERSCHELL L., Clinical Assistant in Anesthesiology, Department of Surgery (Medicine), one year from September 1, 1958, without salary (9-17-58).
- KENYON, RICHARD J., Research Assistant in Electrical Engineering (S), one year from September 1, 1958, \$4800 (9-25-58).
- KLEIN, KURT, Instructor in French, full time during the first semester, \$450 a month, and $\frac{3}{4}$ time during the second semester, \$300 a month, for the academic year beginning September 1, 1958, supersedes (10-2-58).
- KOCH, HARRIETT B., Instructor in the School of Nursing, $\frac{3}{5}$ time, academic year beginning September 1, 1958, \$3000 (9-17-58).
- KOUSKOLEKAS, COSTAS, Research Assistant in Agricultural Entomology (Agricultural Experiment Station and Illinois State Natural History Survey), $\frac{1}{2}$ time, September 15, 1958-May 31, 1959, \$185 a month, and full time for three months from June 1, 1959, \$370 a month (10-1-58).
- KOVAL, EDWARD J., Instructor in Chemical Engineering, $\frac{1}{2}$ time, academic year beginning September 1, 1958, \$2700 (10-6-58).
- KRIMMER, BURTON M., Clinical Instructor in Ophthalmology (Medicine), one year from September 1, 1958, without salary (10-4-58).
- KUNDRAT, THEODORE V., Instructor in Speech (Chicago Undergraduate Division), $\frac{1}{2}$ time, academic year beginning September 1, 1958, \$2400 (9-24-58).
- LA LONDE, ROBERT T., Research Associate in Chemistry, one year from September 1, 1958, \$5370 (10-2-58).
- LARSEN, ROBERT P., Associate Professor of Psychology, indefinite tenure, and Clinical Counselor in the Student Counseling Service, one year, $\frac{3}{4}$ time, \$6425, from September 1, 1958, supersedes (9-20-58).
- LEFORT, HENRY G., JR., Research Associate in Ceramic Engineering (S), full time from September 1-15, 1958, \$7000 a year, and $\frac{3}{4}$ time from September 16, 1958-August 31, 1959, \$5250 a year, supersedes (9-25-58).
- LEVY, MRS. LUCRETIA, Instructor in Mathematics, $\frac{1}{2}$ time for the first semester of the academic year beginning September 1, 1958, \$233.33 a month (10-2-58).
- LITHERLAND, DOROTHY, Associate Dean of the College of Commerce and Business Administration, $\frac{3}{4}$ time, one year, and Professor of Accountancy, $\frac{3}{4}$ time, indefinite tenure, September 1, 1958, \$11,500 a year, supersedes (9-25-58).
- LIU, JANE S., Microanalyst in Chemistry, September 15, 1958-August 31, 1959, \$4400 a year (10-4-58).
- MACKAY, ROLAND P., Professor of Neurology (Medicine), $\frac{1}{5}$ time, indefinite tenure beginning September 1, 1958, \$2700 a year, supersedes (10-2-58).
- MCALLEESE, DESMOND M., Research Assistant in Animal Science (S), eleven months from October 1, 1958, \$4583.37, supersedes (10-7-58).
- MCFERREN, ROBERT D., Assistant in the Institute of Aviation, nine months from September 16, 1958, \$4800 (9-15-58).

- MELVIN, MRS. GEORGIA-LEE V., Research Associate in Psychology, $\frac{1}{2}$ time, academic year beginning September 1, 1958, \$2250 (9-29-58).
- MERTES, ROBERT A., Assistant in Mathematics (Chicago Undergraduate Division), nine months from September 16, 1958, \$4000 (10-4-58).
- MEYERTHOLEN, MRS. THEODOSIA P., Assistant in Medical Social Work (Medicine), one year from September 1, 1958, \$5000; for her convenience, she will also be furnished one meal a day while on duty (9-19-58).
- MILLER, ELMO E., Research Associate in Psychology, eleven months from October 1, 1958, \$7500 a year (10-2-58).
- MILLER, MRS. MARY A. D., Research Assistant in Chemistry, September 16, 1958-August 31, 1959, \$4400 a year (10-3-58).
- MOELLER, THERALD, Professor of Inorganic Chemistry, indefinite tenure beginning September 1, 1958, to render service during each academic year, \$11,000 a year, supersedes (10-2-58).
- MORONES, BEATRIZ, Research Assistant in Manufacturing Pharmacy (Pharmacy), one year from September 1, 1958, \$5600 (10-2-58).
- MYERS, BASIL R., Instructor in Electrical Engineering (C), $\frac{1}{2}$ time, academic year beginning September 1, 1958, \$3533, supersedes (9-25-58).
- NEWELL, JOHN T., Instructor in Biological Sciences (Chicago Undergraduate Division), academic year beginning September 1, 1958, \$4800 (10-2-58).
- NOBLE, FRANK C., JR., Assistant Professor of Education and Assistant to the Dean of the College of Education, academic year beginning September 1, 1958, \$6150 (10-2-58).
- NONA, DANIEL A., Assistant in Pharmacy (Pharmacy), nine months from September 16, 1958, \$3600, supersedes (9-25-58).
- NOSKER, HERBERT D., Assistant Extension Editor in Agricultural Economics, with rank of Assistant (E), one year from September 1, 1958, \$4800 (10-3-58).
- NOTANI, G. W., Research Assistant in Chemistry, four months from September 1, 1958, \$375 a month (10-7-58).
- NYI, STEVEN H., Clinical Assistant in Surgery (Medicine), one year from September 1, 1958, without salary (9-17-58).
- OBERFELD, BEVERLY, Assistant in English (Chicago Undergraduate Division), September 16, 1958-January 31, 1959, \$444.44 a month (10-7-58).
- ONODA, BRIGHT Y., Clinical Assistant in Anesthesiology, Department of Surgery (Medicine), one year from September 1, 1958, without salary (9-17-58).
- OPPERMANN, MRS. LOIS F., Research Assistant in Chemistry, one year from September 1, 1958, \$4400 (10-3-58).
- PARKS, THOMAS E., Acquisition Assistant in the Library, with rank of Instructor, October 13, 1958-August 31, 1959, \$5370 (9-16-58).
- PATTON, EARL D., Research Associate on the University Council on Teacher Education, $\frac{3}{4}$ time, one year from September 1, 1958, without salary (10-2-58).
- PERKINS, FRANCES, George A. Miller Visiting Lecturer in the Institute of Labor and Industrial Relations and in the Institute of Government and Public Affairs, October 16, 1958-November 20, 1958, \$1700 for the period (10-1-58).
- PETERS, DOYLE B., Assistant Professor of Soils (Agronomy) (S), $\frac{3}{10}$ time, September 21, 1958-August 31, 1959, \$3000 a year, supersedes (10-2-58).
- PETERSEN, ARTHUR S. J., Clinical Associate Professor of Radiology (Medicine), $\frac{2}{3}$ time, indefinite tenure beginning October 1, 1958, \$4160 a year, supersedes (10-2-58).
- PROTEAU, ARTHUR J., Extension Specialist in the Division of University Extension, eleven months from October 1, 1958, \$8000 a year (9-25-58).
- QUERESH, MOHAMMED Y., Assistant in Education, $\frac{1}{2}$ time, and in the Institute for Research on Exceptional Children, $\frac{1}{2}$ time, September 16, 1958-January 31, 1959, \$1912.50 (10-2-58).
- RANSFORD, RALPH E., Instructor in Anatomy (Medicine), $\frac{1}{2}$ time, nine months from October 1, 1958, \$3000 (9-25-58).
- REID, ERNEST A., Professor of Electrical Engineering (C), $\frac{1}{3}$ time, academic year beginning September 1, 1958, \$3000 (9-16-58).
- REINER, MRS. IRMA M., Assistant Professor of Mathematics, $\frac{1}{2}$ time, September 1, 1958-February 28, 1959, \$241.67 a month (10-2-58).
- RENSCH, GLORIA K., Assistant in Art, September 16, 1958-January 31, 1959, \$400 a month, supersedes (10-2-58).

- ROBERTS, ELMER, Professor of Home Economics (C), $\frac{1}{4}$ time, September 16, 1958-January 31, 1959, \$233.33 a month (9-25-58).
- RODDA, ERROL D., Instructor in Agricultural Engineering (C), 65/100 time, one year from September 1, 1958, \$4390 (10-2-58).
- RUDECK, ROLAND, Instructor in Crowns and Fixed Partial Dentures (Dentistry), $\frac{1}{2}$ time, eleven months from October 1, 1958, \$3000 a year, supersedes (10-2-58).
- RUST, VELMA I., Assistant in Education (College of Education and Graduate College), nine months from September 16, 1958, \$4050 (10-2-58).
- SAPORTA, JACK, Research Assistant in Medicine (Medicine), one year from September 1, 1958, \$4400 (10-2-58).
- SCHIEFER, IVAN H., Research Associate in Psychology, three months from September 1, 1958, \$1650 (9-20-58).
- SCHMALZ, GRETCHEN M., Assistant in Occupational Therapy (Medicine), September 15, 1958-August 31, 1959, \$4700 a year (9-17-58).
- SCHUSTER, PAUL W., Lecturer in Public Health, in the Health Services, $\frac{1}{3}$ time, nine months from September 16, 1958, \$2520 (10-2-58).
- SCOUFFAS, ROBERTA, Assistant in English, September 16, 1958-January 31, 1959, \$422.22 a month (10-7-58).
- SEMBA, TAKEHIKO, Research Assistant in Physiology, nine months from September 1, 1958, \$3600 (10-3-58).
- SEN, ARUN KUMAR, Clinical Assistant Professor of Anesthesiology, Department of Surgery (Medicine), $\frac{3}{5}$ time, one year from September 1, 1958, \$3000 (9-17-58).
- SEYMOUR, ROBERT G., Associate Professor of Business Management on indefinite tenure, and Director of the Executive Development Center (Commerce and Business Administration) for one year, from September 1, 1958, \$12,000 a year, supersedes (9-25-58).
- SHERMAN, CARL W., Lecturer in Mining and Metallurgical Engineering (C), 1/10 time, nine months from September 16, 1958, \$1000 (10-2-58).
- SMOLENSKI, STANISLAUS J., Instructor in Pharmacognosy (Pharmacy), one year from September 1, 1958, \$5370, supersedes (9-25-58).
- SOPHIANOPOULOS, ALKIS J., Research Associate in Chemistry, September 16, 1958-August 31, 1959, \$5500 a year (10-2-58).
- STANLEY, SAMUEL L., Visiting Lecturer in Anthropology, September 1, 1958-January 31, 1959, \$2750 (10-2-58).
- STUEBNER, ELAINE A., Instructor in Oral and Maxillofacial Surgery (Dentistry), \$5200, and Clinical Instructor in Surgery (Medicine), without salary, $\frac{4}{5}$ time, one year from September 1, 1958 (9-20-58).
- TADANIER, JOHN, Research Assistant in Chemistry, one year from September 1, 1958, \$5000 (10-3-58).
- TEASON, RAMONA J., Instructor in Medical Social Work (Medicine), October 6, 1958-August 31, 1959, \$5800 a year (9-15-58).
- TYLER, W. SCOTT, Editor of the *Illinois Alumni News* (Office of Public Information), eleven months from October 1, 1958, \$8500 a year (10-7-58).
- VERDEYEN, JOSEPH T., Instructor in Electrical Engineering (C), one year from September 1, 1958, \$7100, supersedes (9-25-58).
- VIDEKA, MICHAEL A., Instructor in Applied Materia Medica and Therapeutics (Dentistry), $\frac{1}{2}$ time, one year from September 1, 1958, \$3250 (9-20-58).
- WANG, LILY, Research Assistant in Oral Pathology (Dentistry), one year from September 1, 1958, \$5000 (10-2-58).
- WARE, EDWARD E., Research Assistant in the Institute of Communications Research, one year from September 1, 1958, \$4400 (9-20-58).
- WEINBERG, GRACE, Research Assistant in Dairy Science (S), one year from September 1, 1958, \$4400, supersedes (9-26-58).
- WEINSTEIN, MANFRED, Clinical Instructor in Medicine (Medicine), one year from July 1, 1958, without salary (9-17-58).
- WIESINGER, F. P., Assistant Professor of Civil Engineering (Chicago Undergraduate Division), academic year beginning September 1, 1958, \$7800, supersedes (10-4-58).
- WILK, KENNETH E., Research Assistant in the Illinois State Water Survey, nine months from October 1, 1958, \$6000 a year (9-20-58).
- WINEFORDNER, JAMES D., Research Associate in Chemistry, nine months from September 16, 1958, \$5000 (10-6-58).

- WOLIN, EILEEN, Research Assistant in Bacteriology, one year from September 1, 1958, \$4650 (9-20-58).
WORKS, ERNEST, Research Associate in Sociology, September 9, 1958-August 31, 1959, \$6000 a year (9-20-58).
YUFIT, ROBERT I., Clinical Instructor in Psychology, Department of Psychiatry (Medicine), one year from September 1, 1958, without salary (9-17-58).
ZARATZIAN, VIRGINIA L., Research Associate in Pharmacology (Medicine), four months from September 1, 1958, \$6300 a year, supersedes (9-17-58).

GRADUATE FELLOWS

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

- AGOSTA, WILLIAM C., Postdoctoral Fellow in Chemistry, one year from October 1, 1958, \$5000, supersedes (9-26-58).
AUBUCHON, MAX J., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, nine months from September 16, 1958, \$2000 (9-29-58).
BEILIN, ALICE E., United States Public Health Service Fellow (Trainee) in Social Work, nine months from September 16, 1958, \$1800 (9-18-58).
BLACK, MARTHA A., United States Public Health Service Fellow (Trainee) in Social Work, nine months from September 16, 1958, \$1800 (9-18-58).
BLATT, SIDNEY J., United States Public Health Service Postdoctoral Fellow in Clinical Psychology (Trainee), one year from September 1, 1958, \$4000 (9-17-58).
BLUME, ELAINE, Fellow in the Chicago Professional Colleges, one year from September 1, 1958, \$1500 (10-3-58).
BOND, H. W., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1958, \$1600 (9-18-58).
BRINLING, JOHN C., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1958, \$1800 (9-18-58).
BUNCE, D. F. M., United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), one year from September 1, 1958, \$3200 (9-18-58).
BURIC, JOHN, Wright Fellow in Animal Science, September 16, 1958-January 31, 1959, \$750 (9-29-58).
BURSTEIN, STUART, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), ten months from September 1, 1958, \$60 a month, supersedes (10-7-58).
BUTTERWORTH, CLARA B., United States Public Health Service Fellow (Trainee) in Clinical Psychology (Chicago Professional Colleges), one year from September 1, 1958, \$2800 (9-18-58).
CRISS, DARRELL E., Radio Corporation of America Fellow in Electrical Engineering, nine months from September 16, 1958, \$2100 (9-18-58).
DIAMOND, PETER T., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, September 16, 1958-January 31, 1959, \$1000 (9-29-58).
DOIG, ANDREW, United States Public Health Service Research Fellow in the Chicago Professional Colleges, one year from September 1, 1958, \$4150, supersedes (9-18-58).
EPLBY, DONALD L., Collins Radio Company Fellow in Electrical Engineering, September 16, 1958-January 31, 1959, \$750; this is in addition to his present appointment as Instructor on $\frac{1}{2}$ time (9-18-58).
FEICHT, EMIL D., JR., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, September 16, 1958-January 31, 1959, \$1000 (9-29-58).
FRANKENFELD, ROBERT, United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), eleven months from October 1, 1958, \$1600 (10-7-58).
FREED, HARVEY, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), ten months from September 1, 1958, \$60 a month, supersedes (10-7-58).

- GARRON, DAVID C., United States Public Health Service Fellow (Trainee) in Clinical Psychology (Chicago Professional Colleges), one year from September 1, 1958, \$2800 (9-18-58).
- GEORGIS, LOUIS G., Fellow in the Chicago Professional Colleges, nine months from September 1, 1958, \$2000 (10-7-58).
- GRAMER, DOROTHY, Mathematics Institute Fellow in Mathematics, nine months from September 16, 1958, \$3000, supersedes (9-17-58).
- GRANO, ANTHONY M., Hackett Fellow in Agricultural Economics, February 1-June 15, 1959, \$750 (9-29-58).
- GRATCH, GERALD, United States Public Health Service Postdoctoral Fellow in Clinical Psychology (Trainee) (Medicine), one year from September 1, 1958, \$3400, (9-17-58).
- HOFFMAN, GERALD K., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), nine months from October 1, 1958, \$60 a month (10-7-58).
- KAL, EDMUND, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), ten months from September 1, 1958, \$60 a month, supersedes (10-7-58).
- KISSIL, DONALD, United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1958, \$1800 (9-18-58).
- LUCAS, DONALD H., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, nine months from September 16, 1958, \$2000 (9-29-58).
- MAY, PERCY C., JR., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), ten months from September 1, 1958, \$60 a month, supersedes (10-7-58).
- MITTELMAN, HENRY R., United States Public Health Service Fellow (Trainee) in Dentistry (Chicago Professional Colleges), nine months from October 1, 1958, \$187.50 a month (10-7-58).
- MORDUE, DALE L., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1958, \$3050, supersedes (9-17-58).
- ORLINSKY, DAVID E., United States Public Health Service Fellow (Trainee) in Clinical Psychology (Chicago Professional Colleges), one year from September 1, 1958, \$2400 (9-18-58).
- OUCHTRED, O. W., United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), eleven months from October 1, 1958, \$5500 (9-18-58).
- PIERCE, CAMDEN B., Convair Fellow in Physics, nine months from September 16, 1958, \$2000 (9-29-58).
- REDDY, VASUNDER, United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1958, \$1600 (9-18-58).
- STARBUCK, WESLEY C., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1958, \$2500 (9-18-58).
- TINSLEY, WILLIAM A., Wright Fellow in Agricultural Economics, February 1-June 15, 1959, \$750 (9-29-58).
- TRAGER, EUGENE, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), nine months from October 1, 1958, \$60 a month (10-7-58).
- WOODS, JAMES E., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, nine months from September 16, 1958, \$3400 (9-29-58).

RESIGNATIONS AND DECLINATIONS

- BABB, STANLEY E., JR., Research Associate in Chemical Engineering—declination effective September 1, 1958.
- BARNES, ROBERT W., United States Public Health Service Fellow (Trainee) in Social Work—declination effective September 16, 1958.
- CHATTORAJ, MRS. RAJENDRA, Assistant in Veterinary Pathology and Hygiene and in Veterinary Research—resignation effective October 7, 1958.

- CHU, GORDON P., Lead Industries Fellow in Ceramic Engineering—declination effective September 16, 1958.
- COPELAND, ALFRED, Assistant Professor of General Engineering—declination effective September 1, 1958.
- DABICH, DANICA, Parke Davis and Company Fellow in Chemistry—resignation effective September 16, 1958.
- DEMPSEY, ELLEN, Research Associate in Botany—declination effective September 1, 1958.
- DUETTI, MARGARET, Assistant Serials and Acquisitions Librarian, and Instructor in Library Science (Chicago Undergraduate Division)—declination effective September 1, 1958.
- FANG, FU, Research Assistant in Electrical Engineering—declination effective September 1, 1958.
- GALLILY, ISAAH, Research Associate in Chemical Engineering—resignation effective November 1, 1958.
- GINGERICH, KARL, Research Associate in Chemical Engineering—declination effective September 1, 1958.
- GOLDSBOROUGH, JOHN B., Medical Adviser and Assistant Professor of Hygiene—declination effective September 1, 1958.
- HAMMER, DONALD P., Bookstacks Librarian, with rank of Instructor—resignation effective January 1, 1959.
- JAIN, HANWANT R., Fellow in Civil Engineering—resignation effective September 16, 1958.
- JOSEY, ALDEN D., Research Associate in Chemistry—resignation effective September 1, 1958.
- JU, MRS. RUBY, Microanalyst in Chemistry—resignation effective September 10, 1958.
- ORLINSKY, DAVID E., United States Public Health Service Fellow (Trainee) in Clinical Psychology (Chicago Professional Colleges)—declination effective September 1, 1958.
- PARSONS, MELVIN G., JR., Assistant Professor of Business Management—resignation effective October 1, 1958.
- PATRICELLI, ALFONZO, Assistant in Mathematics (Chicago Undergraduate Division)—resignation effective September 16, 1958.
- SAVORY, PAUL B., Instructor in Radiology (Medicine)—resignation effective August 27, 1958.
- STRÖHL, GERHARD W., Research Associate in Chemistry—declination effective August 16, 1958.
- SUDIGDOMARTO, MUDOMO, Fellow in Mathematics—resignation effective February 1, 1959.
- TURNER, PETER L., Fellow in Geography—declination effective September 16, 1958.
- WEN, ROBERT K. L., Assistant Professor of Civil Engineering—resignation effective March 1, 1959.
- WEST, IAN M., Instructor in Applied Materia Medica and Therapeutics (Dentistry)—declination effective September 1, 1958.
- WITT, JOHN, JR., Fellow in Chemistry—resignation effective September 16, 1958.
- YOKAN, MELVYN, Research Associate in Neurology-Neurological Surgery-Epilepsy (Medicine)—resignation effective October 1, 1958.

LEAVES OF ABSENCE

- CHANDLER, MARGARET K., Associate Professor of Sociology, in the Institute of Labor and Industrial Relations and in the College of Liberal Arts and Sciences—disability leave with full pay from April 15 through December 10, 1958, and leave without pay from December 11, 1958, and continuing until such time as she is able to return to her duties.
- PEARL, ALLEN S., Clinical Instructor in Dermatology (Medicine)—leave of absence, without salary, for one year from September 1, 1958, on account of ill health.
- TYNER, EDWARD H., Professor of Soil Fertility (Agronomy)—six months extension of his leave of absence, without pay, from February 15, 1959, and continuing to August 15, 1959, in order that he may continue his work as a

member of the Cornell University staff, on their cooperative project with the University of the Philippines College of Agriculture at Los Banos.
WOOD, JOHN W., Associate Professor of Architecture—leave of absence on account of disability, with full pay, for six months beginning September 1, 1958.

NOVEMBER AND DECEMBER MEETINGS

President Livingston reminded the Board that it had previously voted to hold its next two meetings in Chicago on November 19 and December 17.

Mr. C. W. Weldon, Treasurer of the University, has extended an invitation on behalf of the officers of the First National Bank of Chicago to the Board of Trustees to hold its December meeting at the Bank. This invitation has been accepted.

On motion of Mrs. Holt, the Board adjourned.

A. J. JANATA
Secretary

PARK LIVINGSTON
President

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

November 19, 1958



The November meeting of the Board of Trustees of the University of Illinois was held in the LaSalle Hotel, Chicago, Illinois, on Wednesday, November 19, 1958, beginning at 11:30 a.m.

The following members of the Board were present: Mr. Cushman B. Bissell, Mr. Wirt Herrick, Mrs. Doris S. Holt, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Park Livingston, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. Kenney E. Williamson. Mr. Vernon L. Nickell and Governor William G. Stratton were absent.

Also present were President David D. Henry, Vice-President and Provost Gordon N. Ray, Dr. H. E. Longenecker, Vice-President in charge of the Chicago Professional Colleges, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Professor Norman A. Parker, Chairman of the Building Program Committee, Director C. S. Havens of the Physical Plant Department, Mr. Ralph F. Lesemann, Legal Counsel, Mr. Vernon L. Kretschmer, Director of Housing, 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.

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, 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 BRUCE AYRES, JR.	Downers Grove, Illinois	Hawaii
HAROLD JOHN CORWIN	Chicago, Illinois	District of Columbia
WILLIAM ELBERT CUNNINGHAM	Detroit, Michigan	Ohio
EUGENE BERNARD FRANK	Milwaukee, Wisconsin	Wisconsin
CHARLES HENRY GRIFFIN	Champaign, Illinois	Texas
MELBURN DALE HANELINE	Collinsville, Illinois	Missouri
DONALD DEAN HOOVER	Paducah, Kentucky	Kentucky
ALLEN LAZAR	Chicago, Illinois	District of Columbia
EDWARD LEMANSKI	Bellwood, Illinois	District of Columbia
DONALD SNOVER LEWIS	Park Ridge, Illinois	Michigan
KERWIN THOMAS MCCLELLAND	Baton Rouge, Louisiana	Louisiana
BERNARD E. MEYERS	Milwaukee, Wisconsin	Wisconsin
ROBERT MURRAY SHEHAN	Park Ridge, Illinois	Wisconsin
EDWIN HARRIS WAGNER, JR.	St. Louis County, Missouri	Missouri
ROBERT WEBER	Highland Park, 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. RAYMOND E. ANDERSON, Clinical Assistant Professor of Surgery, beginning November 1, 1958, without salary (DY).
2. JOE R. BURNETT, Assistant Professor of Education, beginning September 1, 1959, at an annual salary of \$7,200 (D).
3. IRVING W. COLBURN, Assistant Professor of Architecture and Art, in the Chicago Undergraduate Division, for six months from September 1, 1958, on one-half time, at a salary of \$1,750 (G50).
4. WILLIAM H. HAINES, Clinical Associate Professor of Psychiatry, beginning September 1, 1958, without salary (DY).
5. FRANCO A. LEVI, Research Assistant Professor of Physics, beginning November 1, 1958, at an annual salary of \$7,800 (DY).
6. GEORGE C. MANN, Visiting Professor of Education, beginning September 1, 1958, without salary (D).
7. JAGDISH C. SARIN, Assistant Professor of Pathology, beginning September 1, 1958, without salary (DY).
8. DAVID J. WHEELER, Research Associate Professor in the Digital Computer Laboratory, Graduate College, for six months from March 20, 1959, at a salary of \$5,400 (G).

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

DEANSHIP OF THE COLLEGE OF LIBERAL ARTS AND SCIENCES

(3) Upon the resignation of Dean Joseph R. Smiley of the College of Liberal Arts and Sciences in August, 1958, I appointed a special search committee to make nominations for the deanship. During the period preceding the selection of the new dean and his taking over the duties, Associate Dean Gibbon Butler

of the College of Liberal Arts and Sciences is in charge of the Dean's Office. In carrying out this assignment, he consults closely on matters of policy with the Executive Committee of the College.

The Committee on the Deanship has unanimously nominated Professor Lyle H. Lanier, Head of the Department of Psychology. This nomination is also unanimously endorsed by the Executive Committee of the College and is concurred in by the Vice-President and Provost and the Dean of the Graduate College. I recommend the appointment of Dr. Lanier as Professor of Psychology on indefinite tenure and Dean of the College of Liberal Arts and Sciences beginning January 1, 1959, and continuing through August, 1959, at a salary of \$20,500 a year on "Y" basis.

It is the opinion of the search committee, the Executive Committee of the College, and all recommending officers that this appointment will receive wide acceptance not only from the faculty of the College but also from the faculty of the University in general. We also feel that Professor Lanier will give the College the same distinguished leadership he has given the Department of Psychology which has become one of the leading departments of psychology in the country. Professor Lanier is presently on sabbatical leave of absence for the first semester of 1958-59 which accounts for the beginning date of his appointment as Dean.

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

DIRECTOR OF HEALTH SERVICES AT CHICAGO PROFESSIONAL COLLEGES

(4) The Vice-President in charge of the Chicago Professional Colleges recommends the appointment of Dr. Marvin J. Colbert, presently Assistant Professor of Medicine on the faculty, as Assistant Professor of Medicine and Director of Health Services at the Chicago Professional Colleges beginning January 1, 1959, and continuing through August 31, 1959, at an annual salary of \$13,000 on "Y" basis.

This appointment is to replace Dr. Buford Hall who is resigning as Director, but who will continue as a member of the nonsalaried faculty of the Department of Medicine.

I concur.

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

MEMORANDUM OF UNDERSTANDING AMONG PRESIDENTS OF STATE-SUPPORTED INSTITUTIONS OF HIGHER LEARNING

(5) The presidents of the state-supported institutions of higher education in Illinois have adopted the following *Memorandum of Understanding Among the Presidents of the State-Supported Institutions of Higher Learning in Illinois* as a statement of policy of institutional cooperation.

The presidents, through the Joint Council on Higher Education of the six state-supported institutions of higher learning in Illinois, affirm their full intention to keep each other informed of plans for new programs, such as the establishment of a new department, college, or school, the inauguration of a new service, the opening of a branch; or changes in, or enlargements of, existing programs at any one of the universities that might affect any of the other universities; and to provide opportunity for timely mutual discussion of such matters. The purpose of these discussions shall be to attempt to arrive at the best application of the resources which may become available to any of the universities toward providing the most sound educational programs and service possible in the state.

More specifically, it is understood between said presidents that proposals for new legislation enlarging the scope of the authority of any of the universities or requests for appropriations for new programs at any of them shall be submitted to the others prior to the actual making of the requests. This will be done in order to have a discussion toward the end of attempting to reach a consensus as to whether such enlargements are in the public interest. It is also understood that such discussions are desirable in the interest of avoiding, in every instance reasonably possible and consistent with the important interests of each university, the necessity of public opposition on the part of any one of them to proposals of the others.

It is further understood that, failing to reach such a concurrence or consensus, each president will give the others due notice in the early stages of formulation of the position to be taken by his university with regard to such proposals, together with a statement of his reasons therefor. Furthermore, any reactions of the other institutions will be immediately conveyed to the governing boards. It is further understood that the several universities will remain alert to, and shall seek out, appropriate and practicable opportunities for cooperative programs to be operated by any two or more of them jointly.

On motion of Mr. Hughes, the Board endorsed this plan.

**SETTLEMENT OF ADDITIONAL COSTS TO CORRECT DEFICIENCIES
IN HEATING INSTALLATION IN ADDITION
TO LINCOLN AVENUE RESIDENCE**

(6) As previously reported to the Board, heating deficiencies in the addition to the Lincoln Avenue Residence have been corrected at a cost of \$68,888. Negotiations have been concluded with the architects, Naess and Murphy, Chicago, to determine the distribution of this additional cost.

Naess and Murphy have agreed that \$24,194 is their responsibility, based upon the contractor's estimate of the work due to the error in determining the unit heat loss through the walls of the building. The University has agreed that it should pay the added cost which would have resulted in any case if the original design had been adequate. The contractor's estimate of this is \$33,000.

This leaves a difference of \$11,694, which is due to a misunderstanding between the University and the architects as to the pressure in the steam distribution system at the service connection to the building. It has been impossible to ascertain the reason for this misunderstanding, but it is apparent that the architects operated in good faith on an erroneous assumption. It is concluded, therefore, that this difference should be divided equally between the architects and the University.

On this basis, Naess and Murphy would assume a cost of \$30,041 and the University would assume a cost of \$38,847. This has been reviewed by the Federal Housing and Home Finance Agency, the purchaser of the majority of the bonds for financing this building, and they have agreed to the settlement.

The Director of the Physical Plant and the Vice-President and Comptroller recommend approval of this settlement, which will be accomplished by a deduction of \$30,041 in the amount the University will pay Naess and Murphy for architectural services.

This has been submitted, with my concurrence, to the Committee on Buildings and Grounds which also recommends approval.

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

**APPROPRIATION FOR EQUIPMENT IN OFFICES
OF ADMISSIONS AND RECORDS AND BURSAR**

(7) Remodeling of the space occupied by the Bursar's Office and the Dean of Admissions and Records on the first floor of the Administration Building and expansion of the services of these offices require additional equipment to make the best use of the enlarged work areas. Funds are requested as follows for this and for replacement of present equipment. Any usable equipment replaced can be transferred to other divisions of the University:

Bursar's Office, furniture.....	\$ 9 800
Dean of Admissions and Records	
Shelving and file cabinets.....	2 095
Replacement of six typewriters and purchase of six additional typewriters (at the present time six are being rented).....	3 520
Furniture and other equipment needed in remodeled, expanded areas	9 749
<i>Total</i>	<u>\$25 164</u>

In the appropriation made by the Board for the remodeling of this area, \$8,000 can be used for the purchase of equipment. The remainder needed, \$17,164, can be found in funds collected from the United States government for certification of the grades and attendance of veterans, a service required by the government. Since the Bursar's and the Admissions Offices were concerned with this certification service, it is appropriate to use the funds from this source.

The Vice-President and Provost and the Vice-President and Comptroller recommend an assignment of \$17,164 from the funds received for certification of the records of veterans for this purpose.

I concur.

On motion of Mr. Swain, this appropriation was made by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stratton.

APPROPRIATION FOR AUTOMOBILES FOR UNIVERSITY CAR POOL

(8) The demands on the University's passenger car pool for official travel have so increased that it is frequently necessary to turn down requests. During 1957-58 there was an increase of 18 per cent in the total number of car reservations, and 538 requests could not be approved. When the University can not provide for official University travel, the staff member is reimbursed at the rate of eight cents per mile (the standard rate paid by the state of Illinois) for the use of his own car as compared with a cost of six cents per mile, which represents the University's operating expense of the car pool.

An addition of seven passenger automobiles (six station wagons and one sedan) is required to accommodate current demands. The cost of the additional equipment can not be met from the replacement fund since this was built up for the purpose of replacing present equipment. However, funds have accumulated in the Physical Plant Storeroom operation account, and \$16,000 can be released from this source for the purchase of additional cars needed.

The Vice-President and Provost, the Vice-President and Comptroller, and the Director of the Physical Plant recommend that \$16,000 in the Storeroom Reserves be assigned for the purpose of the expansion in the number of vehicles held by the car pool. Recommendations for purchase of the equipment will be submitted to the Board for approval.

I concur.

On motion of Mr. Herrick, this appropriation was made by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stratton.

APPROPRIATION FOR INSTALLATION OF DATA-PROCESSING MACHINE

(9) The Board has approved an appropriation of \$60,000 for remodeling the Engineering Research Laboratory for installation of IBM 701 equipment. It has now been determined that IBM 650 equipment will meet the University's needs just as effectively, and the rental is less. Detailed plans for the installation have been revised and completed. The estimated cost is \$81,305. Funds for the additional \$21,305 are available in the appropriation for operation of the equipment, since the delivery date has been deferred.

The Vice-President and Comptroller recommends the transfer of \$21,305 from the operating funds to the appropriation for installation of IBM equipment, and authorization to substitute IBM 650 equipment for IBM 701 equipment in the rental agreement with the International Business Machines Corporation.

I concur.

On motion of Mrs. Holt, this appropriation was made by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stratton.

REAPPROPRIATION FOR ARCHITECTURAL SERVICES FOR THE 1959-61 BUILDING PROGRAM

(10) On October 22, 1956, the Board of Trustees appropriated \$150,000 for architectural services on the 1957-59 building program so that construction could be started at the earliest possible date after appropriations for the buildings became available.

There is an unexpended balance of \$40,000 in this appropriation. The Director of the Physical Plant and the Vice-President and Comptroller recommend that this balance be appropriated for architectural services on buildings to be constructed during 1959-61 as funds become available.

I concur.

On motion of Mrs. Watkins, this reappropriation was approved by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stratton.

ASSIGNMENT OF SITE FOR BUILDING FOR NATIONAL COUNCIL OF TEACHERS OF ENGLISH

(11) The University is presently leasing space at 704 South Sixth Street, Champaign, to the National Council of Teachers of English which established its headquarters at the University several years ago. The Council has plans to construct its own building and has requested the University to provide a site. This proposal was presented to the Committee on Buildings and Grounds at a meeting¹ held in Chicago on March 11, 1958. It was reported at that meeting that a site on University property in the block bounded by Wright Street, Springfield Avenue, Sixth Street, and Healey Street in Champaign is available and is acceptable to the Council. The Board Committee and other Trustees present at its meeting unanimously agreed that the educational value to the University and to the state of having the National Council of Teachers of English located on the campus justifies the allocation of a suitable site on University property for this new building. Accordingly, the Committee approved the proposal and also approved in principle the recommendation of the University Building Program Committee for the allocation of a site in the area described.

The Fire Training Tower occupies part of this site on Sixth Street, just back of the Vivarium Building. This area was formerly used by the Illinois Fire College but is no longer adequate for training purposes, and the Fire College has been holding its demonstrations and practice sessions elsewhere on University property. The Fire Training Tower was constructed many years ago, funds for it having been appropriated by the General Assembly of Illinois to the Illinois Firemen's Association. The Association is willing to release this space if the University will agree to join with it in sponsoring in the Seventy-first General Assembly of Illinois a bill for an appropriation from the Fire Prevention Fund to provide for acquisition of additional land for the Fire College, and if the University will assure the Association that in the event such an appropriation is not forthcoming, the University will provide other land for the Fire College for temporary use.

The Building Program Committee has approved the assignment of the space on Sixth Street to the National Council of Teachers of English and has allocated in the campus development program an area of six acres to be acquired for the Fire College.

The Vice-President and Provost and the Vice-President and Comptroller recommend (a) that the Board of Trustees authorize a commitment to the Illinois Firemen's Association that the University will join it in seeking an appropriation of funds for the facilities needed by the Fire College and that the University will, in the meantime, provide land elsewhere on the campus for the Fire College, and (b) that the Board give formal assurance to the National Council of Teachers of English that the University will provide a site in the area described on which the Council may construct its new building through a lease of the site to the Council, or a lease of the site and the building to the Council if it should be agreed that the building to be constructed becomes the property of the University, the lease in either case to be for a long term at a nominal rental and upon such other terms and conditions as may be mutually agreed upon by the Council and the University.

When negotiations with the Council have been concluded, a further recommendation will be made to the Board of Trustees for the approval of such

¹ All six members of the Committee were present at the meeting, and three of the other members of the Board were also present and participated in the discussion.

agreement or resolution as may be necessary to implement this arrangement.

I concur and recommend that the Comptroller be authorized to make the necessary commitment to the Illinois Firemen's Association and assurance to the National Council of Teachers of English in a form approved by the Legal Counsel.

On motion of Mr. Herrick, this recommendation was approved by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stratton.

HOUSING AND HOME FINANCE AGENCY LOAN FOR CONSTRUCTION OF ILLINI UNION ADDITION

(12) The Vice-President and Comptroller has submitted an application to the Housing and Home Finance Agency for a loan of \$2,750,000 for the construction of an addition to the Illini Union Building. This represents the maximum amount which the Housing and Home Finance Agency will lend on this type of project.

The Director of the Physical Plant and Vice-President and Comptroller recommend that the action of the University in submitting this application to the Housing and Home Finance Agency be confirmed; that the firm of Chapman and Cutler of Chicago be employed as counsel for the bond issue; that bids for the construction of the project and advertisements for the sale of bonds be taken at the time or times deemed most appropriate by the Vice-President and Comptroller; that the Comptroller and the Secretary of the Board be authorized to execute a loan agreement with the Housing and Home Finance Agency; and that all other necessary steps in connection with the bond issue and the sale of bonds be authorized.

I concur.

On motion of Mr. Swain, this application was authorized by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stratton.

HOUSING AND HOME FINANCE AGENCY LOAN FOR CONSTRUCTION OF SINGLE GRADUATE STUDENTS RESIDENCE HALL

(13) The Vice-President and Comptroller and the Director of the Physical Plant recommend that an application for a loan of \$1,350,000 be submitted to the Housing and Home Finance Agency for the construction of a residence hall for approximately three hundred single graduate students; that the firm of Chapman and Cutler be employed as counsel for the bond issue; that bids for the construction of the project and advertisements for the sale of bonds be taken at the time or times deemed most appropriate by the Vice-President and Comptroller; that the Comptroller and the Secretary of the Board be authorized to execute a loan agreement with the Housing and Home Finance Agency; and that all other necessary steps in connection with the bond issue and the sale of bonds be authorized.

Equipment for this project, estimated to cost \$150,000, will be provided from bonds to be sold publicly.

I concur.

On motion of Mr. Johnston, this application was authorized by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stratton.

CONTRACT FOR CONSTRUCTION OF APARTMENTS FOR MARRIED STUDENTS AND STAFF

(14) The Director of the Physical Plant and the Vice-President and Comptroller recommend the award of a contract for the construction of one hundred twenty apartment units for married students and staff, to be built in the area

south of Florida Avenue between Orchard Street extended and Race Street, Urbana, to Shapland Homes, Inc., Champaign, the lowest bidder, on the basis of its bid of \$914,700. They also recommend that the Board authorize the execution of a supplementary change order increasing the contract by \$20,100 to provide for additional items of work desired by the University.

Funds are available from the sale of "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1958, Series A and B."

I concur in these recommendations.

On motion of Mrs. Watkins, these recommendations were approved by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stratton.

CONTRACT FOR CONSTRUCTION OF CENTRAL FOOD STORES BUILDING AND EQUIPMENT

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend the award of contracts as follows, the award in each case being to the lowest bidder:

Construction of Central Food Stores Building — Felmley-Dickerson

Company, Urbana

Base bid\$989 000

Alternate A, construction of pile foundation instead of soil bearing foundation, deduct.....—12 000

Alternate B, installation of Air-Lec operators on refrigerator doors, add 2 600

Net amount of contract.....\$979 600

Equipment for Central Food Stores Building — Illinois Range

Company, Mount Prospect, Illinois

Total of bids of meat cutting, vegetable processing, and test kitchen equipment.....\$ 57 160

Deductions of items to be omitted..... —2 942

Net amount of contract.....\$ 54 218

Felmley-Dickerson Company has agreed to omit or change certain items totaling \$19,450 in order to reduce the cost of the project. These will be negotiated as a change order.

Bids were also taken on bakery equipment for this building, but these installations can be deferred until additional funds are available, and it is therefore recommended that all bids on bakery equipment be rejected.

Funds are available from the sale of "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1958, Series A and B."

I concur in these recommendations.

On motion of Mr. Williamson, this recommendation was approved by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stratton.

CONTRACT FOR CONSTRUCTION OF SNACK BAR AND SERVICE BUILDING FOR MEN'S RESIDENCE HALLS

(16) The Director of the Physical Plant and the Vice-President and Comptroller recommend the award of a contract for \$364,592 to A. F. Krall Construction Company, Decatur, Illinois, the lowest bidder, for the construction of a snack bar and service building at the southwest corner of Gregory Drive and Euclid Avenue, Champaign, to serve all of the Men's Residence Halls in the area. Funds are available from the sale of "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1958, Series A and B."

I concur.

On motion of Mr. Johnston, this contract was awarded by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes,

Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stratton.

CONTRACT FOR REMODELING OUTPATIENT AREA OF THE RESEARCH AND EDUCATIONAL HOSPITALS IN CHICAGO

(17) The Director of the Physical Plant and the Vice-President and Comptroller recommend the award of a contract for \$9,598 to the Mueller Construction Company, Chicago, the lowest bidder, for remodeling the outpatient collection area in the Research and Educational Hospitals.

The work will consist of the rearrangement of partitions and general rehabilitation of the area and construction of cashiers' cages, in order to increase the efficiency of the functions carried on in the area and allow for some expansion for needed staff.

Funds for this work are available in an appropriation approved by the Board of Trustees on June 19, 1958.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mrs. Holt, this contract was awarded by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stratton.

ADDITION TO CONTRACT WITH CONSULTING ENGINEERING SERVICE

(18) The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of an addition of \$4,000 to the University's standing contract with Brown, Manthei, Davis, and Mullins, formerly Consulting Engineering Service, Champaign, for the preparation of plans and specifications for the heating, ventilating, and air-conditioning work on the remodeling of space in the Engineering Research Laboratory for housing an IBM 650 Computer.

I concur.

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

PURCHASES

(19) 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 bid.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One electron microscope	Aeromedical and Physical Environment Laboratory	Radio Corp. of America, Camden, N.J.	\$27 700 00 delivered
100,000 mysoline tablets 0.25 gram	Hospital Pharmacy	Ayerst Laboratories, Chicago	2 658 00 delivered
One autoanalyzer for automatic chemical determination of laboratory specimens	Research and Educational Hospitals	Technicon Instruments Corp., Auto-Analyzer Division, Chauncey, N.Y.	4 202 65 f.o.b. Chauncey, N.Y.
One closed circuit television system including two cameras and tubes, two lenses, two camera controls, cables, and monitor	Psychiatry	Crossley Associates, Inc., Chicago	7 039 00 f.o.b. San Diego, Calif.
Seven sterilizers for the Medical Research Laboratory	Physical Plant, Chicago	American Sterilizer Co., Chicago	32 738 00 delivered
One automatic liquid scintillation counter	Radiology	Packard Instrument Co., LaGrange	12 500 00 delivered
One spectrophotometer, 200 mu. to 2,500 mu. scale complete with standard accessories, 70 cm. optical bench; one set four cells 10 mm. light path	Chemistry and Chemical Engineering	W. H. Kessel & Co., Chicago	4 343 00 f.o.b. delivered
One Ampex FR-300 digital tape transport mechanism	Digital Computer Laboratory	Ampex Corp., Villa Park	21 188 00 f.o.b. Redwood City, Calif.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One Sorensen No. MA28-500 18-36 volt, 500 amperes DC power supply	Physics	Sorensen & Co., Inc., c/o Pivan Engineering Co., Chicago	\$ 4 720 00 f.o.b. South Norwalk, Conn.
One Sorensen No. MA28-250 18-36 volt, 250 amperes DC power supply			
240 wood side chairs, library posture type, for use in laboratories and seminar rooms in Biology Building	Physiology-Bacteriology	Milwaukee Chair Co., Milwaukee, Wis.	3 780 00 f.o.b. Urbana
Steel shelving to be furnished and erected in the new Biology Building, consisting of thirty-two sections of slotted type book shelving and forty-four sections of angle type storage shelving	Physiology-Bacteriology	Jack Sheean, Bloomington	2 556 00 f.o.b. delivered and erected
146 auditorium chairs with tablet arms to be furnished and installed in Room 124 Biology Building	Physical Plant—Architectural Division	S. Buckman Furniture & Supply, Spring Valley	3 947 84 f.o.b. delivered and installed
Two special loading cylinders, for use with Lowsenhausen fatigue testing machine	Theoretical and Applied Mechanics	Riehle Testing Machine Division, American Machine & Metals, Inc., East Moline, N.Y.	3 590 00 f.o.b. New York, N.Y.
Two Freon twelve refrigeration units, fifteen h.p. capacity, including motors, reduced voltage starters, oil separators, and vibration eliminators (replacement equipment for Electrical Engineering Tube Laboratory)	Physical Plant	The Field & Shorb Co., Decatur	3 792 30 f.o.b. factory-freight allowed
Two No. 5820 image orthicon tubes	Television-Motion Pictures	Electronic Parts Co., Champaign	3 120 00 f.o.b. delivered
Three image orbiting guards for GPL television cameras	Television-Motion Pictures	General Electric Co., Chicago	3 240 00 f.o.b. Syracuse, N.Y.
Seven two-place trainer airplanes and accessories, less trade-in allowance for seven Aeronca Model 7AC airplanes	Institute of Aviation	Champion Aircraft Corp., Osceola, Wis.	33 672 66 f.o.b. Osceola, Wis.

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

COMPTROLLER'S REPORT OF CONTRACTS

(20) The Comptroller's report of contracts executed during the period October 1 to October 31, 1958.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Royal McBee Corp.	Explore the educational outcomes of the portable typewriter when employed as classroom teaching equipment in the fourth and fifth grades of the elementary school	\$ 9 229 45	September 1, 1958
The Texas Co.	Methods and machines for more efficient application of anhydrous ammonia, aqua ammonia, and slurries of dry and liquid nutrients	3 500 00	June 17, 1958
United States Atomic Energy Commission AT(11-1)677	Conduct basic research relating to atomic energy	10 972 00	September 26, 1958
United States Navy Nonr-1459(05)	Metabolism of hibernation	6 943 00	September 1, 1958
United States Navy Nonr-1834(26)	Experimental and theoretical work on the origin of the plastic properties of crystalline solids	17 515 00	August 1, 1958
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
Lou Brownie Attractions	Orchestra for a dance at Navy Pier, October 18, 1958	\$ 210 00	October 3, 1958
Giesen and Boomer, Inc.	Appearance of C. Northcote Parkinson at Chicago Professional Colleges on October 29, 1958	350 00	September 16, 1958
St. Phillip High School	Rental of St. Phillip High School memorial stadium for October 18, 1958	135 00	September 18, 1958

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Bureau of Public Roads, Department of Commerce C.P.R. 11-3044	Cooperative investigation of fatigue strength of welded flexural members	\$20 000 00	June 30, 1958
General Electric Co.	Fading of residual stress and the effect of certain levels of residual stress initially present upon the fatigue strength of certain super-alloys at elevated temperatures	12 500 00	July 15, 1958
United States Air Force AF 29(601)-468	Static and dynamic testing of deep structural elements	20 959 00	September 18, 1958
United States Air Force AF 29(601)-1185	Confidential	7 001 00	September 23, 1958
United States Army DA-11-022-ORD-1175	Alloys of the transition elements	2 902 00	September 30, 1958
United States Army DA-36-039 SC-73163	Investigation of moon-relay communication	35 000 00	June 28, 1958
United States Army DA-36-039 SC-75055	Measurement of intensity of surface precipitation by radar returns	49 860 00	May 31, 1958
United States Army DA-49-007 MD-877	Study the context effects in psychophysical judgments	8 922 00	September 30, 1958
United States Atomic Energy Commission AT (11-1)-67 Project No. 5	Atomic energy research and development	33 890 00	October 9, 1958
United States Navy Nonr-1244(00)	Initiation of training in military and disaster medicine	9 000 00	July 1, 1958
United States Navy Nonr-1834(02)	Development of radiowave direction-finding techniques	25 000 00	September 1, 1958

Adjustments Made in 1958-59 Cost-Plus Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Thirty-two items: \$770.51 deduct to \$650.00	\$ 2 850 36	October, 1958

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(21) The Comptroller presents his quarterly report to the Board as of September 30, 1958.

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

**INSTITUTE OF LABOR AND INDUSTRIAL RELATIONS
ADVISORY COMMITTEE**

(22) 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 September 1, 1958:

Management

D. ROBERT DAVIES, Vice-President, Industrial Relations, Illinois Power Company, Decatur, Illinois

This appointment will replace Mr. Thomas G. Ayers, Vice-President, Commonwealth Edison Company, Chicago, whose term has expired. Mr. Davies is well acquainted with the extension program of the Institute and is very much interested in its work.

Labor

STANLEY L. JOHNSON, Executive Vice-President, Illinois State Federation of Labor and Congress of Industrial Organizations, 666 Lake Shore Drive, Chicago, Illinois

ROBERT JOHNSON, Regional Director in Region IV, International Union of the United Automobile, Aircraft, and Agricultural Implement Workers of America, 54 West Randolph Street, Chicago, Illinois

These appointments will replace Mr. Reuben G. Soderstrom, President, Illinois State Federation of Labor and Congress of Industrial Organizations, Springfield, and Mr. Samuel Smith, Manager, Joint Board, Amalgamated Clothing Workers of America, CIO, whose terms have expired. Mr. Stanley L. Johnson served an earlier term on the Advisory Committee and is well acquainted with the work of the Institute. Mr. Robert Johnston is also a member of the International Union's Executive Board and is currently serving as a Vice-President of the Illinois State Federation of Labor and Congress of Industrial Organizations.

Public

ADOLPH BERGER, Regional Director, Bureau of Labor Statistics, United States Department of Labor, Chicago, Illinois

This appointment will replace Senator T. Mac Downing, Macomb, Illinois, whose term has expired. Mr. Berger is a professional in the area of labor statistics. He has been in charge of the Chicago office for many years and has frequently assisted the Institute in some of its studies.

I concur.

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

LAND ACQUISITION FOR RADIO TELESCOPE PROJECT

(23) As reported to the Board of Trustees on April 17 and July 29, 1958, the University has a contract with the Office of Naval Research for \$233,000 for the construction of a radio telescope. If plans proceed as contemplated, the instrument will be the largest of its kind and will result in a very valuable addition to the research and teaching facilities of the University in an important field of science. The cost of constructing the instrument will be borne by the federal government, but the University should acquire and hold title to the land on which it will be located. The Office of Naval Research contract was negotiated with this understanding.

To reduce the cost of site preparation, it was necessary to locate a natural valley with its major axis running in a north-south direction, approximately 600 feet in length, 400 feet in width, 100 feet deep at the deepest point, and of concave shape. Because this instrument will be extremely sensitive to electrical disturbances, it is also necessary to select a site remote from this type of interference and with the proper soil characteristics. It is also essential to have a site fairly close to the University. Several possible sites were considered, and after extensive tests over a six-month period, it was determined that the site meeting the requirements and closest to the campus is approximately seven miles south of Danville.

Negotiations have been carried on with the owner, Mr. Milton W. Thompson, of Danville. Appraisals were obtained from Mr. Lewis V. Lane, a land appraiser in Vermilion County, who assigned a value of \$75 an acre to this tract. A member of the staff of the College of Agriculture who was also consulted stated that for agricultural purposes the land has an economic value of about \$50 an acre, but that at present land prices it would probably be necessary to pay about \$100. The owner initially asked \$200 an acre for the entire farm, which is more area than is required. Because of the very favorable characteristics of this site, it is the opinion of the University representatives that \$100 an acre is a fair price. The owner has now agreed to accept this price for an area comprising approximately 136.8 acres and described as follows:

The Southwest Quarter of the Southwest Quarter of Section 36, and the Northwest Quarter of the Southwest Quarter of Section 36 except approximately 1.5 acres in the northwest corner thereof presently included within a fence line and presently being a house and barn lot, and the Southeast Quarter of the Southeast Quarter of Section 35; and 9.3 acres more or less off the South side of the Northeast Quarter of the Southeast Quarter of said Section 35, being all of the land in said Northeast Quarter of the Southwest Quarter South of the fence line presently existing. All of the above described land being located in Township 19 North, Range 11 West of the 2nd P.M., in Vermilion County, Illinois, and containing approximately 136.8 acres, the exact acreage to be determined after survey.

The instrument itself will occupy about five acres, and will be located in the extreme southern portion of the above described 136.8-acre tract. To provide protection from electrical disturbances and to achieve the necessary privacy, it is desirable to acquire an additional 66.22 acres, more or less, adjacent to and immediately south of the site, described approximately as follows:

83.22 acres off the west side of the northwest fractional quarter of Section 1, and also the following described piece or parcel of land, described as follows: Beginning at the northwest corner of the southwest fractional quarter section of said Section 1, thence down the Vermilion River following the meanderings thereof 58 poles to a stone, thence in a northeasterly direction or course to a point so as to strike the north line of said Southwest Fractional Quarter of Section 1, 17 poles west of the northeast corner of said Southwest Fractional Quarter of Section 1; thence west to the place of beginning; except $4\frac{1}{4}$ acres in a triangular shape off the northeast corner of last described tract in Southwest Fractional Quarter, Section 1; all in Township 18 North, Range 11 west 2nd P.M., in Vermilion County, Illinois, containing 101.22 acres more or less, except 35 acres off the south end of the west 83.22 acres off west half of northwest fractional quarter of Section 1, Township 18 North, Range 11 west of the 2nd P.M., east of the Vermilion River, Vermilion County, Illinois, amounting to 66.22 acres more or less.

An option to purchase this second tract has been secured from Mr. and Mrs. Willard Burgoyne of Danville at a price of \$2,200, or \$33.22 an acre. The difference in price between the Thompson and the Burgoyne tracts is because the Thompson property is operated as a livestock farm, the area to be acquired being used for grazing, while the Burgoyne tract is largely wasteland.

The Head of the Department of Astronomy, the Dean of the Graduate College, and the Vice-President and Comptroller recommend the purchase of these tracts at the prices indicated, viz.: \$13,680 for the Thompson property and \$2,200 for the Burgoyne tract. Funds for this purchase have been allocated by the University Research Board.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute the necessary documents to acquire these tracts.

On motion of Mr. Swain, this purchase of property was authorized by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stratton.

SALE OF HOUSING REVENUE BONDS OF 1958

(24) Bids were received on November 18, 1958, for the sale of \$3,150,000 of the Board of Trustees of the University of Illinois Housing Revenue Bonds of 1958 to finance the construction of a Central Food Stores Building, a Snack Bar and Service Building, and 120 apartment units for married students.

No bids were received from private companies for the Series B bonds in the amount of \$1,525,000 which will be sold to the Housing and Home Finance Agency at an interest cost of 3 per cent. Seven bids were received for the Series A bonds, par value \$1,625,000.

The Vice-President and Comptroller recommends that:

1. The Series A bonds in the amount of \$1,625,000 be sold to White, Weld, and Company, Chicago, and Associates at a price of \$1,590,000.10 and at an effective interest rate of 3.944 per cent which represents the lowest interest cost to the University;
2. Funds in the Housing Division reserves be advanced, if necessary, to finance construction costs until the bonds are delivered and the proceeds are available;
3. The Harris Trust and Savings Bank, Chicago, be designated as the depository for the Construction Fund Account, and that it be authorized to act as investment counsel for the purchase of government securities as temporary investment of this Fund;
4. The Loan Agreement with the Housing and Home Finance Agency, as submitted herewith, be approved.

Mr. Swain, Chairman of the Finance Committee, stated that the Committee considered this recommendation at a meeting held earlier in the day and voted to approve the same.

On motion of Mr. Swain, the sale of these bonds was authorized, as recommended, by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stratton.

**LOAN AGREEMENT WITH HOUSING AND HOME FINANCE AGENCY
OF THE UNITED STATES GOVERNMENT**

There was presented for examination the proposed Loan Agreement and Numbered Contract No. H(402-294) with the United States of America providing for the funds to be loaned by the United States government to assist in financing the construction of the Central Food Stores Building and a Snack Bar and Post Office Building.

Upon examination of this agreement, Mr. Swain offered the following resolution and moved its adoption.

**Resolution Approving and Providing for the Execution of a Loan Agreement, and Numbered Contract No. H(402-294), by and between the
Board of Trustees of the University of Illinois and
the United States of America**

Be It Resolved by the Board of Trustees of the University of Illinois, as follows:

SECTION 1. The pending Loan Agreement and Numbered Contract No. H(402-294), and relating to the erection on the campus of the University of Illinois, an educational institution of higher learning located in Urbana, Illinois, a one-story Central Food Service Building and a one-story Snack Bar and Post Office Building, by and between the Board of Trustees of the University of Illinois and the United States of America, is hereby in all respects approved.

SECTION 2. The Comptroller is hereby authorized and directed to execute the said Loan Agreement in three counterparts on behalf of the Board of Trustees of the University of Illinois, and the Secretary of the Board of Trustees of the University of Illinois is hereby authorized and directed to impress and attest the official seal of the University of Illinois on each such counterpart, and to forward two such counterparts to the Housing and Home Finance Agency, together with such other documents relative to the approval and execution of such counterparts and to this Resolution as may be required by the Government.

The foregoing resolution was adopted by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stratton.

PROCUREMENT OF TAX-FREE ALCOHOL

Mr. H. M. Edwards, as Director of Purchases, was authorized by name to sign documents pertaining to procurement of tax-free alcohol. *His retirement requires a change in this authorization.*

The Secretary presented the following resolution authorizing the Director of Purchases and the Comptroller by title to sign such documents:

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 Director of Purchases and Comptroller 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 medicinal extracts, ether or chloroform, and in combining pharmaceutical preparations, and for sterilization of instruments, and external applications, and for any and all other allied purposes for and in behalf of this public corporation, and that the affixing by 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 Director of Purchases and Comptroller of this public corporation.

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

JANUARY AND FEBRUARY MEETINGS

On motion of Mrs. Watkins, the Board voted to hold its January, 1959, meeting in Urbana, Illinois, on Tuesday, January 20, 1959, at an hour and place to be determined by the President and the Secretary of the Board.

On motion of Mr. Swain, the Board voted to hold its February, 1959, meeting in Chicago, Illinois, on Thursday, February 19, 1959, at an hour and place to be determined by the President and the Secretary of the Board.

EXECUTIVE SESSION

At this point, on motion of Mr. Swain, an executive session was ordered for consideration of the following items of business.

ACQUISITION AND TRANSFER OF LAND

(25) Mr. Hartwell C. Howard of Champaign has offered to give the University of Illinois Athletic Association approximately 154 acres of land immediately south of, and adjoining, the University of Illinois Golf Course at Savoy under the following conditions:

1. That the Athletic Association shall agree to develop within four years from the date of acquiring the land a public golf course upon not less than 120 acres of the land transferred and to operate this golf course under the conditions hereinafter set forth for a period of not less than fifty years.
2. The golf course shall be operated for the use and benefit of the public generally during the normal golfing season on each Saturday, Sunday, and two other days of the week. On the other three days of the week preference may be given to the use of the course by students and faculty of the University of Illinois.
3. The daily fee for the use of said golf course shall not exceed the average of the daily fees charged by public courses in the counties of Champaign, Vermilion, Coles, and McLean, Illinois.
4. When the fifty-year period has expired, there shall be no further restriction on the use of the premise, providing, however, that the golf course may be abandoned during said period of fifty years and the land sold, if a golf course with comparable facilities and operated under the same terms and conditions provided is opened and operated by the Athletic Association.
5. The Athletic Association is authorized to sell any land in excess of the 120 acres specified for the golf course, providing that the proceeds of such sale as may be deemed necessary by the Athletic Association may be used to defray the cost of developing the golf course and the excess, if any, may be used by said Association, providing the golf course has been developed, as the Athletic Association may determine.

Mr. Howard desires to retain within this general area approximately eight acres of land which he will deed to an individual as a home site. In the opinion

of officers of the Athletic Association, an area of eight acres in the northeast corner of the present golf course would interfere the least with the development of another golf course since this area is now used as a practice fairway. Title to this property is in the University of Illinois. It is therefore proposed that the University transfer approximately eight acres of land described below to the University of Illinois Athletic Association in consideration for the air rights over the property to be acquired from Mr. Howard, and with the understanding that the Athletic Association will develop on the land it acquires from Mr. Howard an eighteen-hole golf course in use of which some preference will be given to University students and faculty as indicated above.

I concur.

Mr. Williamson reported that this proposal had been considered by the Committee on Buildings and Grounds at a meeting held earlier in the day, and that the Committee voted to recommend approval.

Mr. Williamson offered the following resolution and moved its adoption.

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, in the County of Champaign, and State of Illinois, that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized and directed, to execute, acknowledge, and deliver, in the name and in behalf of, this public 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 the Athletic Association of the University of Illinois, a not-for-profit corporation of the State of Illinois, with its principal office in the City of Champaign, in the County of Champaign, and State of Illinois, all right, title, and interest in and to the following described property except that air rights shall be retained for the benefit of this public corporation, its successors and assigns, and the general public at large, for the free, unobstructed passage of aircraft, by whomsoever owned or operated, in and through the air space over and across the following described property, Eight Hundred and Nineteen feet (819') Mean Sea Level, and above, [The Northeast end of Northeast-Southwest Runway 22, University of Illinois Airport, is Seven Hundred Forty-Four feet (744') Mean Sea Level elevation and therefore air rights will be retained in the air space over said property which is seventy-five feet or more than seventy-five feet higher than the elevation of the Northeast end of Northeast-Southwest runway 22]; and provided that the Athletic Association of the University of Illinois, Grantee, its successors and assigns, shall be prohibited from constructing, permitting, or suffering to remain upon said lands any obstruction that extends above the heights aforesaid and that Grantee, its successors and assigns shall not hereafter use or permit or suffer use of the following described property in such a manner as to create electrical interference with radio communication between the installation upon the University of Illinois Airport and aircraft or as to make it difficult for fliers to distinguish between airport lights and others, or as to result in glare in the eyes of fliers using the said airport, or as to impair visibility in the vicinity of the airport, or as otherwise to endanger the landing, taking off, or maneuvering of aircraft; to-wit:

Beginning at a stone at the Northeast (N.E.) corner of Section Two (2), in Township Eighteen North (T 18 N), Range Eight East (R 8 E) of the Third Principal Meridian (3rd P.M.), thence South 0° 00' W 33.00 feet along the East line of said Section to the true point of beginning; thence South 0° 00' W 845.11 feet along the East line of said Section Two (2); thence North 90° 00' W 150 feet; thence North 31° 05' 15" W 378.49 feet; thence North 00° 00' W 173.00 feet; thence North 42° 14' 20" W 291.59 feet; thence North 1° 02' E 141.68 feet; to a point 33 feet South of the North line of said Section Two (2); thence S 88° 59' 00" E 538.97 feet along a line parallel to the North line of said Section Two (2) to the East line of said Section Two (2), the true point of beginning, situated in the County of Champaign and State of Illinois.

Said conveyance shall be made by said Comptroller and Secretary upon receipt from the Athletic Association of the University of Illinois, of a duly authorized conveyance warranting and conveying to this public corporation, its successors and assigns, for the benefit of this public corporation, its successors and assigns, and the general public at large, an easement and right of way for the free, unobstructed passage of aircraft, by whomsoever owned or operated, in and through the air space over and across the property bounded and described as follows:

The Southeast Quarter (SE $\frac{1}{4}$) of Section Two (2) in Township Eighteen North (T 18 N), Range Eight East (R 8 E) of the Third Principal Meridian (3rd P.M.) in the County of Champaign, and State of Illinois;

provided, however, that the air space in which said easement and right of way is granted shall be that which lies above the following heights:

Seven Hundred Sixty-Seven feet (767') Mean Sea Level elevation and above, over and across the following described tract of land:

The West (W) Twelve Hundred feet (1200') of the North (N) Twelve Hundred feet (1200') of the Southeast Quarter (SE $\frac{1}{4}$) of Section Two (2) in Township Eighteen North (T 18 N), Range Eight East (R 8 E) of the Third Principal Meridian (3rd P.M.) in the County of Champaign and State of Illinois, hereinafter referred to as "Tract One;" and

Seven Hundred Ninety-Four feet (794') Mean Sea Level elevation and above, over and across the following described tract of land:

The West One-Half (W $\frac{1}{2}$) of the Southeast Quarter (SE $\frac{1}{4}$) of Section Two (2) except the West (W) Twelve Hundred feet (1200') of the North (N) Twelve Hundred feet (1200') of said Section Two (2) all in Township Eighteen North (T 18 N), Range Eight East (R 8 E) of the Third Principal Meridian (3rd P.M.) in the County of Champaign and State of Illinois, hereinafter referred to as "Tract Two"; and

Eight Hundred Nineteen feet (819') Mean Sea Level elevation and above, over and across the following described tract of land:

The East One-Half (E $\frac{1}{2}$) of the Southeast Quarter (SE $\frac{1}{4}$) of Section Two (2) in Township Eighteen North (T 18 N), Range Eight East (R 8 E), of the Third Principal Meridian (3rd P.M.) in the County of Champaign and State of Illinois, hereinafter referred to as "Tract Three;"

[The Northeast end of Northeast-Southwest Runway 22, University of Illinois Airport, is Seven Hundred Forty-Four feet (744') Mean Sea Level elevation and, therefore, the aforesaid heights are Twenty-Three feet (23') over Tract One, Fifty feet (50') over Tract Two, and Seventy-Five feet (75') over Tract Three, higher than the Northeast end of said runway.] and

provided further that said conveyance shall contain covenants that the Athletic Association of the University of Illinois, its successors and assigns, shall not hereafter construct or permit or suffer to remain upon said lands any obstruction that extends above the heights aforesaid; and that the Athletic Association of the University of Illinois, its successors and assigns, shall not hereafter use or permit or suffer use of the above-described lands in such a manner as to create electrical interference with radio communication between the installation upon the University of Illinois Airport and aircraft, or as to make it difficult for fliers to distinguish between airport lights and others, or as to result in glare in the eyes of fliers using the said airport, or as to impair visibility in the vicinity of the airport, or as otherwise to endanger the landing, taking off, or maneuvering of aircraft.

The aforesaid covenants and conditions imposed shall be binding upon the Athletic Association of the University of Illinois, its successors and assigns, and shall run with the lands of the Athletic Association of the University of Illinois, as hereinabove described, for the benefit of this public corporation, and its successors and assigns in the ownership and operation of the aforesaid University of Illinois Airport until said Airport shall be abandoned and shall cease to be used for airport purposes.

The foregoing resolution was adopted by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr.

Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stratton.

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.)

ARCILLA, RENE A., Clinical Instructor in Pediatrics (Medicine), ten months from November 1, 1958, without salary (10-27-58).

ATTERBURY, ROBERT A., Clinical Assistant Professor of Surgery (Medicine), without salary; and Assistant Professor of Oral and Maxillofacial Surgery (Dentistry), 5/100 time, \$350, one year from September 1, 1958, supersedes (10-10-58).

BARATZ, ROBERT A., Research Associate in Radiology (Medicine), November 1, 1958-June 15, 1959, \$500 a month, supersedes (10-27-58).

BENFORD, MYRON C., Clinical Associate in Ophthalmology (Medicine) and Director of Clinics and of Admissions in, and Associate Medical Director of, the Research and Educational Hospitals, $\frac{3}{4}$ time, one year from September 1, 1958, \$10,300, supersedes (10-17-58).

BETZ, RONALD P., Registered Pharmacist in Hospital Pharmacy (Pharmacy), eleven months from October 1, 1958, \$5600 a year (10-16-58).

BRUNSCHWIG, FREDERIC S., Research Associate in Electrical Engineering (S), ten months from November 1, 1958, \$7300 a year, supersedes (10-24-58).

BURNSTOCK, NOMI, Research Assistant in Animal Science (S), ten months from September 1, 1958, \$4000 (10-31-58).

CAVINS, ELMER W., Associate Professor of Hygiene and Medical Adviser on indefinite tenure, and Special Duty Physician for one year (Health Service), beginning September 1, 1958, \$12,767 a year, supersedes (10-2-58).

CHANNAPRAGADA, MRS. CLAUDE, Assistant Supervisor of Testing (Student Counseling Service), ten months from November 1, 1958, \$4400 a year (11-1-58).

CIZEVSKA, TATJANA, Instructor in Russian, academic year beginning September 1, 1958, \$5400 (11-3-58).

DAVIS, THOMAS N., III, Clinical Instructor in Psychiatry (Medicine), eleven months from October 1, 1958, without salary (10-27-58).

DE CATALDO, FRANCESCO, Assistant in Medicine (Medicine), one year from July 1, 1958, without salary (10-11-58).

DELFS, HARRY J., JR., Instructor in the Physical Sciences (Chicago Undergraduate Division), $\frac{3}{4}$ time, to render service during the first semester of the academic year, September 1, 1958-January 31, 1959, \$1600 (11-3-58).

DUDA, HELEN, Instructor in English, to render service during the first semester of the academic year, September 1, 1958-February 28, 1959, \$366.67 a month (10-11-58).

EDWARDS, ROBERT W., Lecturer in Architecture, September 16, 1958-January 31, 1959, \$2700 (10-24-58).

EVERETT, HENRY C., III, Assistant Professor of Hygiene, Medical Adviser, and Special Duty Physician (Health Service), one year from September 1, 1958, \$11,067, supersedes (10-2-58).

FANG, FU, Research Assistant in Electrical Engineering (S), one year from September 1, 1958, \$5270 (10-20-58).

FINDER, EARL F., Associate Director of Illini Union, eleven months from October 1, 1958, \$9750 a year; for the convenience of the University he will also be furnished one meal a day while on duty (10-15-58).

GRAFFIS, DON W., Assistant in Agronomy (S), eleven months from October 1, 1958, \$5000 a year, supersedes (10-31-58).

GRIFFITHS, JOHN D., Clinical Instructor in Surgery (Medicine), $\frac{1}{4}$ time, eleven months from October 1, 1958, \$1400 a year (10-20-58).

HAYDEN, EDGAR C., Associate Professor of Electrical Engineering (C), eleven months from October 1, 1958, \$10,400 a year, supersedes (10-27-58).

- HEDBERG, DONALD D., Instructor in the Physical Sciences (Chicago Undergraduate Division), to render service during the academic year, September 10, 1958-August 31, 1959, \$5000 a year (11-3-58).
- HINKAMP, JOSEPH F., Clinical Assistant in Surgery (Medicine), eleven months from October 1, 1958, without salary (10-31-58).
- HUESING, EDUARD, Physician in the Health Service (Chicago Professional Colleges), 3/10 time, one year from September 1, 1958, \$2850 (10-16-58).
- HUNT, PATRICIA A., Research Assistant in the Control Systems Laboratory (S), September 17, 1958-August 31, 1959, \$4920 a year (10-11-58).
- HUNTINGTON, WHITNEY C., Consultant on the Building Program Committee, 13/100 time, nine months from September 16, 1958, \$2000 (11-4-58).
- IRENS, BARBARA A., Research Assistant in Chemistry, nine months from September 16, 1958, \$3600 (10-21-58).
- JANN, KLAUS, Research Associate in Chemistry, one year from January 1, 1959, \$5370 (11-4-58).
- JOHNSTON, FRANK R., Clinical Instructor in Surgery (Medicine), eleven months from October 1, 1958, without salary (10-17-58).
- JONES, C. CLYDE, Associate Professor of Economics on $\frac{1}{2}$ time, indefinite tenure, to render service during each academic year, and Assistant Dean of the College of Commerce and Business Administration for one year on "Y" basis, beginning September 1, 1958, \$8335 a year, supersedes (9-25-58).
- KAUT, CHARLES R., Visiting Lecturer in Anthropology, October 16, 1958-January 31, 1959, \$550 a month (10-27-58).
- KINZIE, MARION D., Associate Professor of Hygiene and Medical Adviser on indefinite tenure, and Assistant Director of Health Services and Special Duty Physician for one year, beginning September 1, 1958, \$13,767 a year, supersedes (10-2-58).
- KLEIN, KURT, Instructor in French, full time, September 16, 1958-January 31, 1959, \$600 a month, and $\frac{2}{3}$ time, February 1-June 15, 1959, \$400 a month, supersedes (11-3-58).
- KOCH, MRS. ANITA, Assistant in Nursing (School of Nursing), eleven months from October 1, 1958, \$4400 a year (10-3-58).
- KRISHNA MURTY, GOLLAKOTA G., Research Assistant Professor of Bacteriology (Graduate College, College of Liberal Arts and Sciences), eleven months from October 1, 1958, \$8500 a year, supersedes (10-27-58).
- KUSHNER, MEYER, Clinical Assistant in Medicine (Medicine), nine months from December 1, 1958, without salary (11-1-58).
- LAVELLE, FAITH, Research Associate in Anatomy (Medicine), one year from September 1, 1958, without salary (10-16-58).
- LAYTON, DONALD D., Instructor in Neurology, Department of Neurology and Neurological Surgery (Medicine), eleven months from October 1, 1958, without salary (11-4-58).
- LINDBERG, RICHARD C., Instructor in Theoretical and Applied Mechanics (Chicago Undergraduate Division), $\frac{1}{4}$ time, to render service during the first semester of the academic year, September 1, 1958-February 28, 1959, \$950 (10-17-58).
- MASON, JAMES M., Executive Officer in the Department of Naval Science, 1/10 time, one year from September 1, 1958, \$600 (10-22-58).
- MAST, P. EDWARD, Associate Professor of Electrical Engineering (C), eleven months from October 1, 1958, to render service during the academic year, \$7800 a year, supersedes (10-27-58).
- McLANE, WILLIAM L., Associate Professor of Hygiene and Medical Adviser on indefinite tenure, and Special Duty Physician for one year (Health Service), beginning September 1, 1958, \$12,767 a year, supersedes (10-2-58).
- MORRISON, GEORGE A., Research Assistant in Chemistry, one year from October 1, 1958, \$5000 (10-21-58).
- MORTLOCK, ROBERT P., Research Assistant in Bacteriology, October 13, 1958-June 15, 1959, \$400 a month (10-20-58).
- NICHOLS, CHARLES H., Associate Professor of Hygiene and Medical Adviser on indefinite tenure, and Special Duty Physician for one year (Health Service), beginning September 1, 1958, \$12,767 a year, supersedes (10-2-58).
- NOMURA, MASAYASU, Research Associate in Bacteriology, ten months from November 1, 1958, \$7200 a year (10-15-58).

- NOTANI, G. W., Research Assistant in Chemistry, four months from September 1, 1958, \$375 a month (10-7-58).
- NOVOSEL, DOLORES T., Assistant in Nursing (School of Nursing), eleven months from October 1, 1958, \$4770 a year (10-24-58).
- POWERS, JOANN S., Research Assistant in Dairy Science (S), September 22, 1958-August 31, 1959, \$4400 a year (10-15-58).
- RAO, TARA, Assistant in Animal Science (S), full time, two months from October 1, 1958, \$366.66 a month; $\frac{1}{2}$ time for one month from December 1, 1958, \$183.33 a month, supersedes (10-24-58).
- RASMUSSEN, MRS. LORE M., Research Associate in Education (University High School), $\frac{3}{4}$ time, nine months from September 16, 1958, \$4000 (10-11-58).
- RIEKSTNIECE, EMILIJA, Research Assistant in Histology (Dentistry), eleven months from October 1, 1958, \$5000 a year (10-21-58).
- SAMP, BERNARD A., Assistant Professor of Hygiene, Medical Adviser, and Special Duty Physician (Health Service), one year from September 1, 1958, \$11,567, supersedes (10-2-58).
- SCHACHT, SYLVIA, Assistant in English, September 16, 1958-January 31, 1959, \$400 a month (10-11-58).
- SCOBEL, HUGO, Lecturer in Mechanical Engineering (C), eight months from October 16, 1958, \$611.11 a month (10-15-58).
- SEN, ARUN K., Assistant Professor of Anesthesiology, Department of Surgery (Medicine), 65/100 time, ten months from November 1, 1958, \$4800 a year, supersedes (10-27-58).
- SHUSTER, CHARLES W., Research Associate in Chemistry, four months from September 1, 1958, \$447.50 a month (10-24-58).
- STEWART, MRS. MARY E., Research Assistant in Psychiatry (Medicine), October 6, 1958-August 31, 1959, \$5400 a year (10-27-58).
- TOBINAGA, SEISYO, Research Associate in Chemistry, one year from September 1, 1958, \$5370 (10-13-58).
- TORT, FREDINA J. C., Instructor in Foreign Languages (Chicago Undergraduate Division), full time, four months from November 1, 1958, \$5400 a year, and $\frac{1}{2}$ time, six months from March 1, 1959, \$2700 a year, to render service during the academic year, supersedes (11-3-58).
- VADOPALAS, PATRICIA J., Instructor in Occupational Therapy (Medicine), eleven months from October 1, 1958, \$5370 a year (10-17-58).
- VANDAM, GERRIT C., Research Assistant in Dairy Science (S), October 8, 1958-August 31, 1959, \$4400 a year (10-24-58).
- VENEMA, WILLIAM, JR., Instructor in Operative Dentistry (Dentistry), $\frac{3}{5}$ time, eleven months from October 1, 1958, \$2400 a year (10-16-58).
- VERDEYEN, JOSEPH T., Instructor in Electrical Engineering (C), one year from September 1, 1958, \$7090, supersedes (10-20-58).
- WALLACE, KARL R., Professor of Speech and Head of the Department, indefinite tenure beginning September 1, 1958, \$15,000 (10-28-58).
- WARD, DAVID A., Research Assistant in Sociology, October 16, 1958-August 31, 1959, \$4800 a year (10-20-58).
- WARE, EDWARD E., Research Associate in the Institute of Communications Research, eleven months from October 1, 1958, \$7000 a year, supersedes (10-15-58).
- WATTS, DONALD, Clinical Instructor in Psychiatry (Medicine), eleven months from October 1, 1958, without salary (10-27-58).
- WEEKS, WALTER L., Associate Professor of Electrical Engineering (C), eleven months from October 1, 1958, to render service during the academic year, \$8500 a year, supersedes (10-27-58).
- WESTON, P. E., Research Assistant in Physics (C), September 22, 1958-August 31, 1959, \$6000 a year (10-31-58).
- WESTON, PATRICIA G., Research Assistant in Chemistry, five months from September 1, 1958, \$400 a month (10-21-58).
- WHITCOMB, ROBERT F., Research Assistant in Botany, eleven months from October 1, 1958, \$4400 a year, supersedes (10-21-58).
- WILCOX, ALFRED L., Instructor in Theoretical and Applied Mechanics (Chicago Undergraduate Division), $\frac{1}{3}$ time, to render service during the first semester of the academic year, six months from September 1, 1958, \$600 (10-20-58).

- WILSON, PAUL E., Instructor in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, February 1-June 15, 1959, \$1250 (11-6-58).
ZAMBITO, RAYMOND F., Assistant in Oral Surgery, Department of Oral and Maxillofacial Surgery (Dentistry), one year from September 1, 1958, without salary (10-11-58).

GRADUATE FELLOWS

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

- ANSARI, NAZIR A., Fellow in Management, February 1-June 15, 1959, \$750, super-sedes (10-8-58).
BODE, VERNON C., Research Corporation Fellow in Biochemistry, nine months from September 16, 1958, \$1800 (10-27-58).
BRAKE, JON M., Chas. Pfizer and Company Fellow in Biochemistry, nine months from September 16, 1958, \$1800 (10-20-58).
COTE, JAMES A., Firestone Tire and Rubber Company Fellow in Chemistry, October 1, 1958-June 15, 1959, \$1500 (10-13-58).
GERSON, STANLEY J., United States Public Health Service Fellow (Trainee) in Dentistry, one year from September 15, 1958, \$345.83 a month (10-24-58).
JONES, ALICE J., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, nine months from September 16, 1958, \$1800 (10-16-58).
MARSHALL, F. JAMES, United States Public Health Service Fellow (Trainee) in Dentistry, eight months from October 14, 1958, \$462.50 a month (10-24-58).
MINARD, RUSSELL L., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, nine months from September 16, 1958, \$1800 (10-16-58).
SALVO, CARMEN G., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1958, \$1600 (10-16-58).
STEINMETZ, DONALD K., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, nine months from September 16, 1958, \$1800 (10-10-58).
SUMMER, HARRY H., Illinois Consumer Finance Association Fellow in Finance and Marketing, nine months from September 16, 1958, \$1000 (10-10-58).
WOLFE, JAMES E., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, nine months from September 16, 1958, \$1800 (10-10-58).
WRIGHT, ROBERT E., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, nine months from September 16, 1958, \$1800 (10-10-58).
YAMAMOTO, ALICE M., Hackett Fellow in Home Economics, February 1-June 15, 1959, \$750 (10-10-58).
YANO, NOBUMITSU, American Dairy Association Fellow in Food Technology, nine months from September 16, 1958, \$1500 (10-27-58).

RESIGNATIONS AND DECLINATIONS

- ADLER, SELMA, Fellow in Anthropology—resignation effective February 1, 1959.
BAHNFLETH, DONALD R., Research Assistant Professor of Mechanical Engineering—resignation effective January 1, 1959.
DIAMOND, MRS. ANITA, Assistant Supervisor of Testing in the Student Counseling Service—resignation effective November 1, 1958.
FISHERMAN, ELMER W., Clinical Instructor in Medicine (Medicine)—resignation effective October 1, 1958.
GLAYSHER, GORDON A., Instructor in Operative Dentistry (Dentistry)—declination effective September 1, 1958.
GORDON, ARCHER S., Research Associate in Clinical Science (Medicine)—resignation effective November 1, 1958.
HART, MARJORIE B., Resident Assistant, Allen Hall—declination effective August 19, 1958.
HUG, CARL, Fellow in the Chicago Professional Colleges—declination effective September 1, 1958.

- JACH, EDWIN T., Research Assistant in the Aeromedical and Physical Environment Laboratory — resignation effective October 1, 1958.
- JAUNZEMIS, MAIJA B., Apprentice Pharmacist in Hospital Pharmacy (Pharmacy) — resignation effective November 22, 1958.
- LAKIN, MARTIN, Clinical Instructor in Psychology (Medicine) — resignation effective October 16, 1958.
- LIPKE, HERBERT, Research Associate in Entomology — resignation effective October 16, 1958.
- MAY, PERCY C., JR., United States Public Health Service part-time Medical Student Fellow (Trainee) in Psychiatry (Chicago Professional Colleges) — resignation effective November 1, 1958.
- MENGELKOCH, ROBERT F., Research Associate in Psychology — resignation effective September 1, 1958.
- NAGHIZADEH, JAMSHID N., Research Assistant in Medicine (Medicine) — resignation effective October 1, 1958.
- PALMER, WILFRED, Research Associate in Physics — resignation effective August 1, 1958.
- POLLAK, VICTOR E., Research Associate in Medicine (Medicine) — resignation effective October 1, 1958.
- RICHARDSON, JAMES A., Ford Foundation Postdoctoral Fellow in the Institute for Research on Exceptional Children — resignation effective January 15, 1959.
- SCHARFF, RAYMOND, Fellow in the Chicago Professional Colleges — declination effective September 1, 1958.
- SIMMEL, MARIANNE, Clinical Associate Professor of Psychology (Medicine) — resignation effective November 16, 1958.
- STANLEY, SAMUEL L., Visiting Lecturer in Anthropology — resignation effective October 15, 1958.

LEAVES OF ABSENCE

- AUDRIETH, LUDWIG F., Professor of Inorganic Chemistry — leave of absence, without salary, for two years from September 1, 1959, so that he may serve as scientific adviser to the American Ambassador to the West German Republic at Bonn, Germany.
- BRIMHALL, PAULINE N., Assistant Professor of Health Education (Home Economics) (E) — sabbatical leave of absence changed from full year beginning September 1, 1958, on one-half pay, to six months from February 1, 1959, on full pay.

ILLINOIS COMMISSION OF HIGHER EDUCATION

President Henry reported that the Illinois Commission of Higher Education has requested the state universities to appoint staff representatives to serve on a Committee on Joint Studies, and representatives of their governing boards to serve on a Liaison Committee.

Dr. Royden Dangerfield, Associate Provost and Dean of Administration, has been designated to serve on the former Committee. President Park Livingston has been serving as delegate, and Mrs. Frances B. Watkins as alternate delegate, at meetings of the commission, and President Henry requested that they be designated as representatives on the Liaison Committee.

It was the consensus of the Board that these assignments would be appropriate.

On motion of Mr. Bissell the Board adjourned.

A. J. JANATA
Secretary

PARK LIVINGSTON
President

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

December 17, 1958



The December meeting of the Board of Trustees of the University of Illinois was held in the Directors' Room of the First National Bank of Chicago, Chicago, Illinois, on Wednesday, December 17, 1958, beginning at 11:30 a.m.

The following members of the Board were present: Mr. Cushman B. Bissell, Mr. Wirt Herrick, Mrs. Doris S. Holt, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Park Livingston, Mr. Vernon L. Nickell, Mrs. Frances B. Watkins, Mr. Kenney E. Williamson. Governor William G. Stratton and Mr. Timothy W. Swain were absent.

Also present were President David D. Henry, Vice-President and Provost Gordon N. Ray, Dr. H. E. Longenecker, 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 Department, Mr. Ralph F. Lesemann, Legal Counsel, Mr. Vernon L. Kretschmer, Director of Housing, 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.

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. WILLIAM H. COWLEY, George A. Miller Visiting Professor of Education, four and one-half months from February 1, 1959, at a salary of \$5,500 (G).
2. JEFFREY C. P. MILLER, Visiting Professor, Digital Computer Laboratory, Graduate College, four and one-half months from September 16, 1959, at a salary of \$5,500 (G).
3. KAZUHIKO NISHIJIMA, Professor of Physics, one year from September 1, 1959, at a salary of \$12,500 (D).
4. FRANK H. T. RHODES, Visiting Professor of Geology, first semester of 1959-60, at a salary of \$6,000 (G).
5. FRANK R. SHROFF, Visiting Associate Professor of Oral Pathology, College of Dentistry, eleven months from February 1, 1959, at a salary of \$7,700 for the period (G).

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

HEADSHIP OF DEPARTMENT OF CHEMISTRY IN COLLEGE OF PHARMACY

(2) The Dean of the College of Pharmacy and the Vice-President in charge of the Chicago Professional Colleges recommend the appointment of Dr. James E. Gearien, presently Associate Professor of Chemistry, as Professor of Chemistry on indefinite tenure and Head of the Department of Chemistry in the College of Pharmacy beginning January 1, 1959, at a salary of \$12,000 a year on "Y" basis.

The Board of Trustees has authorized the reorganization of the College of Pharmacy, previously not departmentalized, into four departments: Pharmacy, Chemistry, Pharmacognosy and Pharmacology, and Pharmaceutical Administration. The appointment of Dr. Gearien will fill the vacancy in the new Department of Chemistry.

This appointment was recommended by a search committee, members of the Department of professorial rank have been consulted, and the Vice-President and Provost and the Dean of the Graduate College concur.

I recommend approval.

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

RESOLUTION AUTHORIZING HOUSING REVENUE BONDS

Mr. Herrick presented the following resolution:

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 student residence halls, apartments, staff housing facilities, dormitories and related facilities 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 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 and to enlarge or improve existing facilities from time to time for the purpose of housing 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, 1957, and all laws amendatory thereof and supplemental thereto; and

WHEREAS, For the purpose of issuing and selling said revenue bonds on the most advantageous basis, it is necessary that the same be secured by a pledge of the revenues of any and all such facilities of the University of Illinois, as hereinafter defined;

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, any Vice-President, the Secretary, any Assistant Secretary, the Treasurer or the 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 "*Bond Counsel*" shall mean counsel chosen by the University and satisfactory to the Trustee who is an attorney or firm of attorneys whose opinions as to the legality of municipal bonds or public securities issued by the State of Illinois, or agencies, institutions or political subdivisions thereof, are generally acceptable to purchasers of such securities.

The term "*Bonds*" shall mean and include any and all bonds of all series, issued under this Resolution.

The term "*certified copy of a resolution*" shall mean a copy of a resolution certified by the Secretary of the Board of Trustees to have been, by the requisite majority of the Board of Trustees, duly passed and adopted at a meeting thereof duly called and convened.

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 all facilities financed pursuant to this Resolution, the cost of which is paid in whole or in part through the issuance of Bonds and the existing facilities mentioned in Section 5.01 from and after the date of payment in full of the currently outstanding obligations originally issued to finance the cost of construction thereof.

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 authenticated 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 maximum dollar amount of student tuitions pledged or to be pledged to supplement the revenues of the facilities for the payment of all Bonds then outstanding and then to be issued; plus

(f) The income during the preceding fiscal year from investments of funds in the Bond and Interest Sinking Fund.

With respect to housing facilities, the computation of estimates provided for in this definition shall be based on an assumed occupancy of not more than 95% of the housing facilities in question. 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 an independent public accountant or 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. Net income for the purposes of this definition shall be determined by deducting from the gross revenues or estimated gross revenues for the period in question, all operating expenses or estimated operating expenses for such period.

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 and reasonable repairs necessary to properly maintain such facilities (including reasonable reserves therefor), taxes (if any), fees and expenses of the Trustee and paying agents and any expenses required to be paid pursuant to this Resolution but excluding depreciation, capital replacements and improvements 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 "*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 tuitions*" shall mean only the general student tuition charges of the University and shall not include special student fees, service charges or funds derived from any other sources.

The term "*Trustee*" shall mean The First National Bank of Chicago or its successor for the time being as Trustee hereunder.

The term "*University Counsel*" shall mean the attorney or firm of attorneys from time to time designated by the Board of Trustees.

ARTICLE TWO

AUTHORIZATION, DESIGNATION, FORM, EXECUTION, AUTHENTICATION, 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 authenticated, delivered and issued hereunder. The aggregate principal amount of Bonds which may be so authenticated, 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. *Initial Project and Purpose of Initial Issue of Bonds.* The initial project (hereinafter designated "Project A") to be acquired, constructed, equipped, and completed hereunder is described in a general way as:

1. One story Central Food Stores Building (for the purpose of servicing all University residence halls) to be located south of Stadium Drive and east of the Illinois Central Railroad in Champaign, Illinois;
2. One story Snack Bar and Service Building (containing facilities for mail distribution and personal services for all University men's residence halls in the immediate area) to be located at Euclid and Gregory Drive in Champaign, Illinois; and
3. Apartments for 120 married students, to be located east of Orchard Street and south of Florida Avenue in Urbana, Illinois.

The estimated cost of said Project A is \$3,150,000 exclusive of land and exclusive of any pro rata part of the University power and heating plant serving the project and the estimated cost of each portion of said Project A 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 A, that the University borrow the sum of Three Million One Hundred Fifty Thousand Dollars (\$3,150,000), and in evidence thereof to issue its Housing Revenue Bonds hereunder in said principal amount.

SECTION 2.03. *Terms of Series A Bonds and Series B Bonds.* The Bonds to be initially issued hereunder shall be substantially in the form and of the tenor and purport hereinafter set forth and shall be limited to the aggregate principal amount of Three Million One Hundred Fifty Thousand Dollars (\$3,150,000) at any one time outstanding, One Million Six Hundred Twenty-Five Thousand Dollars (\$1,625,000) of which shall be designated "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1958, Series A" (hereinafter called "Series A Bonds"), and the remaining One Million Five Hundred Twenty-Five Thousand Dollars (\$1,525,000) principal amount thereof shall be designated "The Board of Trustees of The University of Illinois Housing Revenue Bonds of 1958, Series B" (hereinafter called "Series B Bonds").

The Series A Bonds and the Series B Bonds shall be issued as negotiable coupon bonds dated October 1, 1958, 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, 1959, in which case they shall be dated October 1, 1958. 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, 1958, payable semi-annually on the first days of April and October in each year until paid, commencing April 1, 1959, at the rates provided below and shall mature in the following amounts on October 1 of the following years:

Year of Maturity	Series A Bonds			Series B Bonds		
	Amount	Interest	Rate	Amount	Interest	Rate
1960.....	\$ 15,000	10	%	\$ 15,000	3%	
1961.....	20,000	10	%	15,000	3%	
1962.....	20,000	10	%	15,000	3%	
1963.....	20,000	10	%	20,000	3%	
1964.....	25,000	10	%	20,000	3%	
1965.....	25,000	10	%	20,000	3%	
1966.....	25,000	10	%	25,000	3%	
1967.....	30,000	5	%	25,000	3%	
1968.....	35,000	3.5	%	30,000	3%	
1969.....	35,000	3.5	%	30,000	3%	
1970.....	35,000	3.5	%	35,000	3%	
1971.....	40,000	3.5	%	35,000	3%	
1972.....	40,000	3.7	%	35,000	3%	
1973.....	40,000	3.7	%	40,000	3%	
1974.....	40,000	3.7	%	40,000	3%	
1975.....	45,000	3.7	%	40,000	3%	
1976.....	45,000	3.8	%	40,000	3%	
1977.....	45,000	3.8	%	45,000	3%	
1978.....	50,000	3.8	%	45,000	3%	
1979.....	50,000	3.8	%	45,000	3%	
1980.....	50,000	3.9	%	50,000	3%	
1981.....	55,000	3.9	%	50,000	3%	
1982.....	55,000	3.9	%	55,000	3%	
1983.....	60,000	3.9	%	55,000	3%	
1984.....	60,000	4	%	60,000	3%	
1985.....	65,000	4	%	60,000	3%	
1986.....	65,000	4	%	65,000	3%	

<i>Year of Maturity</i>	<i>Series A Bonds</i>		<i>Series B Bonds</i>	
	<i>Amount</i>	<i>Interest Rate</i>	<i>Amount</i>	<i>Interest Rate</i>
1987.....	\$ 70,000	4 %	\$ 65,000	3%
1988.....	70,000	4.1%	70,000	3%
1989.....	75,000	4.1%	70,000	3%
1990.....	75,000	4.1%	75,000	3%
1991.....	80,000	4.1%	75,000	3%
1992.....	80,000	4.1%	80,000	3%
1993.....	85,000	1 %	80,000	3%
	<u>\$1,625,000</u>		<u>\$1,525,000</u>	

The Series A Bonds and the Series B Bonds shall be redeemable prior to their maturity at the option of the Board of Trustees, either in whole or in part, on October 1, 1968, or on any interest payment date thereafter 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>	
	<i>Series A Bonds</i>	<i>Series B Bonds</i>
October 1, 1968 through April 1, 1973.....	3 %	3 %
October 1, 1973 through April 1, 1978.....	2½ %	2½ %
October 1, 1978 through April 1, 1983.....	2 %	2 %
October 1, 1983 through April 1, 1988.....	1½ %	1½ %
October 1, 1988 or thereafter and prior to maturity...	1 %	1 %

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 Series A and Series 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 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 2.05. *Form of Bonds.* The definitive coupon Bonds of Series A and Series B, the interest coupons to be attached thereto, the form of fully registered Bonds without coupons of Series A and Series B, the form of registration endorsement to appear on all coupon Bonds, the certificate of authentication of the Trustee to appear on all Bonds and the form of assignment to appear on the fully registered Bonds 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 1958
 (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, 1959, and semi-annually 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 issue of Dollars (\$.....) principal amount of Housing Revenue Bonds of 1958, Series, which, with the Series Bonds constitute an initial issue of Three Million One Hundred Fifty Thousand Dollars (\$3,150,000), 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, 1958, 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 October 1, 1968, 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 October 1, 1968, through April 1, 1973; Two and one-half per cent (2½%) of the principal amount thereof if redeemed October 1, 1973, through April 1, 1978; Two per cent (2%) of the principal amount thereof if redeemed October 1, 1978, through April 1, 1983; One and one-half per cent (1½%) of the principal amount thereof if redeemed on October 1, 1983, through April 1, 1988; and One per cent (1%) of the principal amount thereof if redeemed on October 1, 1988 or thereafter and prior to maturity.

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 and also in a financial newspaper 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, 1957, 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 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 \$115,000 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 (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 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 signature of its President and signed by 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, 1958.

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 1958, Series _____, dated _____, 1958, 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
 HOUSING REVENUE BOND OF 1958
 (Series)

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 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, 1959, 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 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 issue of Dollars (\$.....) principal amount of Housing Revenue Bonds of 1958, Series....., which with the Series Bonds constitute an initial issue of Three Million One Hundred Fifty Thousand Dollars (\$3,150,000), 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, 1958, 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 October 1, 1968, 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 October 1, 1968, through April 1, 1973; Two and one-half per cent (2½%) of the principal amount thereof if redeemed October 1, 1973, through April 1, 1978; Two per cent (2%) of the principal amount thereof if redeemed October 1, 1978, through April 1, 1983; One and one-half per cent (1½%) of the principal amount thereof if redeemed on October 1, 1983, through April 1, 1988; and One per cent (1%) of the principal amount thereof if redeemed on October 1, 1988 or thereafter and prior to maturity.

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, and also in a financial newspaper of general circulation published in the English language 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 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, 1957, 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 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 \$115,000 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 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 signature of its President and signed by 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>

(Certificate of Authentication)

This is one of the bonds of the Series designated therein and described in the within mentioned Resolution of the Board of Trustees of the University of Illinois.

THE FIRST NATIONAL BANK OF CHICAGO,
TRUSTEE

By: _____
Authorized Officer

(Form of Assignment of Registered Bonds Without Coupons)

For Value Received _____
hereby sell, assign and transfer unto _____

_____ the within mentioned bond and hereby irrevocably constitute and appoint _____, attorney to transfer the same on the books of Registration in the office of the Trustee, as Bond Registrar, in the City of Chicago, Illinois, 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 where 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 Series A Bonds and Series 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. In authenticating any such additional Bonds permitted to be issued hereunder the Trustee shall be protected in relying on a certificate of the Comptroller or Treasurer of the Board of Trustees to the effect that the University is not in default under any of the terms, covenants or conditions of this Resolution as then amended and supplemented, that all conditions precedent to the issuance of additional Bonds have been complied with and the University is entitled to issue such additional Bonds hereunder.

SECTION 2.07. Execution and Authentication of Bonds. All of the Bonds shall be signed by the President and any two members of the Board of Trustees and shall have the seal of the University affixed thereto (or a facsimile seal or signatures as permitted by law may be imprinted, engraved or otherwise be produced 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.

Only such Bonds as shall bear thereon a certificate of authentication substantially in the form hereinabove recited, executed by the Trustee shall be entitled to any right or benefit under this Resolution. Such authentication by the Trustee upon any such Bond shall be conclusive evidence and the only evidence that the Bond so authenticated has been duly issued hereunder and such authentication shall be deemed to have been duly executed if signed by an authorized officer of the Trustee but it shall not be necessary that the same officer sign the certificate of authentication on all of the Bonds that may be issued hereunder at any one time.

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 authenticated and delivered by the Trustee, such Bond nevertheless may be authenticated, 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 or authentication 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. Before authenticating any coupon Bonds the Trustee shall cut off, cancel and cremate all matured coupons thereon unless issued in exchange for a registered Bond without coupons, in which case only such coupons as shall have matured on or prior to the last interest payment date on which interest shall have been paid on such registered Bond, shall be so cut off, cancelled and cremated. The Trustee shall deliver to the University a certificate of cremation thereof.

SECTION 2.08. Registration and Transfer of Bonds. The University shall keep at the principal office of the Trustee 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 therein, 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 Trustee shall act as registrar in effecting all registrations on the books kept at its office.

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 Trustee 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. Such registrations and discharges from registration shall be without expense to the holder of the Bonds.

Any registered Bond without coupons may be transferred at the office of the Trustee by surrender of such Bond for cancellation, accompanied by delivery of a written instrument of transfer in form approved by the Trustee, 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, and the Trustee shall authenticate and deliver the same.

A registered Bond without coupons, upon request of the registered owner, may be exchanged at the office of the Trustee 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 the Trustee shall authenticate, 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 Trustee, duly executed by the registered owner of such Bond or his duly authorized attorney, at the office of the Trustee, for exchange for coupon Bonds, the University shall issue, and the Trustee shall authenticate, 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 and the Trustee 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 and the Trustee 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 Trustee for cancellation, and the Trustee shall cancel and cremate all such Bonds in coupon form together with all unmatured coupons which are not registered as to principal and deliver a certificate thereof to the University, and shall cancel all such Bonds either in fully registered form or in coupon form and registered as to principal.

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 the fees and expenses of the Trustee 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 2.09. *Lost, Stolen, Destroyed or Mutilated Bonds.* Upon the receipt by the University and the Trustee of evidence satisfactory to them of the loss, theft, destruction or mutilation of any outstanding Bond hereby secured, and of indemnity satisfactory to them, and upon surrender and cancellation of such Bond if mutilated, the University may execute and the Trustee may authenticate 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 agreed upon by the University and by the Trustee 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, and of the expenses which may be incurred by the University and the fees and expenses of the Trustee in the premises. As to any such mutilated Bond surrendered under the foregoing provisions of this Section, the Trustee shall cremate as well as cancel all such Bonds in coupon form not registered as to principal and deliver a certificate thereof to the University.

ARTICLE THREE

REDEMPTION OF BONDS

SECTION 3.01. *Publication of Notice.* In case the University shall desire to exercise its right of redemption of all or any part of the Bonds, it shall publish in one daily newspaper printed in the English language and published and of general circulation in the City of Chicago, Illinois, and 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, at least once in each of two (2) successive calendar weeks, the first publication in such newspaper to be not less than thirty (30) days before the date fixed for redemption, a notice to the effect that the University has elected to redeem all or some specified part of the Bonds on a date therein designated, and in every case stating that on said redemption date there will become and be due and payable upon each Bond so to be redeemed, at the office of the Trustee, the principal thereof, together with the accrued interest to such date and the applicable redemption premium, if any, and that from and after such redemption date interest thereon will cease to accrue. If less than all of the Bonds of any series are to be redeemed such notice shall set forth the denominations and serial numbers of the Bonds of such series to be redeemed. If any of the Bonds to be redeemed are registered Bonds without coupons, or coupon Bonds registered as to principal, similar notice shall be sent by the University by registered or certified mail, postage prepaid, at least thirty (30) days prior to such redemption date, to the persons respectively who shall appear by the transfer register of the University to be the registered owners of such Bonds, at their addresses as the same shall appear, if at all, upon the transfer register of the University at the office of the Trustee, but such mailing shall not be a condition precedent to such redemption and failure so to mail any notice shall not affect the validity of the proceedings for the redemption of such Bonds.

In case of redemption of Bonds through the operation of any sinking fund, Bonds shall be selected for redemption and such redemption shall be made upon publication and/or mailing of notice in the manner and with the effect provided in this Article, except that such publication and/or mailing shall be made in the name of the Trustee (unless in any such case of redemption of Bonds through the operation of any sinking fund the University shall, itself, have published and/or mailed such notice in its own name prior to the time of deposit with the Trustee of the sinking fund moneys being applied to redemption, the right so to publish and/or mail such notice being hereby expressly granted and reserved to the University, subject to the supplying by the University to the Trustee of proof satisfactory to it of such publication and/or mailing).

In case of any registered Bonds without coupons which 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 be made only upon presentation of such Bonds (a) for the notation thereon of such payment on account of principal, or (b) for surrender in exchange for a coupon Bond or Bonds or a registered Bond or Bonds without coupons (as the holder may elect) of authorized denominations in aggregate principal amount equal to the unpaid portion of the principal amount thereof; and in such case, if coupon bonds or registered Bonds without coupons are so to be delivered in exchange, the University shall execute and the Trustee shall authenticate and deliver to or upon the written order of the registered owner of any Bonds, a portion only of which is to be redeemed, and at the expense of the University, a new Bond or Bonds for the principal amount of the surrendered 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 original purchaser in whose name Bonds of that series were first registered and named in a written order of an Authorized Officer filed with the Trustee and stating that the provisions of this paragraph shall be applicable thereto, the Trustee shall make payment to such Bond holder without requiring presentation of such Bond and, in lieu of noting such payment thereon or of authenticating and delivering a new Bond or Bonds of an aggregate principal amount equal to the unredeemed portion of the principal amount of such Bond, the Trustee shall, in its letter transmitting payment to such Bond holder, instruct such holder or his authorized agent to endorse such payment on such Bond and a written representation from such holder to the Trustee 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 the same proportion of the outstanding Bonds of each other series then subject to redemption are redeemed at the same time; 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 any case of redemption of less than all the outstanding Bonds of a single series and maturity, the Bonds to be redeemed shall be selected by the Trustee by lot except as herein otherwise expressly provided. In each such instance the University shall, at least ten (10) days before the date upon which the first publication of the notice of redemption hereinbefore mentioned is required to be made, notify the Trustee in writing of such election and of the aggregate principal amount of Bonds to be redeemed, and thereupon the Trustee shall draw by lot, from the outstanding Bonds, in any manner deemed by it proper, the Bonds to be redeemed, and shall notify the University in writing of the numbers of the bonds so drawn. 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.* On or before the redemption date specified in the notice above provided for, the University shall, and it hereby covenants that it will, deposit with the Trustee an amount of cash sufficient to effect the redemption of the Bonds specified in such notice, or cause the Trustee to apply to such purpose moneys theretofore deposited with the Trustee under the provisions hereof and properly available for such purpose. All moneys deposited by the University with the Trustee, or set apart by the Trustee, under the provisions of this Article Three, for the redemption of Bonds, shall be held for account of the holders thereof and shall be paid to them respectively upon presentation and surrender of said Bonds accompanied by all interest coupons maturing on and after the date fixed for redemption thereof; provided, however, if any such

Bonds shall be registered the same shall be endorsed in blank for transfer if the Trustee shall so require.

SECTION 3.05. *Effect of Redemption.* From and after the date of redemption designated in such notice (such notice having been given as aforesaid and such deposit having been made or moneys set apart as aforesaid), no further interest shall accrue upon any of the Bonds so to be redeemed (or, in the case of registered Bonds without coupons, where only a portion of the principal amount is to be redeemed, on such portion thereof); and any coupons for interest pertaining to any such Bonds and maturing after such date shall be void, and all such Bonds, in so far as such deposit shall have been made or moneys set apart as aforesaid, and all such coupons shall cease to be entitled to the benefit of this Resolution, and the University shall be under no further liability in respect thereof so long as such moneys remain on deposit and no interest shall accrue thereon on and after such redemption date.

SECTION 3.06. *Cancellation and Cremation.* All registered Bonds so redeemed shall forthwith be cancelled and delivered to the University by the Trustee, and in case of coupon Bonds not registered as to principal, shall be cremated by the Trustee which shall deliver a certificate thereof to the University.

ARTICLE FOUR

ISSUANCE OF BONDS

SECTION 4.01. *Issuance of Series A Bonds and Series B Bonds.* Series A Bonds in the principal amount of One Million Six Hundred Twenty-Five Thousand Dollars (\$1,625,000) and Series B Bonds in the principal amount of One Million Five Hundred Twenty-Five Thousand Dollars (\$1,525,000) shall be executed on behalf of the Board of Trustees and shall be authenticated by the Trustee 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 Series A Bonds and Series 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: paying the cost of constructing, equipping, completing, acquiring, enlarging or improving student residence halls, dining facilities, apartments, staff housing facilities and related facilities or to refund or refinance any or all Bonds issued hereunder and/or any or all of the obligations of the University referred to in Section 5.01 hereof, and; *provided further*, that the following conditions precedent are complied with at, or prior to the time, of the issuance of such additional Bonds:

A. The Board of Trustees shall adopt a resolution supplemental hereto, setting forth the form of such additional Bonds and the terms and conditions applicable thereto;

B. 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 of and interest on the Bonds then outstanding hereunder and the Bonds then to be issued, less any Bonds which are to be redeemed or retired with the proceeds of such additional Bonds or concurrently with the issuance thereof; and

C. Concurrently with or prior to the execution, authentication and delivery of any such additional Bonds the University shall file with the Trustee the following:

(1) A written direction for authentication signed by the Comptroller of the Board of Trustees;

(2) A certified copy of a resolution of the Board of Trustees supplemental hereto, setting forth the form of such additional Bonds and the terms and conditions applicable thereto;

(3) A certificate pursuant to Section 2.06 of the Comptroller or Treasurer of the Board of Trustees stating that the University is not at the time in default under any of the terms, covenants or provisions of

this Resolution as then supplemented, that all conditions precedent to the issuance of additional Bonds have been complied with and the University is entitled to issue such additional Bonds;

(4) A certificate prepared and certified by the Comptroller of the University, together with a certificate of an independent public accountant or firm of independent public accountants (which accountant's certificate may state that it is made in reliance on information supplied by the University, that they have made no independent examination of the books and records of the University in connection therewith, but that they know of no reason why such information is incorrect) setting forth in detail the computation of Net Income Available for Debt Service and demonstrating that it is equal to or greater than the amount required in subsection B above;

(5) An opinion of University Counsel to the effect that the University or the State of Illinois has, or will have, indefeasible title in fee simple and a valid and existing right to the use and occupancy of the proposed site and the right to construct, operate and manage the facilities thereon and that such site is not, or will not be, subject to any existing lien or other charge, and

(6) An opinion of Bond Counsel to the effect that such additional Bonds when executed, authenticated and delivered by the Trustee and issued by the Board of Trustees, will be valid and binding obligations of the Board of Trustees and will be secured by this Resolution as then supplemented, equal and pro rata with all other Bonds at the time outstanding.

ARTICLE FIVE

PROVISIONS RELATING TO INCOME AND APPLICATION THEREOF

SECTION 5.01. *Housing Revenue Bond Fund.* All revenues derived from the following sources are hereby pledged 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 Project A;
- (2) the operation of any other revenue producing facilities for the account of which additional Bonds may hereafter be issued;
- (3) the operation of the revenue producing facilities currently securing the payment of the following obligations of the University from and after the payment in full of such outstanding obligations:
 - (a) Women's Residence Halls Revenue Bonds, dated February 15, 1949;
 - (b) Student-Staff Apartments (2nd Unit) Revenue Bonds, dated May 1, 1950;
 - (c) Residence Halls Revenue Bonds of 1952, dated March 1, 1952;
 - (d) Dormitory Revenue Bonds of 1956, dated April 1, 1956;
 - (e) Women's Residence Halls Revenue Bonds of 1956, dated October 1, 1956;
 - (f) Men's Residence Halls Revenue Bonds of 1957, dated April 1, 1957; and
- (4) the operation of the Student-Staff Apartments (1st Unit) when conveyed to the Board of Trustees pursuant to the existing agreement with the University of Illinois Foundation;

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 "Housing Revenue 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 Housing Revenue Bond Fund and shall be used as provided in Section 5.02 hereof.

SECTION 5.02. *Disposition of Housing Revenue Bond Fund.* That the funds in the Housing Revenue Bond Fund shall be used in the manner and in the order hereinafter mentioned:

- (a) All current operating expenses shall first be paid from the Housing Revenue Bond Fund.

(b) A Bond and Interest Sinking Fund is hereby established with the Trustee to be held in trust for the benefit of the Bonds and the holders thereof by the Trustee and the University shall deposit in said Bond and Interest Sinking Fund a sum equal to sixty-seven and one-half per cent (67½%) of the debt service requirements for the then current fiscal year semi-annually, within sixty (60) days following June 30 and December 31 of each year, to be paid from the Housing Revenue 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 semi-annually as may be necessary to meet the then current fiscal year's debt service and to maintain the aforesaid debt service reserve. For the purpose of this paragraph interest accruing prior to the completion date of any facilities for the account of which Bonds shall have been issued, shall not be deemed to be a debt service requirement on such 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 in excess of the principal and interest requirements for the next succeeding twelve (12) months may be invested by the Trustee 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 Trustee 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) Reserves for the replacement of equipment and expenditures for minor capital additions to the facilities may, at the option of the University, be made after setting aside all funds required under paragraphs (a) and (b) above.

(d) All funds remaining in said Housing Revenue 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 unmaturing 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) hereinabove; and (5) for any lawful purpose as the Board of Trustees may direct.

SECTION 5.03. *Supplementation of Revenues.* It is hereby determined by the Board of Trustees, and it is hereby covenanted that it is necessary to supplement revenues to be derived from the facilities, referred to in this Resolution, by the use of student tuitions which are authorized by law to be retained in the Treasury of the University, and it is hereby further covenanted that if at the close of any fiscal year there is a deficiency in the Housing Revenue Bond Fund to provide for operating expenses of the facilities and/or making the deposits in the Bond and Interest Sinking Fund provided for in Section 5.02 of this Resolution in the required amounts, the Board of Trustees shall within sixty (60) days after the close of the fiscal year deposit to the credit of the said Housing Revenue Bond Fund out of student tuitions, a sum sufficient to make up such deficiency in order to meet the annual debt service required on the Bonds, the annual cost of mainte-

nance and operation of the facilities, and provide for all the accounts and covenants provided for by this Resolution or any resolution supplemental hereto, but such amount shall not, however, 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 hereof or (b) \$115,000, plus such additional sums as may be specified in any resolution supplemental hereto creating or authorizing the issuance of additional Bonds.

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 or refunding or refinancing Bonds issued hereunder or obligations of the University referred to in Section 5.01, 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 shall be deposited with the Trustee in the Bond and Interest Sinking Fund, together with such portion of the proceeds of the Bonds as is determined by the Board of Trustees to be necessary to 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. Except in the case of Bonds issued to refund or refinance other Bonds, the remaining part of such purchase price shall be retained by the University and accounted for as a separate fund or funds for each project to be known as a "Construction Fund Account" for such project and such moneys shall be deposited in a bank or banks which are members of the Federal Deposit Insurance Corporation. The moneys 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 three (3) years 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 with the Trustee in the Bond and Interest Sinking Fund. 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 (i) the redemption of such Bonds or other Bonds then subject to redemption, (ii) the purchase of Bonds on the open market, or (iii) the construction of additional facilities by the transfer of such funds to another Construction 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 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 described or referred to in Section 5.01 in perpetuity and it, or the State of Illinois, has indefeasible title in fee simple to the sites of said facilities (other than the Student-Staff Apartments (1st Unit) title to which has not yet been conveyed to the University) and it has the right to construct, equip, operate, enlarge, improve, maintain, control and manage the same, subject only to the provisions and covenants applicable to outstanding obligations established by resolutions of the Board of Trustees bearing previous date referred to and described in Section 5.01 and the rights of the holders of such obligations and 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.

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 lawfully 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 Trustees and the 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 Trustee or any successor Trustee, or 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 subject to the right of abandonment as permitted and provided in Article Eight of this Resolution 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; 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.

Notwithstanding any provision of this Resolution to the contrary, the University shall have, and it hereby reserves, the right, power and authority, exercisable by it in its sole and uncontrolled discretion without any limitation or restriction whatsoever by virtue of this Resolution, (a) to acquire property for and to erect, construct, equip, furnish, operate, control, manage and use and apply the income of all facilities (now existing or hereafter acquired) other than the facilities referred to in Section 5.01 and facilities for the account of which Bonds have been issued, authenticated and delivered under the terms of this Resolution; and (b) to issue and sell bonds under the provisions of Chapter 144 of the Illinois Revised Statutes, 1957, or otherwise, for the purpose of raising funds to acquire property for and to erect, construct, equip, furnish, operate, control and manage additional revenue producing buildings, which bonds are not, and need not be, issued under or secured by this Resolution; and (c) to raise, acquire or provide funds in any manner other than by the issuance and sale of Bonds under this or any other Resolution for the purpose of acquiring property for or to erect, construct, equip, furnish, operate, control and manage additional housing facilities.

SECTION 7.07. *Maintenance of Occupancy 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 parietal rules and regulations and fix and maintain such rates, rents, fees, and charges for the use of said facilities, as will assure maximum occupancy of the buildings and, when supplemented with student tuitions to the extent provided in Section 5.03, will provide revenue sufficient to pay the reasonable cost of operating and maintaining the facilities, and to provide and maintain the aforesaid Bond and Interest Sinking Fund and the required reserves therefor, 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, 1959, furnish to the Trustee 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 an independent public accountant or 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 each separate facility and shall show average occupancy of each facility and the schedule of rates for room rental, board and other charges. Such audit report shall also include statements of the status of each fund 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. *Inspection of Records by Trustee.* That the books, documents and vouchers relating to the facilities will at all reasonable times be open to inspection by authorized agents of the Trustee.

SECTION 7.11. *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 and the goods, wares, merchandise contained in the Central Food Stores portion of Project A, 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 with a company or companies and in a form acceptable to the Trustee and 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 with the Trustee for credit to the Bond and Interest Sinking Fund.

SECTION 7.12. *Business Interruption Insurance.* Whenever the Snack Bar and Service Building portion of Project A becomes revenue producing and so long thereafter as the funds and investments of the Bond and Interest Sinking Fund 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 Snack Bar and Service Building in an amount sufficient to enable it to credit to the Housing Revenue Bond Fund, out of the proceeds of such insurance an amount equal to the sum that would normally have been available for credit to such fund from the revenues of the damaged building during the time the damaged building is non-revenue producing as a result of loss of use caused by the perils covered by fire and extended coverage insurance. Such Business Interruption Insurance policy shall be with a company or companies and in form acceptable to the Trustee and 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 Housing Revenue Bond Fund.

ARTICLE EIGHT

ABANDONMENT OF FACILITIES

SECTION 8.01. *Conditions Under Which Facilities May Be Abandoned.* Anything in this Resolution to the contrary notwithstanding, the University may at any time and from time to time permanently abandon the use of any of its facilities if the University determines that the facility to be abandoned is to be replaced by another facility which is estimated to produce net income (after making provision for any debt service or obligations, if any, issued to finance such replacement facility) equal to or greater than the facility to be abandoned and the net income of such replacement facility will be pledged and applied as herein provided in the case of the facilities constituting Project A.

In addition the University may at any time, after the final maturity of any series of Bonds or any other obligation initially issued to provide funds for the original construction of a particular facility, permanently abandon the use of any such facility upon a determination by the Board of Trustees that age or physical condition of the facility proposed to be abandoned does not permit the economical operation thereof; provided the Net Income Available for Debt Service after giving effect to such abandonment will be equal to or greater than one and thirty-five one hundredths (1.35) times the maximum annual amount to become due in any succeeding fiscal year for the payment of principal of and interest on the Bonds then outstanding hereunder.

SECTION 8.02. *Evidence of Right of Abandonment.* All findings and determinations required to be made under this Article Eight shall be evidenced by a resolution adopted by the Board of Trustees, a certified copy of which shall be filed with the Trustee.

ARTICLE NINE

CONCERNING THE TRUSTEE, PAYING AGENT AND BOND REGISTRAR

SECTION 9.01. *Trustee, Paying Agent, Bond Registrar, Appointment and Acceptance of Duties.* The First National Bank of Chicago, a national banking association, is hereby appointed Trustee, Paying Agent and Bond Registrar. The Trustee shall signify its acceptance of the duties and obligations imposed upon it by this Resolution as Trustee, Paying Agent and Bond Registrar, by executing the Certificate of Authentication endorsed upon the Bonds, and, by executing such certificate upon any Bond the Trustee shall be deemed to have accepted such duties and obligations not only with respect to the Bond so authenticated, but with respect to all Bonds thereafter to be issued which the Trustee shall authenticate, upon

the terms and conditions set forth in this Resolution. The Trustee shall also signify its acceptance of the duties and obligations imposed upon it by this Resolution by executing and delivering to the University a written acceptance thereof. In addition to the Trustee, the University may appoint one or more banks or trust companies located within or without the State of Illinois as additional paying agent or paying agents for any one or more series of Bonds by designating such additional paying agent or agents in the form of the Bond of such series.

SECTION 9.02. *Responsibilities of Trustee.* The recitals, statements and representations contained herein and in the Bonds and coupons (exclusive of the Trustee's certificate on the Bonds) shall be taken as the recitals, statements and representations of the University and the Trustee assumes no responsibility and shall not be liable for the correctness of the same. The Trustee makes no representations as to the validity or sufficiency of this Resolution or of any resolution supplemental hereto directing the issuance of any Bonds hereunder, or of any Bonds or coupons issued thereunder or in respect of the security afforded by this Resolution, and shall not incur any responsibility in respect thereof. The Trustee shall be under no responsibility or duty with respect to the issuance of the Bonds for value or the application of the proceeds thereof or the application of any moneys paid to the University. Unless or until the happening of an event of default the Trustee shall not be responsible for the enforcement of the pledge of the receipts or the application of the revenues to pay the Bonds.

The Trustee shall be under no obligation or duty to perform any act which would involve it in expense or liability or to institute or defend any suit in respect hereof, or to advance any of its own moneys, unless indemnified to its reasonable satisfaction. The Trustee shall not be liable in connection with the performance of its duties hereunder except for its own negligence or default.

The Trustee shall be under no duty to make any investigation or inquiry regarding defaults, and may conclusively assume that there has been no default by the University in any of the matters or things to be done or performed by it, unless the Trustee is notified in writing by the holders of twenty per cent (20%) in principal amount of all Bonds then outstanding, specifying the default or act that should be performed.

Except as herein otherwise provided all funds held by the Trustee under any of the provisions of this Resolution shall be carried by the Trustee upon the books of its corporate trust department in a separate account or accounts as trust funds, and shall not be deposited in its banking department or used in the conduct of its business unless it shall first set aside in its trust department direct obligations of or obligations the principal and interest of which are guaranteed by the United States Government in an aggregate principal amount corresponding to the amount of funds so used or deposited.

SECTION 9.03. *Evidence on Which Trustee May Act.* The Trustee shall be protected in acting upon any notice, resolution, request, consent, order, certificate, estimate, report, opinion, bond or other paper or document believed by it to be genuine, and to have been signed or presented by the proper party or parties. It may consult with counsel, who may or may not be of counsel to the University, and the opinion of such counsel shall be full and complete authorization and protection in respect of any action taken or suffered by it under this Resolution in good faith and in accordance therewith.

Whenever the Trustee shall deem it necessary or desirable that a matter be proved or established prior to taking or suffering any action under this Resolution, such matter (unless other evidence in respect thereof be therein specifically prescribed) may be deemed to be conclusively proved and established by a certificate of an Authorized Officer of the University and such certificates shall be full warrant for any action taken or suffered in good faith under the provisions of this Resolution upon the faith of such certificate but in its discretion the Trustee may in lieu thereof accept other evidence of such fact or matter or may require such further or additional evidence as it may deem reasonable.

Except as otherwise expressly provided in this Resolution, any request, order, notice or other direction required or permitted to be furnished pursuant to any provision hereof by the University to the Trustee shall be sufficiently executed if executed in the name of the University by an Authorized Officer.

SECTION 9.04. *Compensation.* The University shall pay to the Trustee from time to time reasonable compensation for all services rendered under this Resolu-

tion, and also all reasonable expenses, charges, counsel fees and other disbursements, including those of its attorneys, agents, and employees, incurred in and about the performance of their powers and duties under this Resolution and the Trustee shall have a lien therefor on any and all funds at any time held by it under this Resolution. The University further agrees to indemnify and save the Trustee harmless against any liabilities which it may incur in the exercise and performance of its powers and duties hereunder, and which are not due to its negligence or default.

SECTION 9.05. *Certain Permitted Acts.* The Trustee may become the owner of any Bonds and coupons or act as depositary for or loan money to the University or the State of Illinois or any agency or department thereof, or otherwise deal therewith in each case with the same rights it would have if it were not Trustee hereunder. To the extent permitted by law, the Trustee may act as depositary for, and permit any of its officers or directors to act as a member of, or in any other capacity with respect to, any committee formed to protect the rights of Bond holders or to effect or aid in any reorganization growing out of the enforcement of the Bonds or this Resolution, whether or not any such committee shall represent the holders of a majority in principal amount of the Bonds then outstanding.

SECTION 9.06. *Resignation of Trustee.* The Trustee may at any time resign and be discharged of the duties and obligations created by this Resolution by giving not less than sixty (60) days' written notice to the University and publishing notice thereof, specifying the date when such resignation shall take effect, once in each week for two successive calendar weeks in one daily newspaper published in the English language and of general circulation in the City of Chicago, Illinois, and in a financial newspaper published in the English language and of general circulation in the Borough of Manhattan, City and State of New York, and such resignation shall take effect upon the day specified in such notice unless previously a successor shall have been appointed by the University or the Bond holders as provided in Section 9.08, in which event such resignation shall take effect immediately on the appointment of such successor.

SECTION 9.07. *Removal of Trustee.* The Trustee may be removed at any time by an instrument or concurrent instruments in writing, filed with the Trustee and signed by the holders of a majority in principal amount of the Bonds then outstanding or their attorneys-in-fact duly authorized, excluding any Bonds held by or for the account of the University.

SECTION 9.08. *Appointment of Successor Trustee.* In case at any time the Trustee shall resign or shall be removed or shall become incapable of acting, or shall be adjudged a bankrupt or insolvent, or if a receiver, liquidator or conservator of the Trustee, or of its property, shall be appointed, or if any public officer shall take charge or control of the Trustee, or of its property or affairs, a successor may be appointed by the holders of a majority in principal amount of the Bonds then outstanding, excluding any Bonds held by or for the account of the University, by an instrument or concurrent instruments in writing signed and acknowledged by such Bond holders or by their attorneys-in-fact duly authorized and delivered to such successor Trustee, notification thereof being given to the University and the predecessor Trustee; provided, nevertheless, that unless a successor Trustee shall have been appointed by the Bond holders as aforesaid, the University by a duly executed written instrument signed by an Authorized Officer of the University shall forthwith appoint a Trustee to fill such vacancy until a successor Trustee shall be appointed by the Bond holders as authorized in this Section 9.08. The University shall publish notice of any such appointment made by it once in each week for two consecutive calendar weeks, in one daily newspaper published in the English language and of general circulation in the City of Chicago, Illinois, and in a financial newspaper published in the English language and of general circulation in the Borough of Manhattan, City and State of New York, the first publication to be made within twenty (20) days after such appointment. Any successor Trustee appointed by the University shall, immediately and without further act, be superseded by a Trustee appointed by the Bond holders.

If in a proper case no appointment of a successor Trustee shall be made pursuant to the foregoing provisions of this Section within forty-five (45) days after the Trustee shall have given to the University written notice as provided in Section 9.06 or after a vacancy in the office of the Trustee shall have occurred by reason of removal or its inability to act, the Trustee or the holder of any Bond

may apply to any court of competent jurisdiction to appoint a successor Trustee. Said court may thereupon, after such notice, if any, as such court may deem proper and prescribe, appoint a successor Trustee.

Any Trustee appointed under the provisions of this Section 9.08 in succession to the Trustee shall be a bank or trust company organized under the laws of the State of Illinois or a national banking association, doing business and having its principal office in the City of Chicago, Illinois, and having a capital and surplus aggregating at least One Million Dollars (\$1,000,000), if there be such a bank or trust company or national banking association willing and able to accept the office on reasonable and customary terms and authorized by law to perform all the duties imposed on it by this Resolution.

SECTION 9.09. *Transfer of Rights and Property to Successor Trustee.* Any successor Trustee appointed under this Resolution shall execute, acknowledge and deliver to its predecessor Trustee, and also to the University, an instrument accepting such appointment, and thereupon such successor Trustee, without any further act, deed or conveyance, shall become fully vested with all moneys, estates, properties, rights, powers, duties and obligations of such predecessor Trustee, with like effect as if originally named as Trustee, and the predecessor Trustee shall promptly furnish to the successor Trustee on request therefor, or on such request permit the successor Trustee to secure from the records of the predecessor Trustee such information as may be required by the successor Trustee to perform its duties and obligations as such successor, and shall deliver to the successor Trustee instruments then in its possession for the inspection of the holders of Bonds; but the Trustee ceasing to act shall nevertheless, on the written request of the University, or of the successor Trustee, execute, acknowledge and deliver such instruments of conveyance and further assurance and do such other things as may reasonably be required for more fully and certainly vesting and confirming in such successor Trustee all the right, title and interest of the predecessor Trustee in and to any property held by it (if any) under this Resolution, and shall pay over, assign and deliver to the successor Trustee any money or other property subject to the trusts and conditions herein set forth, including all records and books of registry.

SECTION 9.10. *Merger or Consolidation.* Any company into which any Trustee may be merged or converted or with which it may be consolidated or any company resulting from any merger, conversion or consolidation to which it shall be a party or any company to which any Trustee may sell or transfer all or substantially all of its corporate trust business, provided such company shall be a bank or trust company organized under the laws of the State of Illinois or a national banking association and shall have an office for the transaction of its business in the City of Chicago and State of Illinois, and shall be authorized by law to perform all the duties imposed upon it by this Resolution, shall be the successor to such Trustee without the execution or filing of any paper or the performance of any further act.

SECTION 9.11. *Adoption of Authentication.* In case any of the Bonds contemplated to be issued under this Resolution shall have been authenticated but not delivered, any successor Trustee may adopt the Certificate of Authentication of any predecessor Trustee so authenticating such Bonds and deliver such Bonds so authenticated; and in case any of the said Bonds shall not have been authenticated, any successor Trustee may authenticate such Bonds in the name of the predecessor Trustee, or in the name of the successor Trustee, and in all such cases such certificate shall have the full force which it is anywhere in said Bonds or in this Resolution provided that the certificate of the Trustee shall have.

ARTICLE TEN

EVENTS OF DEFAULT

SECTION 10.01. *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 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 two hundred seventy (270) 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 Trustee 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 and to the Trustee, 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 Housing Revenue Bond Fund upon the date of the happening of any event of default and all sums thereafter received by the Trustee hereunder, shall be applied by the Trustee 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, and to the payment of all compensation, claims and expenses of the Trustee in carrying out the provisions of this Section 10.01 and all other services performed under this Resolution including reasonable compensation to its 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 10.02. *Rights of Holders of Bonds Upon Default.* Subject to any contractual limitations binding upon the holders of any of the Bonds (including the provisions of Section 10.03 hereof and 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 the Trustee or 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 default or breach of duty or contract or shall impair any rights or remedies thereon. No delay or omission of the Trustee or 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.

SECTION 10.03. Trustee to Act as Trustee for Bond Holders. The Trustee appointed hereunder (and the successive respective holders of the Bonds and interest coupons, by taking and holding the same, shall be conclusively deemed to have so appointed the Trustee) shall act as Trustee to represent the Bond holders in the matter of exercising and prosecuting on their behalf such rights and remedies as may be available to such holders under the provisions of the Bonds and this Resolution. Upon any default or other occasion giving rise to a right in such Trustee to represent the Bond holders, such Trustee may, but need not, take such action on behalf of the Bond holders as may seem appropriate to it and, upon the request in writing of the holders of twenty per cent (20%) in principal amount of all the Bonds then outstanding, which request shall specify such default or occasion and the action to be taken by the Trustee, and upon being furnished with indemnity satisfactory to it, such Trustee shall take such action on behalf of the Bond holders as may have been so requested; subject however to the provisions of Section 10.01 requiring not less than a majority in aggregate principal amount of the Bonds at the time outstanding to declare the principal of all Bonds then outstanding hereunder and the interest accrued thereon to be due and payable.

Except as in this Section 10.03 provided, no holder of any Bond or of any interest coupon pertaining to any coupon Bond shall have any right by virtue or by availing of any provision of this Resolution or provisions of applicable law to institute any suit, action or proceeding, at law or in equity, for the appointment of any trustee in bankruptcy, receiver, liquidator or custodian of the revenues and other funds pledged or held hereunder, unless such holder shall previously have given to the Trustee written notice of an existing default, and unless, also, there shall have been tendered to the Trustee security and indemnity satisfactory to it against all costs, expenses and liabilities which might be incurred in or by reason of such action, suit or proceeding, and unless, also, the holders of twenty per cent (20%) in aggregate principal amount of all the Bonds then outstanding shall have requested the Trustee in writing to take action with respect to such default and the Trustee shall have declined to take such action or failed so to do within thirty (30) days thereafter; it being intended that no one or more holders of Bonds or interest coupons shall have any right in any manner to institute or prosecute any action, suit or proceeding for the appointment of a trustee in bankruptcy, receiver, liquidator or custodian of the revenues and other funds pledged or held hereunder, except in the manner herein provided, and for the equal proportionate benefit of all holders of outstanding Bonds and interest coupons; provided that nothing contained in this Resolution or in the Bonds shall affect or impair the obligation to pay the principal of, premium (if any) and the

interest on the Bonds as in this Resolution provided, or shall affect or impair the right of action, which is absolute and unconditional, of the holders of the Bonds otherwise to enforce payment thereof by virtue of the contract embodied in the Bonds and in this Resolution or applicable statutes and provisions of law, or to enforce any of the covenants or provisions in the Bonds, this Resolution, or applicable statutes or provisions of law, except as hereinabove provided with respect to suits, actions or proceedings for the appointment of any trustee in bankruptcy, receiver, liquidator or custodian of the revenues and other funds pledged or held hereunder.

SECTION 10.04. *Trustee Constituted Attorney-in-Fact for Bondholders.* The Trustee is hereby appointed (and the successive respective holders of the Bonds and interest coupons issued hereunder, by taking and holding the same, shall be conclusively deemed to have so appointed it) the true and lawful attorney-in-fact of the respective holders of the Bonds and interest coupons, with authority to make or file, irrespective of whether the Bonds or any of them are in default as to payment of principal or interest, in the respective names of the holders of the Bonds or interest coupons, or in behalf of all holders of the Bonds, or of interest coupons pertaining to the Bonds, as a class or classes, any proof of debt, amendment of proof of debt, petition or other document, to receive payment of any sum or sums becoming distributable on account thereof, and to execute any and all other papers and documents and to do and perform any and all acts and things for and in behalf of the respective holders of the Bonds or interest coupons, or in behalf of such holders as a class or classes, as may be necessary or advisable in the opinion of any such attorney-in-fact in order to have the respective claims of such holders of Bonds or interest coupons allowed in any equity receivership, insolvency, liquidation, bankruptcy or other proceedings to which the State of Illinois or the University may at any time be a party, and to receive payment of or on account of such claims; and each and every receiver, assignee or trustee in bankruptcy is hereby authorized by each of the respective holders of the Bonds and interest coupons to make such payments to such attorney-in-fact, and, in the event that such attorney-in-fact shall consent to the making of such payments directly to such holders, to pay to such attorney-in-fact any amount which may be due to it for compensation and expenses, including counsel fees, incurred by it up to the date of such distribution.

ARTICLE ELEVEN

MODIFICATION AND AMENDMENT OF THE RESOLUTION

SECTION 11.01. *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 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 11.04, of the holders of sixty-six and two-thirds per cent (66⅔%) 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, and without the written assent of the Trustee thereto, no such modification or amendment shall modify any of the rights or obligations of the Trustee at the time acting hereunder.

SECTION 11.02. *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 Trustee who shall mail a copy of such notice, postage prepaid, not less than thirty (30) nor more than sixty (60) days before such meeting, (a) to each registered owner of Bonds then outstanding, at his address, appearing upon the books of registration, and (b) to each holder of any Bond payable to bearer who shall have filed with the Trustee as Bond Registrar an address for notices, and such notice shall 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 of New York, 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 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 11.03. *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 Trustee 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 11.03 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 11.04. *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 11.01, 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 Trustee to each registered owner of Bonds and notice of the adoption thereof shall be published in the manner provided in Section 11.02 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 Trustee the written consents of the percentage of holders of outstanding Bonds specified in Section 11.01. 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 11.03. 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 11.05. *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 11.06. *Endorsement of Bonds.* Bonds authenticated and delivered after the effective date of any action taken as provided in this Article Eleven may bear a notation by endorsement or otherwise in form approved by the University and the Trustee 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 Trustee a suitable notation shall be made on such Bond by the Trustee as to any such action. If the University shall so determine, new Bonds so modified as to conform to such action shall be prepared, authenticated and delivered, and upon demand of the holder of any Bond then outstanding shall be exchanged at the office of the Trustee in the City of Chicago, Illinois without cost to any Bond holder, for Bonds then outstanding, upon surrender of such Bonds with all unmatured coupons, if any, appertaining thereto.

SECTION 11.07. *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 TWELVE

MISCELLANEOUS

SECTION 12.01. *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, the Trustee 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, the Trustee, and of the holders of Bonds and of the coupons outstanding.

SECTION 12.02. *Successor is Deemed Included in All References to Predecessor.* Whenever in this Resolution or any resolution supplemental hereto either the University or the Trustee 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 12.03. *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 Trustee 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 Trustee 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 Trustee 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 Trustee 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 returned to the University.

No Bond or appurtenant coupon shall, after the 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 Trustee, as trust funds, and are available for payment of such Bond or coupon upon demand.

SECTION 12.04. *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 Trustee, 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 Trustee 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 or by the Trustee hereunder in good faith and in accordance therewith.

SECTION 12.05. *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 12.06. *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 12.07. *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 12.08. *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 12.09. *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 12.10. *Resolution Effective on Passage.* This Resolution shall become effective upon its passage.

President
 Attest:

Secretary

STATE OF ILLINOIS } ss.
 COUNTY OF }

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. Herrick, the foregoing resolution was adopted and the President and the Secretary of the Board were authorized to sign the same on behalf of the Board of Trustees of the University of Illinois by the following vote of record: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Swain.

SIGNATURES OF MEMBERS OF THE BOARD OF TRUSTEES ON HOUSING REVENUE BONDS

Subsequent to the adoption of this Resolution, the President of the Board designated Mr. Timothy W. Swain, Chairman of the Finance Committee, and Mrs. Frances B. Watkins, a member of the Finance Committee, to sign "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1958, Series A and B," along with the President and the Secretary of the Board.

**RESOLUTION DELEGATING SIGNATURES FOR HOUSING REVENUE
BONDS CONSTRUCTION FUND ACCOUNT**

Mr. Bissell offered the following resolution:

WHEREAS, the Board of Trustees of the University of Illinois on November 19, 1958, designated the Harris Trust and Savings Bank, Chicago, as the depository for the Construction Fund Account for the Housing Revenue Bonds of 1958, Series A and B, which account is entitled "Construction Fund, Housing Construction of 1958," and authorized said Bank to act as investment counsel for the purchase of government securities as temporary investment of said Fund:

Therefore, It Is Hereby Resolved by the Board of Trustees of the University of Illinois, a public corporation, that the President of the Board of Trustees be and hereby is authorized to delegate to C. C. DeLong, to R. W. Zimmer, and to R. F. Wood authority to sign his name as President of the Board of Trustees to warrants drawn on the Construction Fund, Housing Construction of 1958 Account, covering vouchers approved in accordance with regulations of the Board.

The Secretary of the Board of Trustees be and hereby is authorized to delegate to Maude Archdeacon, to George H. Bargh, and to Everett G. Smith authority to sign his name as Secretary of the Board of Trustees to warrants drawn on the Construction Fund, Housing Construction of 1958, covering vouchers approved in accordance with regulations of the Board.

Be It Further Resolved, that the Harris Trust and Savings Bank of Chicago, as designated depository for the Construction Fund, Housing Construction of 1958, 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 countersigner thereof, when bearing the facsimile signatures of the two following: Park Livingston, President, and A. J. Janata, Secretary; and the Harris Trust and Savings 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 facsimile signature or signatures thereon may have been affixed thereto, if such facsimile signature or signatures duplicate the facsimile specimens duly certified to or filed with the Harris Trust and Savings Bank of Chicago by the Secretary or other officer of this Corporation; and

Be It Further Resolved, that H. O. Farber, Comptroller of this Board, is hereby authorized to direct the Harris Trust and Savings Bank to execute orders for the purchase, sale, or exchange of United States Government securities acquired as temporary investment of said Construction Fund, and H. O. Farber is further authorized to delegate to C. C. DeLong and to W. M. Griffith authority to sign his name to such orders.

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

RAILROAD SIDING FOR CENTRAL FOOD STORES BUILDING

(3) The construction of a new railroad siding from the main line of the Illinois Central Railroad south of Champaign to the campus area west of Oak Street extended and south of Stadium Drive is necessary to provide adequate freight service to the new Central Food Stores Building. This siding will be taken off the present rail line immediately south of Stadium Drive and extend on the east side of the tracks to a lower level west of the new building, a total of approximately 626 feet of track.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board authorize (1) an agreement with the Illinois Central Railroad Company for the construction of a siding and the payment by the University to the Company of \$11,196 for the cost of the same; under this agreement the University will provide for the relocation and adjusting of existing power lines at the expense of the University; and (2) adopt 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 that the Comptroller and Secretary of this public corporation be, and they hereby are authorized, for and on behalf of this public corporation to execute, acknowledge, and deliver a grant of easement and such other documents as may be necessary to convey to Illinois Central Railroad

Company, its grantees, successors, and assigns, an easement for railroad purposes in, over, and across a seventeen-foot wide strip of land extending from the east side of the Illinois Central Railroad Company's right of way at a point immediately south of Stadium Drive in a southeasterly and southerly arc, to and along the west side of the new Central Food Stores Building, covering approximately 626 linear feet of track, as shown on a blueprint entitled "I.C.R.R. Champaign-Ill. Proposed Track to Serve Univ. of Ill. Warehouse" prepared by the Office of the Division Engineer in Champaign, Illinois, dated May 22, 1957, and filed as File: C-11 in the Illinois Central Railroad Company's files, located in the Southeast One Quarter (SE $\frac{1}{4}$) of Section 13, Township Nineteen North (T 19 N), Range Eight East (R 8 E) of the Third Principal Meridian (3rd P.M.), Champaign County, Illinois, for the construction, maintenance, repair, renewal, use, and removal of railroad tracks and the pertinent facilities in, over, and across the above-described premises, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, for so long as the rights herein conveyed are used for the purposes herein set forth.

I concur.

On motion of Mr. Hughes, this recommendation was approved, and the foregoing resolution was adopted by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Livingston, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Swain. Mr. Johnston asked to be excused from voting.

LIMOUSINE SERVICE AT THE UNIVERSITY OF ILLINOIS AIRPORT

(4) The Director of the Institute of Aviation and the Vice-President and Comptroller recommend that the Board of Trustees authorize a franchise granting an exclusive privilege of soliciting limousine and taxicab passengers within the terminal area and the Terminal Building at the University of Illinois Airport.

They further recommend that an agreement be entered into with Glenco Motors, Inc., Champaign, granting this operator an exclusive franchise. Sealed bids were received in answer to an advertisement in the official newspaper of the state inviting bids on such a franchise. The best bid is from Glenco Motors, Inc., Champaign, which proposes to pay the University \$275 per month for this franchise.

The Director and the Vice-President and Comptroller recommend authorization of a franchise with Glenco Motors, Inc., and of an agreement covering the same, effective January 1, 1959, and continuing for a period of three years.

I concur.

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

CONTRACT FOR ARCHITECTURAL SERVICES FOR RESIDENCE HALL FOR GRADUATE STUDENTS

(5) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract to Hewitt and Bastian, Peoria, for the design of a residence hall for graduate students at the standard fee of 6 per cent of the construction contracts for complete architectural and engineering services, including supervision of construction. Mr. Ambrose Richardson, Consulting Architect, will review the designs of this building in accordance with current arrangements with him on designs of new University buildings in general. The estimated fee to be paid under this contract is \$45,000.

The Committee on Buildings and Grounds has previously reviewed this recommendation and approves.

I concur.

On motion of Mr. Johnston, this contract was awarded, as recommended, by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Swain.

CONTRACT FOR COMMUNICATION SYSTEM IN THE RESEARCH AND EDUCATIONAL HOSPITALS

(6) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$6,552 to Rich Sound Engineers, Inc., Chicago, the lowest bidder,

for installation of a nurse-patient audio call system in the following patient areas of the Research and Educational Hospitals: seventh, tenth, and eleventh floors of the hospital addition; third and fourth floors of the Neuropsychiatric Institute; third floor, west, of the general hospital building.

Funds are available in an appropriation made by the Board of Trustees.

I concur.

On motion of Mrs. Holt, this contract was awarded, as recommended, by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Swain.

CONTRACT FOR BAKERY EQUIPMENT FOR CENTRAL FOOD STORES BUILDING

(7) The Director of the Physical Plant and the Vice-President and Comptroller recommend the award of a contract for \$111,346 to Moreau and Risch, Inc., Milwaukee, Wisconsin, the lowest bidder, for the food service equipment for the Central Food Stores Building.

Funds will be available in the proceeds of the sale of "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1958, Series A and B."

I concur.

On motion of Mrs. Holt, this contract was awarded, as recommended, by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Swain.

ADDITION TO CONTRACTS FOR PHYSICS BUILDING

(8) The Director of the Physical Plant and the Vice-President and Comptroller recommend an addition of \$8,581.58 to the contract with the Mayfair Construction Company, Chicago, for general work on the Physics Building.

This change will provide for interior refinements which were not developed in the planning before plans and specifications were sent to bidders. The principal items are a ventilation system for the retention tank in which radioactive material will be handled, and interior coating of all fume and isotope hood exhaust fans for protection against corrosion. The estimate has been checked by the Department of Physics and the architects.

I concur.

On motion of Mr. Bissell, the Comptroller was authorized to execute this change in the contract.

NATIONAL DEFENSE EDUCATION ACT OF 1958

(9) Public Law 85-864, the National Defense Education Act of 1958, passed in the closing days of the Eighty-fifth Congress, authorizes certain programs of financial aid to students in institutions of higher education. There is submitted herewith a memorandum, a copy of which is being filed with the Secretary of the Board for record, outlining the several provisions of this law which involve colleges and universities and which will be administered by the United States Office of Education in the Department of Health, Education, and Welfare.

Title II of the law provides federal assistance through the establishment at institutions of higher education of funds for low-interest loans to students, with preference to be given superior students in mathematics, science, engineering, modern languages, and elementary or secondary education.

A participating institution is required to provide 10 per cent of the fund so established. A student may be loaned up to \$1,000 in one year with a \$5,000 maximum. Repayment installments of the loan generally would start one year after the student leaves the college or university, and interest at the rate of 3 per cent a year would be charged effective at the time repayments start. Up to 50 per cent of the loan may be canceled and charged against the government's contribution if the student teaches in elementary or secondary schools. At the close of the program, balances then held and received from loan repayments and interest will be returned in the ratio contributed.

The United States Office of Education has now requested institutions wishing to participate to file applications for funds to be used during the second semester of the current academic year, 1958-59.

Several weeks ago that office requested an informal estimate of the amount that could be utilized by the University of Illinois during the second semester of the current year for this purpose, and the University replied that \$72,944 could possibly be used. This figure was determined by estimating the need and applying to the total funds presently appropriated and allocated to the state of Illinois the ratio of full-time students enrolled at the University to the full-time students enrolled in all eligible institutions in the state.

The Office of Education has now advised that if the nation-wide demand for loans materially exceeds the funds presently appropriated, Congress will be promptly requested to make additional appropriations. Hence, the amounts finally available to the University for use during this academic year may be materially in excess of the \$72,944 estimate.

Because of the uncertainty of the demand and the amount to be finally available, it is requested that the Comptroller and the Secretary of the Board be authorized to execute the necessary documents to secure a grant not to exceed \$180,000 for this purpose, although probably approximately \$72,000 will be initially requested; and that an appropriation be made to provide the University funds required from available and unassigned balances received as reimbursement of indirect costs under government contracts, in an amount equal to one-ninth of that received from the federal government as a grant, but not exceeding \$20,000.

I concur.

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

COMMONWEALTH GRANT FOR STUDY AND EVALUATION OF MEDICAL EDUCATION

(10) The Commonwealth Fund has made a grant of \$112,000 to the University of Illinois in support of a two-year pilot program of educational research by the College of Medicine.

During the period since World War II there have been rapid and far-reaching changes in the goals and concepts of medical education. These changes have been accompanied by the acquisition of a tremendous amount of new knowledge gained from research.

The pilot program of educational research supported by the Commonwealth Fund will be directed toward the establishment of an educational program that is best suited to future needs of this institution. In seeking to achieve this goal, the program of study and evaluation will include the assessment of the patterns of and needs for participation in patient care programs of health professions personnel other than physicians. An attempt will be made also to determine how the College of Medicine can best draw upon the resources of other departments in the University and other institutions in the Medical Center District and how, in return, the College of Medicine can best provide assistance to the programs of these departments and institutions.

The grant from the Commonwealth Fund will also enable the College of Medicine to establish a center of educational research which will have enduring value to the University.

I have accepted this grant and report it for the record.

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

MOORMAN ANIMAL BREEDING RESEARCH FARM

(11) The Moorman Manufacturing Company of Quincy has offered to make a grant of \$200,000 to the University of Illinois to assist in establishing an improved research program in animal breeding in the College of Agriculture and the Agricultural Experiment Station.

The company proposes to make a payment of \$100,000 in December, 1958, \$50,000 in September, 1959, and the final \$50,000 in June, 1960, these dates to be subject to adjustment to suit the convenience of the University upon ten days notice to the donor.

I have accepted this offer with an expression of official appreciation on behalf of the University, and request confirmation of this action. I also recommend that

the new facilities which this grant will make possible be named "The Moorman Animal Breeding Research Farm."

The funds will be used for buildings, equipment, and facilities on a completely new research area on land already owned by the University adjacent to the Urbana-Champaign campus. The University has for many years been interested in increasing its facilities for animal breeding research. It is to help satisfy this need that the Moorman Company has made its funds available. The grant will enable the University to create the needed facilities to concentrate on specialized problems of animal breeding theory and practice.

The Moorman Company was interested in making this grant to the University of Illinois because it has one of the outstanding animal breeding research teams in the world. This team plans to expand its research into four general fields. Professors A. V. Nalbandov and P. J. Dziuk will work in the area of artificial insemination and the physiology of reproduction, including studies of fertility, sterility, and embryonic mortality. Professor H. W. Norton will study in the field of population genetics, including methods of animal breeding and selection. Professor B. A. Rasmusen plans to study problems of immunogenetics and serology, especially the inheritance of blood groups. Coordinated research on the part of these four scientists will give an over-all approach to studies of animal physiology and genetics. In addition, the setup will offer the counsel and cooperation of other staff members in the University's Department of Animal Science as well as those in other departments and colleges.

First units of this new breeding research facility will be planned primarily for swine research. Later units will be designed and built for other classes of livestock. Each unit will be constructed to make best use of this completely new approach to scientific study of animal breeding problems.

The new research farm will include facilities to study swine housing, environment control, and the latest equipment and automatic management devices for ideal study conditions. It will be entirely separate from present University swine farm facilities. Plans presently include two purebred and three crossbred swine herds to be raised for use in the studies.

Long-range results from this expanded program should be of large economic value to the swine industry. One research project in this program will measure improvement rate of economic characters by selection. Others will compare rates of improvement in different breeding methods, as well as ways of predicting potential economic value by studying physiological traits, studying the effects of hormone injections and checking the effects of different environments.

On motion of Mrs. Holt, the President's action was confirmed.

REPORT OF GIFTS AND FUNDS RECEIVED FROM OUTSIDE SOURCES

(12) Following is a report of gifts, grants, and contract funds received by the University from outside sources during the fiscal year July 1, 1957, through June 30, 1958. 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 have not been received. 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. The gifts and grants have been accepted and 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, Prizes, and Other Financial Aids

1. Advertising Executives Club of Chicago: scholarship in advertising, College of Journalism and Communications.....\$ 100 00
2. The Alcoa Foundation, Pittsburgh, Pennsylvania:
For undergraduate scholarships..... 125 00
(This was a grant to the University supplementing a scholarship

award to a recipient of one of the Alcoa Foundation's scholarships established for sons and daughters of the Aluminum Company of America.)	
For a scholarship for a senior student in ceramic engineering, academic year 1958-59.....	500 00
3. Robert Allerton, Hawaii: to continue the Allerton American Traveling Scholarships in Architecture, academic year 1958-59.....	800 00
4. The Allstate Foundation, Skokie, Illinois: scholarships and expenses in connection with a regular summer session (1958) course for the training of teachers in high school driver education.....	2 500 00
5. Alpha Phi Omega, national service fraternity: scholarships.....	125 00
6. American Air Filter Company, Herman Nelson Division, Moline, Illinois: three scholarships, in electrical engineering, engineering physics, and mechanical engineering, academic year 1957-58.....	1 000 00
7. American Occupational Therapy Association: United Cerebral Palsy scholarships for students in occupational therapy.....	383 60
8. American Society for Metals Foundation for Education and Research: scholarship in metallurgical engineering, academic year 1957-58.....	400 00
9. Archer-Daniels-Midland Company, Minneapolis, Minnesota: scholarship for senior in chemistry or chemical engineering, academic year 1958-59.....	500 00
10. Armstrong Cork Company, Lancaster, Pennsylvania: scholarship, academic year 1957-58.....	250 00
11. Automobile Manufacturers Association, Detroit, Michigan: scholarship in industrial education.....	2 500 00
12. Barber-Colman Foundation, Rockford, Illinois: four scholarships in engineering, academic year 1957-58.....	2 400 00
13. Barber-Green Company: to add to the undergraduate scholarship funds.....	150 00
14. Bendix Aviation Corporation, Detroit, Michigan: scholarship in engineering.....	500 00
15. Campus Chest, University of Illinois undergraduate fund-raising organization: scholarships.....	600 00
16. Carrier Corporation, Syracuse, New York: scholarship in mechanical engineering, academic year 1957-58.....	750 00
17. Chicago Farmers, Chicago: scholarship for a senior in agriculture, academic years 1957-58 and 1958-59.....	1 000 00
18. Chicago Title and Trust Company Foundation, Chicago: scholarships in the College of Law.....	5 000 00
19. Mr. Warren E. Compton, St. Louis, Missouri: to establish the Bertha L. Compton Memorial Scholarship, the scholarship award to be made annually from income earned on the principal.....	4 750 00
20. Continental Can Company, Inc., New York, New York: scholarship in ceramic engineering.....	1 000 00
21. Corn Products Refining Company, Chicago: scholarships.....	4 000 00
22. Crane Company, Chicago: scholarships, academic year 1958-59....	1 100 00
23. Dads Association, University of Illinois: scholarships.....	1 500 00
24. George W. Doak Memorial Scholarship Fund (This fund was established by the family and friends of the late George W. Doak of Metamora, Illinois. Mr. Doak, a graduate of the University of Illinois, taught vocational agriculture at Washburn and Metamora high schools for twenty years and at the time of his death had served ten years as state supervisor of agricultural education): scholarship in vocational agriculture.....	1 000 00
25. Douglas Aircraft Company, Inc., Santa Monica, California: scholarship for senior student in aeronautical, electrical, or mechanical engineering, academic year 1958-59.....	750 00
26. Dow Chemical Company, Midland, Michigan: scholarship in metallurgical engineering, academic years 1957-58 and 1958-59.....	1 000 00
27. Federal Land Bank of St. Louis, St. Louis, Missouri: two scholarships, \$500 each, in agriculture for freshman students, academic year 1958-59.....	1 000 00

28. Mr. and Mrs. Forrest L. Forsythe, Chicago: for the Robert Wade Forsythe Memorial Scholarship in architecture, academic year 1957-58.....	300 00
29. Foundry Educational Foundation, Cleveland, Ohio: scholarships in mechanical engineering, academic year 1957-58.....	1 000 00
30. Harrison Jules Louis Frank and Leon Harrison Frank Memorial Corporation, Detroit, Michigan: scholarship in electrical engineering, academic year 1957-58.....	500 00
31. Fribourg Foundation, Inc., New York, New York: two scholarships, \$500 each, in grain marketing, academic year 1957-58.....	1 000 00
32. General Electric Educational and Charitable Fund, Schenectady, New York: scholarships.....	350 00
33. General Motors Corporation, Detroit, Michigan: scholarships under the General Motors "College Plan," academic year 1957-58....	10 400 00
34. Illini Union Student Activities (from proceeds of High School Circus): scholarships, academic year 1957-58.....	183 39
35. Illiniweks, Chicago (the Illiniweks is a Chicago organization of recent alumni of the University): scholarship for a junior or senior student from the Chicago area who is active in campus affairs...	290 00
36. Illinois Association for the Crippled: scholarship in occupational therapy.....	1 500 00
37. Illinois Congress of Parents and Teachers: two scholarships, \$2,000 each, one for any field of teacher training and one for preparation to teach the mentally handicapped.....	4 000 00
38. Illinois Federation of Women's Clubs, Third District: scholarships in occupational therapy.....	2 546 78
39. Illinois Mining Institute: two scholarships, \$400 each, in mining engineering.....	800 00
40. Illinois Occupational Therapy Association: scholarship in occupational therapy.....	250 00
41. Illinois State Federation of Labor: two scholarships, \$500 each, one for Cook County and the other for downstate Illinois.....	1 000 00
42. Illinois State Restaurant Association, Springfield: scholarship in restaurant management.....	200 00
43. International Nickel Company, Inc., New York, New York: scholarships in mining or metallurgical engineering or geology.....	1 000 00
44. International Telephone and Telegraph Corporation, New York, New York: Two scholarships, \$750 each, in engineering physics and in electrical engineering, academic year 1957-58.....	1 500 00
Four scholarships, \$750 each, in engineering physics and in electrical engineering, academic year 1958-59.....	3 000 00
45. Junior Women's Advertising Club of Chicago: scholarship for two women students in the advertising program of the College of Journalism and Communications.....	450 00
46. Kennecott Copper Corporation, New York, New York: scholarships in chemical engineering.....	4 000 00
47. David Kinley Educational Foundation, Barrington, Illinois: scholarship in the College of Commerce and Business Administration...	1 500 00
48. Kroger Company, Cincinnati, Ohio: six scholarships, \$250 each, in agriculture and home economics.....	1 500 00
49. Captain James M. Lane, Columbus, Ohio, former Professor of Naval Science and Tactics at the University of Illinois: scholarship for academic years 1957-58 (\$400) and 1958-59 (\$500).....	900 00
50. Linde Air Products Company, a Division of Union Carbide and Carbon Corporation, New York, New York: two scholarships in mechanical engineering, academic year 1957-58.....	600 00
51. Lions Clubs in the Chicago area: scholarships for students training to teach handicapped children.....	3 000 00
Logan Square Lions Club, Chicago.....	\$700 00
LaGrange Lions Club, LaGrange, Illinois.....	700 00
Central, the Mother Club of Lions International, Chicago	500 00
Lyons Lions Club, Lyons, Illinois.....	500 00

South East Lions Club, Chicago.....	375 00
Other Lions Clubs of Chicago.....	225 00
52. Magnavox Company, Fort Wayne, Indiana: six scholarships, \$500 each, four in electrical engineering and two in mechanical engineering, academic year 1957-58.....	3 000 00
53. Meredith and Patricia Mallory, San Antonio, Texas: for the Mallory Scholarships	5 000 00
54. Mr. Thomas J. Martin, Seattle, Washington: to add to the general undergraduate scholarship fund.....	25 00
55. Mississippi Valley Structural Steel Company, St. Louis, Missouri: two scholarships in architectural engineering, \$300 each, and two scholarships in civil engineering, \$300 each, academic year 1957-58..	1 200 00
56. Colonel Robert H. Morse Foundation, Chicago: six scholarships, \$500 each, for juniors and seniors in engineering, academic year 1957-58.....	3 000 00
57. Mother's Association, University of Illinois: scholarships.....	600 00
58. National Merit Scholarship Corporation, Evanston, Illinois: for scholarship assistance	1 950 00
59. Nonacademic Employees' Council, University of Illinois, Urbana: scholarship for the son or daughter of a nonacademic employee on the Urbana campus.....	250 00
60. Old Ben Coal Company, Chicago: scholarship in mining engineering	500 00
61. Owens-Corning Fiberglas Corporation, Toledo, Ohio: scholarships in engineering, academic year 1957-58.....	1 500 00
62. Owens Illinois Glass Company, Toledo, Ohio: scholarship in engineering, academic year 1957-58.....	1 850 00
63. Pennsylvania Glass Sand Corporation, Pittsburgh, Pennsylvania: scholarship in ceramic engineering, academic year 1957-58.....	150 00
64. Phi Chi Theta, University of Illinois: to add to the Hiram T. Scovill scholarship account.....	12 95
65. Phi Mu Alpha-Sinfonia, music fraternity: for the William G. Hill Memorial Scholarship in music.....	100 00
66. Pi Kappa Lambda, music fraternity: for the F. B. Stiven Memorial Scholarship in music.....	600 00
67. Pittsburgh Consolidation Coal Company, Library, Pennsylvania: scholarship in chemical engineering, academic year 1958-59.....	500 00
68. The Presser Foundation, Philadelphia, Pennsylvania: scholarship in music, academic year 1957-58.....	350 00
69. Procon Inc., Des Plaines, Illinois: scholarship in engineering, academic years 1957-58 and 1958-59.....	1 000 00
70. Radio Corporation of America, Princeton, New Jersey: for the undergraduate scholarship fund.....	100 00
71. Ralston Purina Company, St. Louis, Missouri: scholarship in agriculture, academic year 1957-58.....	500 00
72. Rock Island County Mothers Association: scholarship for a student attending the University from the metropolitan area of Rock Island, Moline, East Moline, and Silvis.....	130 00
73. Sahara Coal Company, Inc., Chicago: a four-year scholarship, \$500 a year, in coal mining engineering.....	2 000 00
74. Bequest of Edward H. Schlader: to add to the Schlader Memorial Scholarships in engineering and architecture.....	7 523 58
75. The Scully Foundation, Chicago: scholarship in mechanical or industrial engineering, academic year 1958-59.....	300 00
76. Sears-Roebuck Foundation, Chicago: scholarships in agriculture (\$3,625) and in home economics (\$800), academic year 1957-58....	4 425 00
77. Alfred P. Sloan Foundation, Inc., New York, New York: to provide annual stipends for five Alfred P. Sloan National Scholars, the amount here indicated representing the second payment of the two-year period beginning 1957-58 and the first payment of the two-year period beginning 1958-59.....	7 000 00
78. Square D Company, Detroit, Michigan: scholarships in electrical engineering.....	1 200 00

79. Stonefort Corporation, Indianapolis, Indiana: for a four-year scholarship, \$500 a year, in mechanical, civil, electrical, mining, or general engineering, beginning September, 1958.....	500 00
80. Student Organizations, University of Illinois: scholarships.....	1 500 00
81. Student Senate, University of Illinois: \$1,000 for the Student Senate Scholarship Fund, and \$1,000 for the Student Senate Loan Fund.....	2 000 00
82. The Texas Company, New York, New York: a scholarship for a freshman student, academic year 1957-58; this includes \$100 to the department of the student's major study.....	275 00
83. Tomahawk Fraternity, national sophomore activity honorary, University of Illinois Chapter: scholarship for a male student.....	100 00
84. Truck Line, Inc., Toledo, Ohio: Beatrice Keeshin Scholarship, academic year 1958-59.....	500 00
85. Union Carbide Chemicals Company, Division of Union Carbide Corporation, South Charleston, West Virginia: for the Union Carbide Engineering Scholarship, awarded to a student in chemical engineering, academic year 1957-58.....	600 00
86. United States Rubber Company, New York, New York: scholarships, academic years 1957-58 and 1958-59.....	3 800 00
87. Universal Oil Products Company, Des Plaines, Illinois: scholarships in chemical engineering, academic year 1958-59; this includes a grant of \$500 to the Department of Chemistry and Chemical Engineering to help defray increased costs of educating students.....	1 500 00
88. Mr. Ronald E. Wales, Lockport, Illinois: to be added to the Undergraduate Scholarship Fund.....	210 00
89. Western Electric Company, Chicago: three scholarships in engineering, academic year 1957-58.....	1 200 00
90. Westinghouse Electric Corporation, East Pittsburgh, Pennsylvania: for the Westinghouse Air Arm Division scholarships in engineering, academic year 1957-58.....	1 500 00
91. Zeta Tau Alpha Foundation, Evanston, Illinois: for the Zeta Tau Alpha Scholarship in honor of Shirley Kresan Strout, to be awarded to a woman student in the College of Journalism and Communications.....	250 00
92. Agricultural Institute, Washington, D.C.: for the Robert R Hudelson Student Fund.....	100 00
93. Alfred S. Alschuler, Jr., Chicago: to the Department of Architecture for an award to a student in architecture.....	25 00
94. The American Assembly, Columbia University, New York, New York: for a conference on problems of Illinois state government..	2 750 00
95. American Dairy Association of Illinois, Inc., Chicago: to the Department of Agricultural Economics for employment of an information specialist in the Extension Service in the field of dairy marketing.....	5 000 00
96. The Babcock and Wilcox Company, New York, New York: for University use in engineering and technical education, being part of an over-all aid-to-education appropriation apportioned on the basis of the number of University of Illinois graduates currently employed by the Babcock and Wilcox Company.....	1 300 00
97. Collins Foundation, Cedar Rapids, Iowa: to the College of Engineering to supplement the income of a part-time instructor or graduate assistant who is working for the Ph.D. degree.....	1 500 00
98. Creole Foundation, New York, New York: unrestricted grant for educational programs.....	1 000 00
99. Educational Television and Radio Center, Ann Arbor, Michigan: to Station WILL for the production of a series of radio programs on "The Composer in the World of Today".....	1 200 00
100. Dr. Arthur L. Ennis, Decatur, Illinois: for the Dr. and Mrs. Arthur L. Ennis Student Loan Fund.....	100 00
101. Farmer City Grain Company, Farmer City, Illinois: to support extension work in the Department of Agronomy.....	750 00

102. The Farm Foundation, Chicago: to the Department of Agricultural Economics for a legal-economics symposium held at the University of Illinois the week of June 16, 1958.....	800 00
103. The Ford Foundation, New York, New York: to the University of Illinois Press to stimulate scholarly publication in the humanities and the social sciences.....	5 430 00
104. General Motors Corporation, Detroit, Michigan: an unrestricted grant for general University expense in recognition of the services of University officers in connection with the General Motors National Scholarship program.....	1 000 00
105. The Glidden Company, Cleveland, Ohio: to the Department of Chemistry and Chemical Engineering for the Glidden Company Lecture in Chemistry.....	500 00
106. Government of France: to assist outstanding students in their studies in French.....	200 00
107. Illinois Dairy Products Association, Inc.: to the Department of Dairy Science in support of its cream quality program.....	6 184 21
108. The Illinois Seed Dealers Association, Sullivan, Illinois: to the Department of Agronomy for operating expenses of an exhibit trailer purchased a few years ago with a gift from this association	1 000 00
109. Importer's Association, Inc., Chicago: an award to an undergraduate student for the best 5,000-word essay on "Import Potentialities of the Midwest".....	500 00
110. The Indiana Limestone Institute, Bedford, Indiana: prizes to three undergraduate students in architecture.....	1 000 00
111. Institute of Life Insurance, New York, New York: for a summer workshop in education in family finance.....	6 371 02
112. Kappa Tau Alpha, national honorary society in journalism: an annual monetary award to graduating senior members of the society as a memorial to the late Harold Roettger, a 1935 graduate of the University.....	2 000 00
113. Mrs. Nora Kasdon, Honolulu, Hawaii: to be added to the student loan funds	50 00
114. The W. K. Kellogg Foundation, Battle Creek, Michigan: For operating costs of the International Conference of Agricultural Economists.....	14 500 00
For the National Association of Educational Broadcasters in support of educational broadcasting.....	48 786 00
115. Kivett and Myers and McCallum, Kansas City, Missouri: for an award to a student in architecture.....	100 00
116. Lawyers Title Insurance Company, Richmond, Virginia: the company's annual award to a senior law student for excellence in scholarship.....	100 00
117. League of Choreographers and Composers of Springfield, Illinois: for a student loan fund.....	300 00
118. Estate of Jennie M. Long: for the assistance of students in the Department of Architecture.....	30 514 23
119. Magnolia Petroleum Company and its parent company, Socony Mobil Company, Dallas, Texas: for purchase of nuclear magnetic and electronic resonance supplies and equipment for the Department of Physics.....	2 500 00
120. Maize Genetics Cooperation: to the Department of Botany for the cost of publication of the Maize Genetics Cooperation Newsletter..	465 00
121. Nonacademic Employees' Council, University of Illinois: for service awards to employees.....	450 00
122. Perkins and Will, Chicago: an unrestricted grant to the Department of Architecture.....	1 500 00
123. Rohm and Haas Company, Philadelphia, Pennsylvania: for purchase of equipment for the Department of Chemistry and Chemical Engineering.....	5 000 00
124. Skidmore, Owings, and Merrill, Chicago: for a prize in architecture.....	500 00
125. Tau Delta Tau: to be added to the student short-term loan fund..	5 00

126.	From the donors listed for urban 4-H Club work:.....	18 886 00
	B. S. Adamowski, Chicago.....\$	10 00
	Arthur Baum, Chicago.....	100 00
	Burrige D. Butler Memorial Trust.....	1 000 00
	J. B. Clark, New York, New York.....	10 000 00
	Commonwealth Edison Company, Chicago.....	500 00
	Marjorie Dick	1 00
	R. A. Ebersole, Chicago.....	100 00
	Gage Food Products Company, Chicago.....	50 00
	Philip Hampson, Chicago.....	3 000 00
	Sears-Roebuck Foundation, Chicago.....	4 000 00
	Ty Thompson, Chicago.....	100 00
	Kenneth Virch, Chicago.....	25 00
127.	From the following donors for the Park Forest, Illinois, 4-H Club work:	
	Park Forest Womans Club.....	134 02
	Skyline Engineering Corporation, Park Forest.....	20 00
128.	From various donors: to add to the Women's Student Aid Fund..	2 254 50
129.	From various donors: to the Department of Mining and Metallurgical Engineering for metallurgical publications.....	260 00
130.	From various donors: for the International Conference of Agricultural Economists	13 336 04
131.	WCIA, Midwest Television, Inc., Champaign, Illinois: to the Extension Editor's Office, College of Agriculture, to continue the development of agricultural and consumer-information television programs.....	3 000 00
132.	Wheaton First Presbyterian Church, Wheaton, Illinois: contribution to McKinley Hospital.....	30 00
	<i>Total, Undergraduate Scholarships, Prizes, and Other Financial Aids</i>	<i>\$317 556 32</i>

Funds for Graduate Fellowships and Research

133.	Abbott Laboratories, North Chicago: renewal of the Roger Adams Fellowship in inorganic chemistry, academic year 1958-59.....	\$ 2 300 00
134.	Allegheny Ludlum Steel Corporation, Brackenridge, Pennsylvania: renewal of a fellowship in physics, academic year 1958-59.....	4 000 00
135.	Allied Chemical and Dye Corporation, Nitrogen Division, Hopewell, Virginia: renewal of a fellowship in chemistry, academic year 1957-58	2 180 00
136.	American Cyanamid Company, New York, New York: renewal of a fellowship in chemistry and chemical engineering, academic year 1957-58	2 936 00
137.	American Oil Company, Texas City, Texas: renewal of a fellowship in chemistry and chemical engineering, academic year 1958-59.	2 500 00
138.	American Philosophical Association: fellowship in philosophy, academic year 1957-58.....	3 733 34
139.	Archer-Daniels-Midland Company, Minneapolis, Minnesota: renewal of a fellowship in food technology, academic year 1957-58...	1 600 00
140.	Armco Steel Corporation, Middletown, Ohio: renewal of a fellowship in ceramic engineering, academic year 1958-59.....	2 550 00
141.	Automotive Safety Foundation, Washington, D.C.: fellowship in civil engineering, academic year 1957-58.....	2 000 00
142.	Bendix Aviation Corporation, Detroit, Michigan: fellowship in engineering, academic year 1957-58.....	3 000 00
143.	The California Company, New Orleans, Louisiana: renewal of a fellowship in geology, academic year 1958-59.....	2 250 00
144.	Continental Oil Company, Ponca City, Oklahoma: fellowship in mathematics, academic year 1957-58.....	2 500 00
145.	Corning Glass Works Foundation, Corning, New York: renewal of a fellowship in physics, academic year 1957-58.....	3 536 00
146.	The Dow Chemical Company, Midland, Michigan: renewal of two fellowships, \$2,500 each, in chemistry and chemical engineering, academic years 1957-58 and 1958-59.....	10 000 00

147.	E. I. Du Pont de Nemours and Company, Wilmington, Delaware: Renewal of a postgraduate teaching assistantship in chemistry, academic year 1957-58.....	3 500 00
	Renewal of a postgraduate fellowship in biochemistry in the Department of Bacteriology, academic year 1957-58.....	3 925 00
	Renewal of a fellowship in chemical engineering.....	3 480 00
148.	Esso Research and Engineering Company, Linden, New Jersey: Fellowship in civil engineering, academic year 1957-58.....	3 350 00
	Postdoctoral fellowship in chemistry, academic years 1957-58 and 1958-59.....	11 000 00
149.	Ethyl Corporation, Ferndale, Detroit, Michigan: renewal of a fellowship in chemistry and chemical engineering, academic year 1957-58.....	2 186 00
150.	The Firestone Tire and Rubber Company, Akron, Ohio: renewal of a fellowship in chemistry, academic year 1957-58.....	2 036 00
151.	The Ford Foundation, New York, New York: Faculty research fellowship in economics, \$12,734, and three predoctoral fellowships in business administration, \$2,900, \$3,880, and \$3,170, academic year 1957-58.....	22 684 00
	Postdoctoral fellowship for a study of the education of exceptional children, academic year 1957-58.....	15 000 00
152.	General Electric Company, Schenectady, New York: Fellowship in ceramics, academic year 1957-58.....	3 700 00
	Renewal of a fellowship in economics, academic year 1957-58.....	3 650 00
	Renewal of a fellowship in engineering, in the field of communication and control, academic year 1957-58.....	4 675 00
	Renewal of a fellowship in physics, academic year 1957-58.....	4 050 00
	Renewal of a fellowship in chemistry, academic year 1957-58.....	4 850 00
153.	The General Foods Fund, Inc., New York, New York: renewal of two fellowships, \$3,000 each, in home economics, academic year 1958-59, and a grant of \$1,000 to the Department of Home Economics.....	7 000 00
154.	General Paving Foundation, Champaign, Illinois: a fellowship in theoretical and applied mechanics, second semester, academic year 1957-58.....	1 750 00
155.	Gulf Research and Development Company, Pittsburgh, Pennsylvania: renewal of a fellowship in physics, academic year 1958-59..	3 036 00
156.	Haloid Company, Rochester, New York: renewal of a fellowship in physics, academic year 1958-59.....	2 500 00
157.	Hammond Lead Products, Inc., Hammond, Indiana: renewal of a fellowship in ceramic engineering, academic year 1957-58.....	2 000 00
158.	Illinois Clay Products Company, Joliet, Illinois: renewal of two fellowships in geology, academic year 1957-58.....	4 000 00
159.	Inland Steel Foundation, Inc., Chicago: renewal of a fellowship in mining and metallurgical engineering, academic year 1957-58....	3 600 00
160.	International Nickel Company, Inc., New York, New York: fellowship for the training of teachers of science and mathematics, academic year 1957-58.....	4 000 00
161.	Johnson and Johnson, New Brunswick, New Jersey: renewal of a fellowship in chemistry, academic year 1957-58.....	2 000 00
162.	Kaiser Aluminum and Chemical Corporation, Oakland, California: renewal of a fellowship in architecture, academic year 1958-59, including an unrestricted grant to the Department of Architecture for \$750 and \$200 for payment of the tuition and fees for the 1957-58 fellow	2 650 00
163.	LaSalle Steel Foundation, Chicago: fellowship in theoretical and applied mechanics, academic year 1957-58.....	2 486 00
164.	Eli Lilly and Company, Indianapolis, Indiana: renewal of a fellowship in chemistry and chemical engineering, academic year 1958-59.....	2 500 00
165.	The Lubrizol Foundation, Cleveland, Ohio: renewal of a fellowship in organic chemistry, academic year 1958-59.....	3 000 00
166.	Midwest Pharmaceutical Advertising Club, Lafayette, Indiana: fellowship in marketing, academic year 1958-59.....	1 500 00

167.	Minneapolis-Honeywell Regulator Company, Brown Instrument Division, Philadelphia, Pennsylvania: renewal of a fellowship in engineering or the physical sciences, academic year 1958-59.....	2 500 00
168.	Minnesota Mining and Manufacturing Company, St. Paul, Minnesota: renewal of fellowships in chemistry and chemical engineering, academic year 1958-59.....	4 000 00
169.	Monsanto Chemical Company, St. Louis, Missouri: renewal of two fellowships in chemistry and chemical engineering, academic year 1957-58.....	6 000 00
170.	Motorola, Inc., Chicago: renewal of the Paul V. Galvin Fellowship in electrical engineering, academic year 1957-58.....	2 500 00
171.	National Distillers and Chemical Corporation, New York, New York: a fellowship in chemistry, \$2,050, and a fellowship in chemical engineering, \$2,350, academic year 1958-59.....	4 400 00
172.	National Lead Company: Baroid Division, Houston, Texas: renewal of a fellowship in geology, academic year 1958-59.....	2 400 00
	Titanium Alloy Manufacturing Division, Niagara Falls, New York: renewal of fellowship in ceramic engineering, academic year 1958-59	2 000 00
173.	National Petro-Chemicals Corporation, Tuscola, Illinois: two fellowships, one in organic chemistry and one in chemical engineering, academic year 1957-58.....	4 000 00
174.	Ohio Oil Company, Littleton, Colorado: summer session fellowships in geology.....	1 000 00
175.	The Edward Orton, Jr. Ceramic Foundation, Columbus, Ohio: renewal of two fellowships in ceramic engineering, academic year 1957-58.....	3 600 00
176.	Owens-Corning Fiberglas Corporation, Newark, Ohio: renewal of a fellowship in ceramic engineering, academic year 1957-58....	1 700 00
177.	Parke-Davis and Company, Detroit, Michigan: renewal of a fellowship in biochemistry, academic year 1958-59.....	2 250 00
178.	Chas. F. Pfizer and Company, Inc., Brooklyn, New York: renewal of a fellowship in chemistry, academic year 1958-59.....	5 000 00
179.	Phillips Petroleum Company, Bartlesville, Oklahoma: renewal of a fellowship in chemistry and chemical engineering, academic year 1958-59	2 500 00
180.	Pittsburgh Consolidation Coal Company, Library, Pennsylvania: renewal of a fellowship in chemistry and chemical engineering, academic year 1958-59.....	2 450 00
181.	The Procter and Gamble Company, Cincinnati, Ohio: renewal of a fellowship in chemistry and chemical engineering, academic year 1958-59.....	3 486 00
182.	Pure Milk Association, Chicago: renewal of American Dairy Association Fellowship in food technology, academic year 1957-58	1 500 00
183.	Radio Corporation of America, Princeton, New Jersey: renewal of a fellowship in electrical engineering, academic year 1957-58....	3 036 00
184.	Research Corporation, New York, New York: renewal of fellowships in biochemistry, academic year 1958-59.....	5 000 00
185.	Rockefeller Foundation, New York, New York: renewal of a fellowship in microbiology, academic year 1957-58.....	2 437 56
186.	Rohm and Haas Company, Philadelphia, Pennsylvania: renewal of a fellowship in chemistry and chemical engineering, academic year 1957-58	2 000 00
187.	Katharine L. Sharp Fellowship Fund: continuation of a fellowship in library science.....	600 00
188.	Shell Companies Foundation, Inc., New York, New York: renewal of fellowships in chemical engineering and geology, academic year 1957-58.....	4 536 00
189.	Sinclair Refining Company, New York, New York: renewal of a fellowship in chemistry and chemical engineering, academic year 1958-59.....	2 500 00

190.	Socony Mobil Oil Company, Inc., Paulsboro, New Jersey: renewal of a fellowship in chemistry and chemical engineering, academic year 1958-59.....	3 336 00
191.	Sperry Gyroscope Company, Great Neck, New York: renewal of a fellowship in electrical engineering, academic year 1958-59.....	2 500 00
192.	Standard Oil Company of California, San Francisco, California: renewal of a fellowship in chemistry and chemical engineering, academic year 1958-59, and an unrestricted grant of \$750 to the Department of Chemistry and Chemical Engineering.....	2 786 00
193.	Standard Oil Company, Cleveland, Ohio: renewal of the Sohio Fellowship in chemistry and chemical engineering, academic year 1957-58.....	2 500 00
194.	Standard Oil Foundation, Inc., Chicago: renewal of a fellowship in chemistry and chemical engineering, academic year 1958-59....	2 500 00
195.	Tau Chapter of Zeta Phi Eta: fellowship in speech.....	500 00
196.	Television Shares Management Corporation, Chicago: renewal of a fellowship in electronics, academic year 1958-59.....	2 000 00
197.	The Texas Company, Beacon, New York: renewal of a fellowship in chemistry, academic year 1958-59.....	2 500 00
198.	TI-GSI Foundation (Texas Instruments Inc., Geophysical Service, Inc.), Dallas, Texas: renewal of a fellowship in physics, academic year 1958-59	2 666 00
199.	Toms River-Cincinnati Chemical Corporation, Cincinnati, Ohio: renewal of a fellowship in chemistry and chemical engineering, academic year 1957-58.....	1 586 00
200.	The Trane Company, LaCrosse, Wisconsin: renewal of a fellowship in mechanical engineering, academic year 1958-59.....	2 000 00
201.	Union Carbide and Carbon Corporation: National Carbon Company, Cleveland, Ohio: renewal of a fellowship in physics, academic year 1957-58.....	3 300 00
	Electro Metallurgical Company, Niagara Falls, New York: renewal of a fellowship in mining and metallurgical engineering, academic year 1957-58.....	3 300 00
	Bakelite Company, Bloomfield, New Jersey: renewal of a fellowship in chemistry and chemical engineering, academic year 1957-58.	3 036 00
202.	United States Rubber Company Foundation, New York, New York: renewal of a predoctoral fellowship in pure chemistry, academic year 1957-58.....	3 300 00
203.	United States Steel Foundation, Inc., Pittsburgh, Pennsylvania: additional stipend for the 1957-58 fellow in physics.....	600 00
204.	Universal Match Corporation, St. Louis, Missouri: renewal of a fellowship in chemistry and chemical engineering, second semester, academic year 1957-58.....	1 250 00
205.	Victor Chemical Works, Chicago: renewal of a fellowship in chemistry, academic year 1957-58.....	2 000 00
206.	Westinghouse Educational Foundation, Pittsburgh, Pennsylvania: renewal of a fellowship in electrical engineering, academic year 1957-58.....	2 500 00
207.	World University Service: fellowship in chemistry, academic year 1957-58.....	375 00
208.	Abbott Laboratories, North Chicago: To the Department of Animal Science for studies on the effects of arsanilic acid in reproduction in swine.....	1 200 00
	To the Department of Physiology for research on calcium utilization.....	2 500 00
209.	Allied Chemical and Dye Corporation, New York, New York: To the Department of Agronomy for a study of nitrogen mobility. To the Department of Animal Science for a study of ruminant nutrition.....	2 500 00 2 000 00
210.	Aluminum Company of America: to the Department of Agricultural Engineering for a study of farm structures.....	2 500 00
211.	American Cancer Society, Inc., New York, New York: To the Department of Bacteriology for studies on viruses.....	37 013 54

To the Department of Botany for a study of plant tumors incited by virus		1 236 94
To the Department of Electrical Engineering for research.....		6 551 44
212. American Chemical Society, Washington, D.C.: to the Department of Chemistry and Chemical Engineering for:		
A study of polar effects in the transition states of free radical displacements.....		5 850 00
Angle-strain on reactivity mechanism research.....		6 050 00
Fundamental research in petroleum field.....		17 250 00
213. American Cyanamid Company, New York, New York:		
To the Department of Agronomy for a study of weed control....		1 000 00
To the Department of Plant Pathology for studies on fungicides..		3 000 00
214. American Dairy Association of Illinois, Inc., Chicago: to the Department of Food Technology for research on substitute fats, dietary butterfat, glycerides butterfat, and milk fat ratio.....		15 000 00
215. American Potash Institute, Inc.: to the Department of Agronomy for a study of N. K. balances.....		2 000 00
216. American Society of Heating and Air Conditioning Engineers, Inc.: to the Department of Mechanical Engineering for research on hot water venting.....		2 200 00
217. American Society of Refrigerating Engineers, New York, New York: to the Physical Environment Unit of the Graduate College for a study of temperature, humidity, and air velocity for comfort and semi-comfort of industrial workers.....		1 000 00
218. Armour and Company, Chicago:		
To the Department of Animal Science for research on feed utilization.....		4 000 00
To the Department of Food Technology for studies on fatty acids.		6 000 00
219. Association of American Railroads: to the Department of Civil Engineering for a study of roadbed stabilization.....		2 000 00
220. Association of American Railroads and American Iron and Steel Institute: to the Department of Theoretical and Applied Mechanics for a study of failures in railroad rails.....		24 250 00
221. Association of American Soap and Glycerine Producers, Inc.: to the Department of Civil Engineering for research on water treatment.....		3 500 00
222. The Association of Illinois Electric Cooperatives, Springfield, Illinois: to the College of Agriculture for studies on advancing the efficient, safe, and economic use of electricity on Illinois farms.		3 535 00
223. Battle Creek Equipment Company: to the Department of Physical Education for Men for a study of trim machines.....		1 200 00
224. Bendix Aviation Corporation, Detroit, Michigan: to the Department of Ceramic Engineering for research.....		12 700 00
225. Alfred Benesch and Associates, Chicago: to the Department of Civil Engineering for the A. L. Thomas Research Fund.....		1 000 00
226. Boeing Airplane Company: to the Department of Electrical Engineering for research on antennas.....		11 068 53
227. The Carle Foundation, Urbana, Illinois: to the Department of Physiology for research in thoracic surgery.....		500 00
228. Carnation Milk Company: to the Department of Home Economics for a study of dried milk.....		1 985 06
229. Carnegie Corporation, New York, New York: to the Library and Library School for West African library survey.....		2 283 00
230. Chicago Bridge and Iron Foundation, Chicago: to the Department of Civil Engineering for a research assistantship.....		7 000 00
231. Chicago Fly Ash Company: to the Department of Civil Engineering for research.....		3 000 00
232. Commercial Solvents Corporation:		
To the Department of Agronomy for a study of the effect of gibberellin in the yield, protein content, and ear shoot development in corn.....		7 000 00
To the Department of Animal Science for a study of vitamins in hog rations		3 000 00

233. Commonwealth Edison Company and Northern Illinois Gas Company: to the Department of Electrical Engineering for research..	9 132 13
234. Consolidated Electrodynamics Corporation: to the Department of Ceramic Engineering for research on the properties of glass.....	2 000 00
235. Corn Products Refining Company, Chicago: to the Department of Animal Science for a study of growth factors in baby pigs.....	1 500 00
236. Creole Petroleum Corporation, New York, New York: to the Department of Civil Engineering for research in soil mechanics...	5 600 00
237. Crop Hail Insurance Association: to the State Water Survey for a study of hail storms.....	10 000 00
238. Curtiss Improved Stud Service, Inc., Cary, Illinois: to the Department of Dairy Science for studies in artificial insemination.....	2 500 00
239. Dawes Laboratories, Inc.: to the Department of Animal Science for research	1 800 00
240. The DeKalb Agricultural Association, Inc., DeKalb, Illinois: to the Department of Agronomy for studies on dwarf corn.....	2 500 00
241. The Dow Chemical Company, Midland, Michigan: to the Department of Agronomy for studies on chemical weed control.....	500 00
242. E. I. Du Pont de Nemours and Company, Wilmington, Delaware: to the Department of Chemistry for fundamental research, academic year 1958-59.....	15 000 00
243. Educational Television and Radio Center, Ann Arbor, Michigan: to the Institute of Communications Research for a study of verbal behavior effects of television on pre-school children.....	4 750 00
244. The Engineering Foundation: to the Department of Civil Engineering for studies of alloy steels, fatigue data, and structural joints.....	34 000 00
245. Flint, Eaton, and Company, Decatur, Illinois: to the Department of Physiology for studies on iron metabolism.....	3 116 16
246. The Ford Foundation, New York, New York: To the Bureau of Economic and Business Research for a study of family savings	85 000 00
To the Department of Sociology and Anthropology for research on the effectiveness of the federal correctional system.....	78 037 00
To the Department of Sociology and Anthropology for a study of regularities of socio-economic change in economically developing societies.....	55 506 00
To the Institute of Labor and Industrial Relations for a study of Japanese labor history.....	7 718 00
247. Forest Park Foundation, Peoria, Illinois: to the Institute of Labor and Industrial Relations for a study of economic problems of older workers in the Peoria area.....	8 500 00
248. Foundry Educational Foundation: to the Department of Mechanical Engineering for fundamental research.....	250 00
249. The Geigy Chemical Corporation, Ardsley, New York: To the Department of Agronomy for studies on chemical weed control.....	300 00
To the Department of Agronomy for soil research.....	1 500 00
250. The Goodyear Tire and Rubber Company: to the Department of Chemistry and Chemical Engineering for research on polymers...	2 000 00
251. Grace Chemical Company: to the Department of Animal Science for a study of nitrogen in sheep nutrition.....	2 500 00
252. Griffin Wheel Company: to the Department of Ceramic Engineering for research on steel casting.....	9 000 00
253. Illinois Association of Tobacco Distributors, Inc.: to the Bureau of Business Management for a study of tobacco products.....	3 000 00
254. Illinois Farm Electrification Council: to the College of Agriculture for studies on advancing the efficient, safe, and economic use of electricity on Illinois farms.....	11 890 00
255. The Illinois Farm Supply Company, Chicago: To the Department of Animal Science for studies in swine, poultry, and animal nutrition.....	1 800 00
To the Department of Dairy Science for studies in dairy cattle feeding and nutrition.....	600 00

256. Illinois Heart Association:	
To the Department of Food Technology for a study of dietary cholesterol.....	6 000 00
To the Department of Physiology for research.....	4 500 00
257. Illinois Liquid Fertilizer Association: to the Department of Agronomy for field trials.....	1 000 00
258. Illinois Seed Producers Association, Inc.: to the Department of Agronomy for a study of the production characteristics of hybrid corn.....	9 000 00
259. Institute of Boiler and Radiator Manufacturers: to the Department of Mechanical Engineering for a study of steam and water heating.	31 200 00
260. International Mineral and Chemical Corporation: to the Department of Agronomy for a study of rock phosphate.....	2 000 00
261. Johnson Service Company: to the Department of Mechanical Engineering for research.....	250 83
262. The Kretschmer Wheat Germ Corporation, Carrolltown, Michigan: to the Department of Physical Education for Men for studies of wheat germ oil.....	2 500 00
263. Lumber Dealers Research Council: to the Small Homes Council for research on roof panels.....	6 362 19
264. Malting Barley Improvement Association, Milwaukee, Wisconsin: to the Department of Agronomy for studies of barley improvement	300 00
265. Mayflower Warehousemen's Association, Indianapolis, Indiana: to the Bureau of Business Management for a study of salesmen compensation plans	3 450 00
266. McDonnell Aircraft Corporation: to the Department of Civil Engineering for research.....	13 589 22
267. Merck, Sharp, and Dohme Research Laboratories, Rahway, New Jersey:	
To the Department of Agronomy for a study of soybeans.....	6 000 00
To the Department of Chemistry and Chemical Engineering for fundamental research	1 500 00
To the Department of Animal Science for a study of growth stimulants in swine.....	2 500 00
268. Metropolitan Sanitary District of Greater Chicago: to the Department of Animal Science for a study of dried activated sewage sludge as a source of Vitamin B ₁₂	4 680 00
269. Midwest Agricultural Limestone Institute: to the Department of Agronomy for a study of soil management.....	500 00
270. Midwest Dried Milk Company, Inc.: to the Department of Animal Science for whey evaluation.....	2 600 00
271. Mrs. C. Philip Miller, Chicago: to add to the Mississippi Forest Trust Fund in support of forestry research.....	3 850 48
272. The Mink Farmers' Research Foundation, Inc., Milwaukee, Wisconsin: to the College of Veterinary Medicine for studies on virus enteritis in mink.....	4 500 00
273. Monsanto Chemical Company, St. Louis, Missouri:	
To the Department of Agronomy for studies of herbicidal action of chemical compounds.....	2 000 00
To the Department of Plant Pathology for studies of control of plant diseases	500 00
274. Moorman Manufacturing Company: to the Department of Animal Science for studies of poultry nutrition and pig rations.....	52 000 00
275. Arthur Murray Dance Studio, Champaign, Illinois: to the Department of Marketing, a fund to cover the expenses incurred in a class study project.....	500 00
276. Muscular Dystrophy Association of America, Inc.: to the Department of Animal Science for research.....	5 062 50
277. National Academy of Sciences: to the Department of Animal Science for studies and research.....	1 497 00
278. National Lead Company: to the Department of Chemistry and Chemical Engineering for research.....	9 601 00

279.	National Livestock and Meat Board: to the Department of Food Technology for a study of biological utilization of fatty acid isomers.....	8 500 00
280.	The National Vitamin Foundation, Inc., New York, New York: To the Department of Animal Science for studies of nutrition of baby pigs in relation to Vitamin B ₁₂ activity..... To the Department of Animal Science for research on Vitamin E function..... To the Radiocarbon Laboratory, Graduate College, for research on radioactive Vitamin A.....	2 000 00 5 000 00 5 318 00
281.	National Warm Air Heating and Air Conditioning Association: to the Department of Mechanical Engineering for a study of heating, ventilating, and air conditioning as related to warm air furnace heating	30 990 00
282.	Northern Illinois Breeding Association and Southern Illinois Breeding Association: to the Department of Dairy Science for research in artificial breeding.....	9 526 15
283.	The Northrup, King and Company, Minneapolis, Minnesota: to the Department of Agronomy for studies of dwarf corn.....	500 00
284.	Owens-Corning Fiberglas Corporation, Toledo, Ohio: to the Small Homes Council for a study of thermal comfort.....	12 450 00
285.	Paraffined Carton Research Council: to the Department of Food Technology for research on ice cream cartons.....	2 000 00
286.	Chas. F. Pfizer and Company, Inc., Brooklyn, New York: to the Department of Animal Science for studies of antibiotics in chick nutrition, \$1,200; vitamins in swine nutrition, \$4,000; and antibiotic mechanism, \$2,500.....	7 700 00
287.	The Pioneer Hi-Bred Corn Company, Princeton, Illinois: to the Department of Agronomy for an assistantship in basic corn research.....	5 000 00
288.	The Procter and Gamble Company, Cincinnati, Ohio: to the Department of Chemistry and Chemical Engineering for studies of egg yolk lipids, \$6,000, and wheat lipids, \$6,000.....	12 000 00
289.	The Quaker Oats Company: to the Department of Agronomy for a study of oat hybrids.....	2 000 00
290.	The Refrigeration Research Foundation, Chicago: to the Department of Food Technology for studies of the effects of refrigerated storage on the flavor and physico-chemical properties of milk, concentrated milk and cream, heated to sterilization and sub-sterilization temperatures, \$4,000; and studies of cold storage of irradiated foods, \$3,000.....	7 000 00
291.	Reinforced Concrete Research Council: To the Department of Civil Engineering for a study of floor slabs. To the Department of Theoretical and Applied Mechanics for a study of slab columns.....	20 000 00 7 500 00
292.	Research Corporation, New York, New York: to the Department of Chemistry and Chemical Engineering: For a study of metal halide addition compounds..... For a study of planar triphenylmethyl radicals and carbonium ions..... For research of synthesis and structures of complexes of phosphite esters..... For research of a new route to oxazolidines and tetrahydrol-1, 3-oxazines.....	2 350 00 2 633 00 2 457 00 812 00
293.	Rockefeller Foundation, New York, New York: To the Department of Agronomy for research on maize polyploids To the Department of Dairy Science for research in experimental biology..... To the Department of Entomology for research.....	6 961 00 13 253 66 20 620 61
294.	The Rohm and Haas Company, Philadelphia, Pennsylvania: to the Departments of Horticulture and Plant Pathology for fungicidal research	600 00

295. The Sanitary Milk Producers, St. Louis, Missouri: to the Department of Agricultural Economics for studies of the pricing and federal orders for milk.....	1	250 00
296. Shell Chemical Corporation: to the State Natural History Survey for research on insecticides.....	2	500 00
297. Slenderella, Stamford, Connecticut: to the Department of Zoology for research on fat distribution, deposition, and metabolism.....		159 74
298. Alfred P. Sloan Foundation, Inc., New York, New York: To the Division of Organic Chemistry for the researches of Dr. Roger Adams	49	200 00
To the Department of Physics for basic and fundamental research.....	74	228 00
To the Department of Mathematics for fundamental research.....	11	124 00
299. Smith, Kline, and French Laboratories: to the Department of Veterinary Research for research.....	5	000 00
300. Socony Mobil Oil Company, Inc., Paulsboro, New Jersey: to the Department of Chemistry and Chemical Engineering for research on metal coordination complexes.....	8	000 00
301. Soft Phosphate Research, Inc.: to the Department of Animal Science for a study of phosphate in swine nutrition.....	1	000 00
302. Stauffer Chemical Company: to the Department of Agronomy for a study of herbicides.....		500 00
303. Stevenson, Jordan, and Harrison, Inc., New York, New York: to the Department of Mechanical Engineering to support an investigation in the development of standard time values.....	1	050 00
304. T. A. B. Engineers, Inc.: to the College of Engineering for research on ultrasound in biology.....		675 00
305. Tee Pak Foundation: to the Department of Food Technology for research on meat deterioration.....	3	500 00
306. Union Carbide and Carbon Corporation, New York, New York: grants-in-aid to the Department of Chemistry and Chemical Engineering, \$300, and to the Department of Mechanical Engineering, \$200.....		500 00
307. United Cerebral Palsy Association, Inc.: to the Institute for Research on Exceptional Children for a study of language processes of pre-school cerebral palsied children.....	21	575 69
308. United States Industrial Chemicals Company: to the Department of Agronomy for research in soil chemistry.....	3	000 00
309. University of Pennsylvania, Philadelphia, Pennsylvania: to the Department of Bacteriology for research on soybeans.....		500 00
310. The Upjohn Company, Kalamazoo, Michigan: To the Department of Plant Pathology for research.....	6	000 00
To the Department of Chemistry and Chemical Engineering for research.....	5	700 00
311. Velsicol Chemical Corporation, Chicago: to the Department of Entomology for research on the toxicology of insecticides.....	2	500 00
312. VioBin Corporation, Monticello: To the Department of Animal Science for studies of wheat germ oil.....	1	375 00
To the Department of Animal Science for a study of nutrition in proteins and fats.....	1	650 00
To the Department of Animal Science for a study of nutrition in fishmeal.....		750 00
To the Department of Physical Education for Men for a study of physical fitness	4	800 00
313. Hiram Walker and Sons, Inc.: to the Department of Animal Science for research on dried solubles, \$720, and on fermentation products, \$1,000	1	720 00

Total, Funds for Graduate Fellowships and Research.....\$1 426 868 77

Research Contracts with United States Government

314. Air Force	\$988 983 27
315. Army Chemical Corps.....	2 334 49
316. Army Ordnance	162 554 18

317. Army Institute	1	466	75
318. Army Quartermaster Corps.....	19	099	11
319. Army Signal Corps.....	504	972	23
320. Army Surgeon General.....	95	072	64
321. Atomic Energy Commission.....	647	203	43
322. Bureau of Public Roads.....	22	638	92
323. Department of Agriculture.....	52	849	55
324. Department of Health, Education, and Welfare.....	67	115	76
325. Department of State.....	7	000	00
326. Engineering Center	47	429	66
327. Fifth Army		856	25
328. International Cooperation Administration.....	793	036	16
329. National Academy of Sciences.....	1	615	27
330. National Advisory Committee for Aeronautics.....	19	229	50
331. National Science Foundation.....	443	544	92
332. Naval Training Center.....	24	033	28
333. Navy Bureau of Aeronautics.....		341	78
334. Navy Bureau of Ships.....	306	986	09
335. Navy Ordnance	7	889	30
336. Office of Naval Research.....	794	821	74
337. Office of Vocational Rehabilitation.....	1	100	00
338. Public Health Service.....	636	849	02
339. Tennessee Valley Authority.....	5	034	23
<i>Total, Research Contracts with United States Government.</i>			
	\$6	654	057 53 ¹

Research and Public Service Contracts with State of Illinois Agencies

340. State Superintendent of Public Instruction.....	\$19	106	87
341. State Department of Public Welfare.....	70	143	68
342. State Department of Public Works and Buildings, Division of Highways.....	143	817	22
343. State Housing Board.....	3	000	00
344. Department of Registration and Education.....	6	537	81
345. Department of Public Safety.....	15	024	31

*Total, Research and Public Service Contracts with State of
Illinois Agencies*

\$257 629 89

Gifts of Equipment, Library Material, and Works of Art

346. Mr. Robert Allerton, Hawaii: to the College of Fine and Applied Arts, a watercolor painting, "Tony's Birthday," by Rainey Bennett.
347. The Art Institute, Chicago, Illinois: to the Department of Architecture, an exhibition entitled "Louis Sullivan and the Architecture of Free Enterprise."
348. Mr. and Mrs. Herman E. Cooper, New York, New York: to the College of Fine and Applied Arts, a painting, "The Cove," by Eugene Boudin (estimated value \$6,000).
349. Mrs. Louise E. Dexter, Carmel Valley, California: to the College of Fine and Applied Arts, a three-piece Victorian coffee service.
350. Mrs. Spencer Ewing, Captiva, Florida: to the College of Fine and Applied Arts, ten pieces of English eighteenth and early nineteenth century silver (estimated value \$960).
351. Illinois State Florists' Association: to the Department of Horticulture, laboratory equipment (value \$6,131.59).
352. Mr. Charles A. Kiler, Champaign, Illinois: to the College of Fine and Applied Arts, a painting, "The Holy Family," by Andrea del Sarto (estimated value \$500).
353. Mrs. Margaret Hallett Lang, Hancock, New Hampshire: to the College of Fine and Applied Arts, a marble portrait bust of Ann Eliza Hallett by Launt Thompson, dated 1861 (estimated value \$1,000).
354. The Metallizing Engineering Company, Inc., Chicago, Illinois: to the Department of Mechanical Engineering, one thermo spray gun,

¹In addition the University was reimbursed to the extent of \$632,029.60 for indirect costs including administration and physical plant expenses.

- one type PC cooler unit, one type PV vibrator, one type GF flow meter (estimated value \$800).
355. Mr. S. Pellman, Brooklyn, New York: a painting, "Mist Over the Orchard," by Ann Mittleman.
356. Portable Elevator Company, Bloomington, Illinois: to the College of Veterinary Medicine, a portable elevator (estimated value \$700).
357. Mr. Peter Rubel, Cos Cob, Connecticut: to the College of Fine and Applied Arts, a painting, "Homage to Charlemagne," by Georges Mathieu (estimated value \$6,000).
358. Mr. Solomon I. Sklar, New York, New York: a painting "Flower Shop #5," by Alma Schapiro.
359. Mr. Walter Stein, New York, New York: to the College of Fine and Applied Arts, a watercolor, "Still Life With Fruit," by Raoul Dufy (estimated value \$4,000).
360. Union Carbide and Carbon Corporation, New York, New York: to the Department of Mechanical Engineering, equipment (estimated value \$675).
361. United Aircraft Corporation, Windsor Locks, Connecticut: to the Department of Mechanical Engineering, an F-4D refrigeration unit in operating condition for cabin and electronic equipment cooling system (estimated value \$1,500).
362. Upjohn Company, Kalamazoo, Michigan: to the Department of Chemistry and Chemical Engineering, laboratory type lyophil drying apparatus (estimated value \$700).
363. Mr. Benjamin Weiss, New York, New York: to the College of Fine and Applied Arts, two paintings, "Rape of the Leaf," by Theodoros Stamos (estimated value \$600), and "St. Paul and Minneapolis," by Walter Quirt (estimated value \$900).
- Total, Colleges and Schools at Urbana-Champaign.....\$8 656 112 51*

Chicago Colleges

Scholarships, Prizes, and Other Financial Aids

364. American Medical Education Foundation: to the College of Medicine for medical education, as allocated by the Dean of the College. \$ 7 747 50
365. Associated Hospital Service of Illinois, Inc.: to the Department of Otolaryngology for photographic supplies..... 50 00
366. Bertha Berkelhamer: for the annual Doctor Ralph C. Berkelhamer Scholarship..... 100 00
367. Boll and Lewis Optical Company, Chicago: to the Department of Otolaryngology for photographic supplies..... 25 00
368. Central Committee of Nonacademic Employees: to the Office of the Vice-President to be used for the service recognition program. 200 00
369. Chicago Association of Orthodontists: to the Department of Orthodontics for research and educational programs..... 500 00
370. Chicago Dental Society, North Side Branch: to the College of Dentistry for an award to a student in dentistry who shows the greatest progress in rank during his four years of residency..... 100 00
371. Chicago Woman's Aid: to the Department of Audiology for the purchase of scientific journals for the Speech and Hearing Center. 80 00
372. Drama Club of Evanston: for a scholarship in the College of Medicine..... 500 00
373. E and J Manufacturing Company, Burbank, California: to the Department of Clinical Science supplementing previous grant for expenses for an exhibit on cardiorespiratory dynamics of controlled respiration, prepared for the American Medical Association convention..... 196 49
374. Anna Fuller Fund, New Haven, Connecticut: reimbursement for travel by Dr. Harris Busch to the International Cancer Conference in London..... 200 00
375. The Goldenrod Ice Cream Company, Chicago: to the College of Pharmacy, two undergraduate scholarships for students of pharmacy..... 400 00

376.	Humiston-Keeling and Company, Chicago: to the College of Pharmacy, two undergraduate scholarships for students of pharmacy.....	400 00
377.	Dr. Lester D. Kaplin, an alumnus of the College of Dentistry: for prizes for three students in the graduating class who excel in clinical dentistry	50 00
378.	LAG Drug Company, Chicago: to the College of Pharmacy, undergraduate scholarship	200 00
379.	Dr. Felix Mooney, Bristol, Pennsylvania: for an annual scholarship in medicine.....	500 00
380.	National Fund for Medical Education: for an educational program to be administered by the Dean of the College of Medicine..	58 875 00
381.	From various donors to the Library Gift Fund in memory of Dr. Channing W. Barrett, former member of the faculty of the College of Medicine.....	160 00
	Berwyn Hospital Association.....\$	50 00
	Mr. R. Rea Esgar, Chicago.....	20 00
	Henrotin Hospital Nurses' Alumnae Association.....	25 00
	Dr. Abraham F. Lash.....	50 00
	Mr. Roy A. Sternaman.....	10 00
	Mr. A. W. Stoolman.....	5 00
382.	From various donors for the Occupational Therapy Gift Fund....	713 00
	Alpha Kappa Kappa Wives' Club, for the purchase of a bulletin board for the children's floor, Department of Orthopaedic Surgery	\$ 20 00
	American Federation of State, County, and Municipal Employees Local No. 1220 for music and recreational materials for patients.....	25 00
	Chicago Illinae Club.....	225 00
	The Congregational Church of Oak Park, Illinois.....	10 00
	Mrs. Herbert H. Green, Gibson City, Illinois.....	5 00
	Miss Alice Hallworth, Warrenville, Illinois.....	5 00
	Illinois Research Hospital Auxiliary from the Campaign campus	10 00
	Mrs. George Milles, Oak Park, Illinois, for purchase of radios for the Department of Pediatrics.....	50 00
	Stuart Lorange Memorial Foundation.....	263 00
	Women's Auxiliary of the Professional Colleges.....	100 00
383.	From various donors for the Orthopaedic Gift Fund.....	2 762 04
	Beverly Hills Junior Woman's Club.....\$	75 00
	Collison Surgical Engineering Company.....	178 19
	Edgebrook Lions Club.....	200 00
	Kappa Alpha Theta.....	553 85
	Women of the Rotary Club of Chicago.....	1 755 00
384.	Mr. Kenney E. Williamson, Peoria, Illinois: to the Research and Educational Hospitals for purchase of a television set for one of the wards	100 00
385.	Estate of Victor S. Yarros: for the Rachelle S. Yarros Scholarship Fund for scholarships in medicine.....	892 12
386.	Louis Zahn Drug Company: to the College of Pharmacy, five scholarships, \$200 each.....	1 000 00
387.	Foundry Educational Foundation, Cleveland, Ohio: to the Chicago Undergraduate Division:	
	For the Robert E. Kennedy Memorial Scholarship in engineering..	1 300 00
	For foundry education, under the direction of Associate Professor Roy W. Schroeder.....	250 00
388.	The Johnson Foundation, Racine, Wisconsin: to the Chicago Undergraduate Division for the Copernicia palm project under the direction of Dr. Sidney Glassman, Division of Biological Sciences.	2 500 00
389.	Mr. Arnold Stebinger, New York, New York: to the Chicago Undergraduate Division for the Eugene Stebinger Memorial Library Fund	100 00

390. From various donors: to the Chicago Undergraduate Division, Division of Physical Sciences, for the Stebinger Fund used for travel expenses for field trips.....	300 00
<i>Total, Scholarships, Prizes, and Other Financial Aids.....</i>	<i>\$80 201 15</i>

Funds for Fellowships and Research

391. S. H. Camp Foundation: for a fellowship in orthopaedic surgery.\$	1 500 00
392. Lederle Laboratories Division, American Cyanamid Company, Pearl River, New York:	
To the Graduate College for two fellowships.....	1 200 00
To the Department of Medicine for research in infectious diseases and related fields, under the direction of Dr. Harry F. Dowling....	10 000 00
393. National Foundation for Infantile Paralysis: for continuation of a fellowship in pharmacology.....	1 250 00
394. Tobacco Industry Research Committee: to the Graduate College for a fellowship, under the supervision of Dr. Milan V. Novak....	500 00
395. Abbott Laboratories, North Chicago.....	6 075 00
To the Department of Pharmacology for the Abbott Laboratories Seminars, under the direction of Dr. Klaus R. Unna	\$ 600 00
To the Department of Surgery for the salary of an assistant in cardiovascular surgery research, under the direction of Dr. Ormand C. Julian.....	3 000 00
To the Department of Surgery to support research on the effect of various chemicals on growth of cancer, under the direction of Dr. Warren H. Cole.....	1 000 00
To the Department of Pharmacology to support pharmacology-graduate education, under the direction of Dr. Klaus R. Unna.....	1 200 00
To the Department of Surgery for the cardiovascular gift fund	275 00
396. American Cancer Society, New York, New York:	
To the Department of Biological Chemistry for studies on enzymes, under the direction of Dr. Paul Kohn.....	7 880 50
To the Department of Microbiology for a study of immunologic properties of human and animal malignant and normal cells grown in tissue culture.....	2 000 00
To the Department of Microbiology for studies of cell division phenomena in <i>H. capsulatum</i>	2 233 00
To the Department of Obstetrics and Gynecology for research in the simplification of diagnostic curettage, under the direction of Dr. William Mengert.....	4 000 00
To the Department of Pathology for histogenesis of basal cell carcinoma.....	500 00
To the Department of Pharmacology, for studies on the metabolism of plasma proteins in tumor-bearing rats, under the direction of Dr. Harris Busch.....	10 644 00
To the Department of Pharmacology for research in the field of cancer, under the direction of Dr. Harris Busch.....	7 305 00
To the Department of Pharmacology for a study of nitrogen....	2 000 00
To the Department of Surgery for a study of spontaneous regressions of cancer, under the direction of Dr. Warren H. Cole.....	1 837 80
To the Department of Surgery for a study of screening of human cancer by tissue culture methods.....	7 500 00
To the Department of Surgery for a study of hepatic damage....	1 651 50
To the Department of Surgery for a study of cancer cells in the circulating blood and response of these cells to chemotherapy, under the direction of Dr. Warren H. Cole.....	20 340 49
To the Department of Surgery for a study of tumor cells.....	1 610 50
To the Department of Surgery for a study of cancer cells by tissue culture, under the direction of Dr. Gerald O. McDonald.....	15 416 65
397. American Heart Association: to the Department of Physiology for a study of pathogenesis and treatment of experimental hyper-	

	tension produced by constriction of carotid sinus area, under the direction of Dr. George E. Wakerlin.....	6 187 50
398.	Arthritis and Rheumatism Foundation: To the Department of Medicine for research on serial kidney biopsies in rheumatic disorders and related conditions, under the direction of Dr. Robert M. Kark.....	12 000 00
	To the Department of Medicine for a study of renal lesions through serial kidney biopsies, under the direction of Dr. Irving Steck.....	1 000 00
	To the Department of Medicine for a study of purine metabolism in gouty individuals, under the direction of Dr. Max Montgomery and Dr. Aaron B. Kendrick.....	7 661 00
399.	Asthmatic Children's Aid: To the Department of Medicine for a study of the effect of acetylcholine inhibitors on experimental bronchial asthma in guinea pigs, under the direction of Dr. Max Samter.....	6 000 00
	To the Department of Medicine for a study by fluorescence of reagin localization and reagin-allergen reaction, under the direction of Dr. Ben Z. Rappaport.....	1 500 00
400.	Walter R. Barker, Chicago: to the Department of Neurology and Neurological Surgery for research, under the direction of Dr. Frederic A. Gibbs.....	1 000 00
401.	Baxter Laboratories, Inc., Chicago: to the Department of Microbiology for research, under the direction of Dr. George H. Scherr.	250 00
402.	Belton Institute for Hearing Research: to the Department of Otolaryngology for research.....	150 06
403.	Chicago Heart Association: To the Department of Pediatrics for investigations of rheumatic fever in childhood, under the direction of Dr. C. J. Marienfeld....	7 003 00
	To the Department of Surgery for a study of vascular grafts....	6 000 00
	To the Department of Surgery for research on revascularization of the myocardium by means of multiple arteriovenous fistulae produced by puncture wounds, under the direction of Dr. Ormand C. Julian	9 900 00
404.	Jane Coffin Childs Fund of Yale University: to the Department of Pharmacology for research on interconversion of intermediates of carbohydrate metabolism and amino acids in tumors and other tissues, under the direction of Dr. Harris Busch.....	10 000 00
405.	Colorado Dental Foundation: to the Department of Oral Pathology for research on histopathology of periodontal tissues, under the direction of Dr. Joseph P. Weinmann.....	1 400 00
406.	Columbia-Geneva Steel, a Division of the United States Steel Corporation: to the Department of Pedodontics for a study of tooth development	17 500 00
407.	Commonwealth Engineering Company: to the Department of Physiology for the preliminary study of pharmacological effects of carboxymethyl dextran histamine, under the direction of Dr. Raymond C. Ingraham.....	189 00
408.	Downers Grove United Fund, Inc.: to the Department of Orthopaedic Surgery for the development of research facilities in the study of muscle dystrophy and atrophies in the handicapped child..	887 50
409.	Easter Seal Research Foundation, National Society for Crippled Children and Adults: to the Department of Otolaryngology, for vestibular studies in cerebral palsy, under the direction of Dr. Francis L. Lederer.....	7 521 37
410.	Dr. Ward Eastman, Peoria: to the Department of Surgery for the Ward Eastman and James Hurlbut Gift Fund, for research...	100 00
411.	Eureka United Fund Appeal: to the Department of Pharmacology for research in heart disease, under the direction of Dr. Theodore R. Sherrod	250 00
412.	Federal Reserve Bank of Chicago Employees: for the Respiratory Center of the Research and Educational Hospitals for activities related to polio care.....	1 400 00

413. Geigy Pharmaceuticals, Ardsley, New York: to the Department of Pharmacology for research on the action of autonomic drugs on the central nervous system, under the direction of Dr. Klaus R. Unna	13 000 00
414. Geschickter Fund for Medical Research: to the Department of Pharmacology for a study of the pharmacology of aromatic amines, under the direction of Dr. Klaus R. Unna.....	16 216 00
415. Hoffman-LaRoche, Inc., Nutley, New Jersey: to the Department of Physiology to support research on the role of carotene and vitamin A in the physiology of the skin, under the direction of Dr. Ruven Greenberg.....	10 000 00
416. Illinois Federation of Women's Clubs: to the Department of Surgery for cancer research.....	1 027 76
417. Institute for Study of Analgesic Drugs: to the College of Pharmacy for research.....	4 000 00
418. Arthur Keating Foundation: to the Department of Orthodontics for research in histochemistry, under the direction of Dr. Milton B. Engel	50 00
419. Lakeland Foundation, Chicago: to the Department of Clinical Science for research to attempt to isolate the growth stimulating and inhibiting agents from the liver or intestinal mucosa, under the direction of Dr. Andrew C. Ivy.....	11 000 00
420. Leukemia Research Foundation, Inc.: to the Department of Biological Chemistry for research on phosphonic acid analogs of nucleoside phosphates, under the direction of Dr. Terrell C. Myers	6 500 00
421. Leukemia Society, Inc.: to the Department of Physiology for a study of leukocytes.....	500 00
422. 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, under the direction of Dr. Sam S. Barkulis.....	8 250 00
423. Dr. Charles Lightfoot of the Department of Otolaryngology: to the Department of Otolaryngology for work in audiology.....	233 12
424. Eli Lilly and Company, Indianapolis, Indiana: To the Department of Surgery for clinical evaluation of a new analgesic drug "darvon" in comparison with codeine, under the direction of Dr. Danely P. Slaughter.....	1 293 67
To the Department of Microbiology to study protein synthesis in virus infection, under the direction of Dr. John E. Kempf.....	6 366 00
To the Department of Clinical Science for exploratory study of the effect of Phenaglycodal on gastric secretion in the dog, under the direction of Dr. Andrew C. Ivy.....	317 20
425. From friends of Mr. Park Livingston: for the Elizabeth Murdock Livingston Memorial Fund for research in diseases of the liver.....	373 50
426. Mr. Allan Loeb, Chicago: to the College of Medicine for cardiovascular research, under the direction of Dr. Ormand C. Julian...	2 139 82
427. Mr. Lambert J. Martin, New Orleans, Louisiana: to the Department of Pediatrics for children afflicted with leukemia.....	6 00
428. Mead Johnson and Company, Chicago: to the Department of Pedodontics to support research to study the nutritional status of children suffering from rampant dental caries, under the direction of Dr. Maury Massler.....	4 000 00
429. Muscular Dystrophy Association of America, Inc.: to the Department of Medicine for a study of carnitine metabolism in muscular dystrophy, under the direction of Dr. Robert M. Kark..	6 987 60
430. National Academy of Sciences: to the Department of Anatomy for a study of genadotropic hormones in urine of rhesus monkey.	900 00
431. National Association for Mental Health, Inc.: to the Department of Psychiatry for research in schizophrenia, under the direction of Dr. Leo G. Aboud.....	3 500 00
432. National Foundation for Infantile Paralysis: To the Department of Preventive Medicine for research on urinary mucoprotein calculi, under the direction of Dr. Mark H. Lepper..	12 046 00

	For the operation of the Poliomyelitis Respiratory and Rehabilitation Center, under the direction of Dr. Mark H. Lepper.....	84 508 69
433.	National Multiple Sclerosis Society: to the Department of Neurology and Neurological Surgery for research.....	9 476 16
434.	Mr. George S. Oberne: to add to the Alva Oberne Cancer Research Fund, under the direction of Dr. Warren H. Cole.....	410 00
435.	Pedodontic Seminar Group: To the Department of Pedodontics for research on the effects of Formol-Cresol on the dental pulp, under the direction of Dr. Maury Massler.....	2 000 00
	To the Department of Pedodontics for an histologic study of human teeth and rat molars, under the direction of Dr. Maury Massler.....	2 100 00
436.	Chas. F. Pfizer and Company, Brooklyn, New York: To the Department of Biological Chemistry to support research in metabolism of glucosamine, under the direction of Dr. Richard J. Winzler	5 865 00
	To the Department of Medicine for a study of infectious diseases.	10 000 00
437.	Planned Parenthood Federation of America, Inc., New York, New York: to the Department of Anatomy for research in the side effects of tranquilizing drugs, under the direction of Dr. Samuel R. M. Reynolds	3 435 00
438.	Research Corporation, Inc., New York, New York: to the Department of Biological Chemistry for a synthesis of analogs of thymidine.....	2 500 00
439.	Roanoke Area United Fund Appeal: to the Department of Medicine for studies of cardiac contractility in heart disease, under the direction of Dr. Harry A. Bliss.....	350 00
440.	Sandoz Pharmaceuticals, Hanover, New Jersey: To the Department of Pharmacology for neuropharmacology research under the direction of Dr. Klaus R. Unna.....	1 500 00
	To the Department of Preventive Medicine for research on hypertension and headache mechanisms, under the direction of Dr. Adrian M. Ostfeld.....	9 250 00
441.	G. D. Searle and Company, Skokie, Illinois: to the Department of Medicine for a study of anti-asthmatic drugs, under the direction of Dr. Max Samter.....	3 400 00
442.	Smith, Kline, and French Laboratories, Philadelphia, Pennsylvania: To the Department of Medicine for research in allergy under the direction of Dr. Max Samter.....	500 00
	To the Department of Surgery (Anesthesiology) for pain study, under the direction of Dr. Max S. Sadove.....	400 00
443.	Dr. Henry A. Sturman, Hartford, Connecticut: to the Department of Orthodontics for research and educational activities.....	500 00
444.	Teagle Foundation, New York: to the Department of Psychiatry for paralysis agitans research, under the direction of Dr. Leo G. Aboud.....	8 000 00
445.	The Toni Company, Chicago: to the Department of Microbiology for research on the evaluation of fungicidal agents, under the direction of Dr. Edward E. Vicher	3 000 00
446.	Tuberculosis Institute of Chicago and Cook County: to the Department of Medicine for a study of progression of chronic pulmonary fibrosis, emphysema and bronchiectasis by means of pulmonary function tests, under the direction of Dr. Harry F. Dowling.....	5 513 83
447.	University of Chicago: to the Department of Medical Social Service, College of Medicine.....	7 087 19
448.	The Upjohn Company, Kalamazoo, Michigan: To the Department of Biological Chemistry for graduate teaching, under the direction of Dr. Richard J. Winzler.....	3 000 00
	To the Department of Preventive Medicine for a study of infectious diseases	750 00
	To the Department of Surgery for a study of steroids, under the direction of Dr. Warren H. Cole.....	3 750 00

449. From various donors to the Department of Dermatology for research.....	850 00
Anonymous donor	\$ 100 00
Dome Chemicals, Inc., New York, New York.....	500 00
Dr. Philip R. Latta.....	250 00
450. From various donors to the Department of Medicine for research in hematology	150 00
Anonymous donor	\$ 15 00
Bershire Papers, Inc., Chicago.....	10 00
Mr. Charles F. Rydson, Jr., Chicago.....	10 00
Mr. Arthur O. Lindaman, Sr., Chicago.....	100 00
Lions of District 1-A, Chicago.....	15 00
451. From various donors: to the Department of Pediatrics in memory of John Yardley, a former patient.....	258 50
Gazzolo Drug and Chemical Company.....	\$ 95 00
From neighbors and friends.....	163 50
452. From various donors: to the Department of Psychiatry for research.....	65 00
Mr. and Mrs. Sidney Jaffe.....	\$ 50 00
Mr. and Mrs. Walter Gutmann, Skokie, Illinois.....	5 00
Mrs. R. G. Smith.....	10 00
453. From various donors: to the Department of Surgery for cancer research.....	2 205 00
Mr. Edward Atlas, Chicago.....	\$ 50 00
Dr. Warren H. Cole.....	1 790 00
Mrs. Irving Crown.....	100 00
Margarette and Henry Gibson, in memory of Mrs. Margaret Gibson	130 00
Golding Brothers Company, Chicago, in memory of Mary Louise Brown.....	20 00
Montgomery Ward and Company, in memory of Mrs. Margaret Gibson	15 00
Mrs. Winnifred Sorling, Springfield, Illinois.....	100 00
454. From various donors: to the Lida Hough Watts Memorial Fund for research in hematology in the Department of Medicine.....	1 228 00
455. Wilmette United Fund: to the Department of Surgery for cancer research.....	3 000 00
456. Winthrop-Stearns, Inc., New York, New York: to the Department of Surgery (Anesthesiology) for research in cardiovascular and respiratory functions during anesthesia, under the direction of Dr. Max S. Sadove.....	1 350 00
457. Mr. and Mrs. Carl Winter: to the Department of Pediatrics in memory of Lindy Lou Winter, a former patient in that Department.....	87 00
458. Wyeth Laboratories: to the Department of Surgery (Anesthesiology) for study of blood volume and cardiac output in surgical patients, under the direction of Dr. Max S. Sadove.....	3 500 00
Total, Funds for Fellowships and Research.....	\$492 048 91

Research Contracts with United States Government, Chicago Professional Colleges

459. Air Force	\$ 4 003 83
460. Army Chemical Corps.....	18 266 53
461. Army Surgeon General.....	68 108 98
462. Atomic Energy Commission.....	32 112 00
463. National Science Foundation.....	12 700 00
464. Office of Naval Research.....	33 873 58
465. Office of Vocational Rehabilitation.....	7 705 13
466. Public Health Service.....	1 133 669 88

Total, Research Contracts with United States Government,
Chicago Professional Colleges.....\$1 310 439 93

Research and Public Service Contracts with State of Illinois Agencies, Chicago Professional Colleges*

467. State Department of Public Health.....	\$11 643 38
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468. State Department of Public Welfare.....	89 314 77
<i>Total, Research and Public Service Contracts with State of Illinois Agencies, Chicago Professional Colleges.....</i>	<i>\$100 958 15</i>

Gifts of Equipment, Library Material, and Works of Art

469. Anonymous donor: a complete set of the Encyclopaedia Britannica and a bookcase to be placed in the childrens' ward of the Research and Educational Hospitals.	
470. College of Pharmacy Class of 1957: two concrete benches costing \$77.16 located on the front walk leading into the College of Pharmacy building.	
471. Colonel Henry Crown, Chicago: a radio recording combination and a cabinet model television set for the Research and Educational Hospitals.	
472. E. I. Du Pont de Nemours and Company, Hollywood, California: to the Department of Psychiatry, 50,000 feet of 35 mm. coronar motion picture film.	
473. From the family of Dr. Stephen Forbes: to the Department of Radiology, books and journals of the late Dr. Stephen Forbes.	
474. Dr. Roger A. Harvey, Department of Radiology: a Pako model 80 filmtanx (estimated value \$225).	
475. Humiston-Keeling and Company, Chicago: to the College of Pharmacy, two films, "Design for Life" and "Time for Tomorrow," prepared by the American Foundation for Pharmaceutical Education (estimated value \$250).	
476. Professor A. Hooker Goodwin of the Illustration Studios: a portrait of Professor Thomas S. Jones, Professor <i>Emeritus</i> of Medical and Dental Illustration.	
477. Mrs. John Joyce: to the Department of Pediatrics, a table model radio.	
478. Lambda Kappa Sigma sorority: a bulletin board for the women's locker room in the College of Pharmacy building.	
479. Precision Scientific Company, Chicago: to the Hospital Laboratories, a multimode sterilizer.	
480. Sears Foundation: five films relating to the work of the work simplification program of the Research and Educational Hospitals (estimated value, \$100-\$120).	
481. Elaine Settler Polio Foundation: an air conditioner for use in the Respiratory Center in the Research and Educational Hospitals.	
482. Mrs. Eugene Strong: a baby jumper for the pediatric nursery.	
483. Will County Pharmaceutical Association: a Zenith radio for the Student Women's Lounge in the College of Pharmacy building (estimated value \$90).	
484. WLS Christmas Neighbors Club: four table model radios to the Department of Occupational Therapy (estimated value \$98.40).	
<i>Total, Chicago Colleges.....</i>	<i>\$1 983 648 14</i>

Gifts to the University of Illinois Foundation

485. Illini Achievement Fund.....	\$ 93 000 15
486. Other Gifts for Current Purposes.....	315 750 93
487. Endowment Funds	126 258 87
<i>Total, Gifts to the University of Illinois Foundation.....</i>	<i>\$535 009 95</i>

Summary

Funds from Private Donors

Total for Urbana-Champaign.....	\$ 1 744 425 09
Total for Chicago Colleges.....	572 250 06
<i>Total.....</i>	<i>\$ 2 316 675 15</i>

Funds from Contracts with United States Government

Total for Urbana-Champaign.....	\$ 6 654 057 53
Total for Chicago Colleges.....	1 310 439 93
<i>Total.....</i>	<i>\$ 7 964 497 46</i>

Funds from Contracts with State of Illinois Agencies

Total for Urbana-Champaign.....	\$	257	629	89
Total for Chicago Colleges.....		100	958	15
<i>Total</i>	\$	358	588	04

Gifts to the University of Illinois Foundation.....	\$	535	009	95
<i>Grand Total</i>	\$11	174	770	60

This report was received for record.

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 bid.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Six commercial air conditioners	Physical Plant	R. H. Bishop Co., Champaign	\$4 919 00 f.o.b. delivered
One blower fan with cooling and heating coil			
One forty-ton package chiller for air-conditioning system	Physical Plant	R. H. Bishop Co., Champaign	6 000 00 f.o.b. freight allowed
One air-cooled condenser, forty-ton capacity	Physical Plant	Vilter Sales & Construction Co., Chicago	3 066 00 f.o.b. Urbana

On motion of Mr. Nickell, 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 bid.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
29.2 tons ammonium nitrate	Agricultural	Tennessee Valley	\$9 014 02 ¹
53 tons diammonium phosphate	Economics	Authority, Knoxville, Tenn.	f.o.b. delivered
4 tons concentrated superphosphate	Allerton Farms		
10 tons calcium metaphosphate	Operations		
6 tons ammonium phosphate nitrate			
276 steel office chairs for Biology Building and for Room 100 Administration Building as follows:	Bacteriology	All-Steel Equipment, Inc., Aurora	6 161 50 f.o.b. Urbana
110 swivel chairs, no arms	Physiology		
24 swivel chairs, with arms	Bursar's Division		
112 side chairs, no arms	Records		
30 side chairs, with arms			
One Varian No. V-4004 4 in. laboratory electromagnet with cylindrical and tapered pole caps and one each No. V-2300A magnet power supply and V-2301A current regulator	Electrical	Varian Associates, Palo Alto, Calif.	4 490 00 f.o.b. Palo Alto, Calif.
Four Electronic Associates, Inc. type 16-5AA-20 pre-patch panels and related equipment including three generator chassis and one Model 1100E variplotter	Electrical	Electronics Associates, Inc., Long Branch, N.J.	8 490 00 f.o.b. Long Branch, N.J.
One Gertsch Products model FM-4A microwave frequency multiplier and model FM-6R (modified) VHF frequency meter	Physics	Gertsch Products, Inc., Los Angeles, Calif.	4 390 00 f.o.b. Los Angeles, Calif.
One Tektronix 517A oscilloscope with P11 screen, seven millimicroseconds risetime, and 0.01 microsecond/cm. to 20 microsecond sweep range	Physics	Tektronix, Inc., Elmwood Park	3 500 00 f.o.b. Portland, Oregon
One model 6137 Vanguard deep therapy X-ray generator with ceiling head mount and upright control unit, with 280 KV at 20 MA continuous operation	Physiology	Picker X-Ray Corp., Chicago	15 825 00 f.o.b. delivered

¹ One-half of the cost will be paid by the Allerton Farms' tenants.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One polarizing microscope, nine objectives, three eyepieces, one condenser Photomicrographic camera	Anatomy, College of Medicine	W. H. Kessel & Co., Chicago	\$2 606 95 delivered
500,000 multiple vitamin capsules having a formula which meets the requirements of the Therapeutic Committee of the Research and Educational Hospitals	Hospital Pharmacy	Xttrium Laboratories, Inc., Chicago	3 730 00 delivered
31 beds and night stands for use of psychiatric patients	Research and Educational Hospitals	Karoll's, Inc., Chicago	2 728 00 delivered
436 sections of steel library bracket-type book shelving to be furnished and installed in the Biology Building library. Each section is 36 in. wide and 7 ft. 6 in. high. There are 388 double-faced and 48 single-faced sections Additional cost for furnishing the above book shelving with special groove-type shelves and special positive action book supports	University Library	Remington Rand, Chicago	23 517 00 f.o.b. delivered and installed
Printing eight issues (21,000 copies each) <i>Illinois Alumni News</i>	Alumni Association	E. W. Petty Co., Effingham	17 560 00 f.o.b. delivered
Printing two issues (95,000 copies each) <i>Illinois Alumni News</i>			
Steel office desks, tables, bookcases, and cabinets for Room 100 Administration Building 49 desks 14 tables 11 bookcases 3 cabinets	Bursar's Division Admissions and Records	Riha, Petersen, & Vail, Inc., Chicago	7 677 33 f.o.b. Urbana
Blanket crime insurance, effective December 29, 1958, for five years at limits of \$350,000.00 covering the Board of Trustees of the University of Illinois at a cost of \$8,713.12 and blanket crime insurance for five years at limits of \$100,000.00 covering the University-related agencies and student organizations at a cost of \$1,696.95, or a total of \$10,410.07	Bursar and Accounting	V. P. Hartwell, Peoria, representing the American Motorists Insurance Co.	10 410 07
12 standard electric typewriters	Admissions and Records	Engelhardt-Shay Typewriter Co., Champaign	3 009 00 f.o.b. delivered
Sulphite white offset paper 5,000 reams, 8 1/4 x 11 fifty-lb. 1,000 reams, 8 1/2 x 11 seventy-lb.	Office Supply Stores	Bradner Smith & Co., Chicago	4 713 80 f.o.b. delivered
English finish book paper 150 reams, 25 x 38 fifty-lb. white No. 1 150 reams, 25 x 38 seventy-lb. white No. 1	Office Supply Stores	West Virginia Pulp & Paper Co., Chicago	2 773 89 f.o.b. delivered
40 dozen cups 50 dozen saucers 50 dozen dinner plates 100 dozen salad plates 60 dozen fruit dishes 60 dozen oatmeal bowls 10 dozen fluted bowls 10 dozen vegetable bowls 10 dozen cream pitchers 5 dozen sugar bowls	Housing Division	Advance Hospital Supply Co., Chicago	2 872 85 f.o.b. delivered
Replacements for Lincoln Avenue Residence Food Service Operations			
1,953 1/4 yards upholstery fabric for future repair of furniture in Allen Hall	Housing Division	Associated Service & Supply Co., Chicago Indecor, Chicago L. B. Herbst Corp., Chicago	3 462 49 2 526 93 964 58 f.o.b. delivered
Seven Motorola model U43GGT-1100B mobile radio units One model J53AAB-3A remote control base station One model TA 270M remote control console Less trade-in allowance for six mobile units and one Model FSTU-50 base station	Physical Plant	Motorola Communications & Electronics, Inc., Chicago	4 206 20 f.o.b. Urbana

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
26 automobiles and trucks to replace those in present fleet, except one station wagon to be added:	Physical Plant	Sullivan Chevrolet Co.,	
17 four-door sedans	Storeroom	Champaign	
5 four-door station wagons	Division of	13 sedans	\$10 276 25
1 suburban carryall	Services for	4 station wagons	5 655 71
2 trucks, one ton	Crippled	1 suburban carryall	1 607 28
1 truck, one and one-half ton	Children	Rantoul Motor Sales,	
	Housing Division	Rantoul	
	Animal Science	4 sedans	4 516 15
	Extension	Courtesy Motor Sales,	
	Service in	Inc., Chicago	
	Agriculture	1 station wagon	2 188 00
	and Home	Springer Motor Sales,	
	Economics	Rantoul	
		1 truck	1 113 19
		International Harvester	
		Co., Springfield	
		2 trucks	4 405 70
		Total	(29 762 28)
One spectrophotofluorometer, automatic scanning, range 200-800 millimicrons with accessories	Chemistry and	American Instrument Co.,	6 002 00
One recorder X-Y	Chemical	Silver Spring, Md.	f.o.b.
Four cells, 4 mm. diameter 40 mm. high with adapter (positioning)	Engineering		Silver Spring, Md.
One lot laboratory apparatus (a complete list, with descriptions, of the items included in this order was available at the Board meeting)	General	Rascher & Betzold, Inc.	11 433 25
	Chemical	Chicago	f.o.b.
	Stores		Urbana
2,000 copies of <i>The Study of Politics</i> , by Charles S. Hyneman, printed and bound	University Press	Vail Ballou Press, Inc.,	2 550 24
		Binghamton, N.Y.	f.o.b.
			Binghamton, N.Y.
One X-ray cine fluoroscopic unit for the Medical Research Laboratory	Animal Hospital,	Westinghouse Electric	
	Chicago	Corp., X-Ray Division,	
	Professional	Chicago	
	Colleges	Base bid	29 019 20
		Alternate	2 969 60
		Total, delivered and installed	(31 988 80)

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

COMPTROLLER'S REPORT OF CONTRACTS

(14) The Comptroller's report of contracts executed during the period November 1 to 30, 1958.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Girard Community Unit, District No. 3	School survey	\$ 1 400 00	October 23, 1958
United States Air Force AF 01(611)-568	Flight instruction	13 480 18	October 27, 1958
United States Air Force AF 19(604)-4940	Analysis of severe thunderstorms	6 000 00	October 15, 1958
United States Air Force AF 33(616)-6079	Antenna research	100 000 00	September 1, 1958
United States Air Force AF 49(638)-517	Construction of small functions with prescribed zeros	5 394 00	June 1, 1959
Virden Community Unit, District No. 4	School survey	1 400 00	October 24, 1958

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
Brillion Iron Works, Inc.	One SU12 twelve-foot silo unloader	\$ 100 00 annually	October 31, 1958
John Deere Plow Co.	One No. FB177B double disk zig-zag troll drill with attachments	92 75 annually	August 8, 1958
New Holland Machine Co.	One model 78-T PTO baler, one model 440 mower-crusher with attachments	355 95 annually	August 14, 1958
Marie Kuhlman	Garage rental, for use in housing the University car assigned to the Executive Dean of the Chicago Undergraduate Division	30 00 per month	November 1, 1958
Massey Ferguson, Inc.	One F35 standard tractor with double clutch and power steering	269 13 annually	July 1, 1958

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	Effect of milk protein to milk fat ratio on fat utilization	\$ 2 500 00	September 30, 1958
United States Army DA-11-022-ORD-1707	Exploration and application of turbulence theories	9 987 00	November 7, 1958
United States Army DA-11-022-507- ORD-2607	Effects of carbon additions on mechanical properties of low density-controlled porosity sintered iron	8 988 00	November 4, 1958
United States Navy Nonr-1834 (10)	Hydrodynamic phenomena involved in water-exit	11 000 00	September 15, 1958
United States Navy Nobs-65790(1718)	Propagation of fractures in metals	30 000 00	October 13, 1958

Adjustments Made in 1958-59 Cost-Plus Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Twelve items: \$25 to \$288	\$ 1 288 00	October and November, 1958

This report was received for record.

CARNEGIE CORPORATION GRANT

(15) The Carnegie Corporation of New York has made two grants of \$282,600 and \$307,400 to the University of Illinois for the continuation of the work in the development of new high school mathematics and elementary school arithmetic programs. In conveying to the officers of Carnegie Corporation the official appreciation of the Board of Trustees, I pointed out that the outcomes of these projects will be of nation-wide significance and that the financial support being given the studies is therefore more than a grant to one institution.

I have accepted this grant and report it for record.

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

**STATUS OF NEGOTIATIONS FOR CHICAGO UNDERGRADUATE
DIVISION SITE SELECTION**

Mr. Johnston, for the Committee on General Policy, submitted the following report.

By previous planning it had been anticipated that the matter of a final decision on the site for the Chicago Undergraduate Division would be presented to the Board of Trustees at its January meeting. However, since the second engineering report involving the rail terminal site will not be available in time for review, the matter will be postponed.

The Committee feels that because of the urgency of starting site development and construction and the absolute necessity that requests for appropriations be taken to the 1959 session of the Illinois General Assembly, a final decision on the site must be made not later than sixty days after the January meeting.

This report was received for record.

**SERVICES OF MR. VERNON L. NICKELL AS A SUPERINTENDENT
OF PUBLIC INSTRUCTION AND AS A MEMBER
OF THE BOARD OF TRUSTEES**

Mrs. Doris S. Holt presented the following resolution and moved its adoption.

To Vernon L. Nickell

The Board of Trustees of the University of Illinois takes occasion at today's meeting to express and record its grateful appreciation of your services as an *ex officio* member of this Board during the past sixteen years you have served as Superintendent of Public Instruction of Illinois.

It is unnecessary to recount all of your accomplishments. The list would be lengthy, but it should be noted that your entire professional career—your life's work—has been one of service to public education. In addition to assigned official tasks you have generously given time, energy, and your talents to many welfare and other civic undertakings, and to the activities of professional organizations related to your work in public education.

Your personal leadership as State Superintendent and the programs for the improvement of elementary and secondary education developed under your direction are of enduring benefit to the schools and youth of Illinois.

Your colleagues on the Board of Trustees of the University of Illinois are deeply appreciative of your services on this Board, your faithful attendance, wise counsel—and especially your strong support of public higher education.

The President and other administrative officers of the University and the officers of the Board desire to join the Trustees in this tribute and in extending best wishes to you and your family for the years to come.

The Board directs that this resolution be made a part of the official public record of today's meeting, and that a suitable copy be given you as a permanent reminder of this occasion.

Chicago, Illinois

The seventeenth day of December, in the year nineteen hundred and fifty-eight, and in the ninety-first year of the University.

This resolution was unanimously adopted.

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.)

ANAST, BASIL P., Instructor in Medicine (Medicine), 95/100 time, ten months from November 1, 1958, \$5090 a year, supersedes (11-21-58).

BULLOCK, JAMES W., Research Associate in the State Water Survey, November 22, 1958-June 30, 1959, \$600 a month (11-21-58).

CABRERA, JESUS, Assistant in Pathology (Medicine), one year from July 1, 1958, without salary (11-15-58).

COLEMAN, ROBERT V., Research Assistant Professor of Physics (C), November 24, 1958-August 31, 1959, \$7000 a year, supersedes (12-2-58).

CSALLANY, MRS. AGNES, Research Assistant in Animal Science (S), ten months from November 1, 1958, \$5280 a year, supersedes (11-25-58).

DAUM, DONALD, Instructor in Agricultural Engineering (S), eight months from January 1, 1959, \$6200 a year (12-2-58).

DOUGHERTY, NORRIS R., Assistant in Medicine (Medicine), nine months from October 1, 1958, without salary (11-15-58).

EDWARDS, ROBERT M., Clinical Instructor in Psychiatry (Medicine), ten months from November 1, 1958, without salary (12-2-58).

FOX, JACK M., Assistant in Dermatology (Medicine), ten months from November 1, 1958, without salary (11-18-58).

FUSON, REYNOLD C., Professor of Organic Chemistry (College of Liberal Arts and Sciences and Graduate College), indefinite tenure beginning September 1, 1958, to render service during each academic year, \$17,500 a year, supersedes (11-11-58).

GEBUHR, CARL A., Clinical Instructor in Medicine (Medicine), eleven months from October 1, 1958, without salary (12-2-58).

GRUNAU, JOHN A., Research Associate in Chemistry, November 10, 1958-August 31, 1959, \$5370 a year (11-25-58).

HWANG, KAO, Clinical Assistant Professor of Clinical Science (Medicine), one year from September 1, 1958, without salary, supersedes (11-25-58).

KRIEGER, MURRAY, Professor of English, indefinite tenure beginning September 1, 1959, to render service during each academic year, \$13,500 a year (11-18-58).

KRIEGER, NORMAN N., Clinical Assistant in Medicine (Medicine), ten months from November 1, 1958, without salary (11-15-58).

LEE, DONALD A., Research Assistant in the Control Systems Laboratory (S), nine months from December 1, 1958, \$6200 a year, supersedes (11-21-58).

MASON, RALPH, Assistant Professor of Business Education, 37 5/100 time to render service during the second semester of the academic year, and on 37 5/100 time on "Y" basis, for six months from March 1, 1959, \$536.08 a month, supersedes (11-4-58).

- MEAR, THOMAS H., Instructor in Crowns and Fixed Partial Dentures (Dentistry), $\frac{1}{2}$ time, ten months from November 1, 1958, \$3000 a year (11-12-58).
- MILLER, ELMO E., Research Associate in Psychology, October 27, 1958-August 31, 1959, \$7500 a year, supersedes (11-6-58).
- MINNICK, MRS. SUE, Assistant Psychometrist in the Student Counseling Service (Chicago Undergraduate Division), $\frac{3}{5}$ time, nine months from December 1, 1958, \$2880 a year, supersedes (12-2-58).
- MOLBO, DORIS M., Assistant in the School of Nursing, ten months from November 1, 1958, \$4800 a year (11-15-58).
- NILES, JANE K., Instructor in the School of Nursing, nine months from December 1, 1958, \$6000 a year (12-2-58).
- PERTSCHONOK, DANIEL, Clinical Instructor in Psychology, Department of Psychiatry (Medicine), ten months from November 1, 1958, without salary (11-15-58).
- RAMA RAO, P. B., Research Associate in Animal Science (S), nine months from December 1, 1958, \$5500 a year (12-1-58).
- RIEMANN, HANS P. S., Research Assistant in Food Technology (S), five months from April 1, 1959, \$458.33 a month (11-25-58).
- SCHWARZ, MARVIN, Assistant in Psychiatry (Medicine), one year from September 1, 1958, without salary (11-15-58).
- SHAFFER, PAUL R., Professor of Geology, one month from July 1, 1959, \$1110; this is in addition to his present appointment (11-21-58).
- SLODKI, SHELDON J., Clinical Assistant in Medicine (Medicine), ten months from November 1, 1958, without salary (12-2-58).
- SMITH, ARLENE J., Clinical Assistant in Psychiatry (Medicine), one year from July 1, 1958, without salary (12-2-58).
- TUCKWOOD, DWIGHT O., Book Stacks Librarian, with the rank of Instructor, eight months from January 1, 1959, \$6300 a year, supersedes (11-21-58).
- WEINBERG, MARILYN G., Assistant in Medicine (Medicine), November 3, 1958-August 31, 1959, \$4800 a year (11-18-58).
- WHITEHORN, WILLIAM V., Professor of Physiology (Medicine), indefinite tenure beginning December 1, 1958, \$14,545 a year, supersedes (12-2-58).

GRADUATE FELLOWS

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

- ASCHNER, MARY J., Ford Foundation Postdoctoral Fellow in the Institute for Research on Exceptional Children, ten months from November 1, 1958, \$416.66 a month (11-12-58).
- BASS, NOEL, United States Public Health Service Medical Student Part-time Research Fellow (Trainee) in the Chicago Professional Colleges, nine months from September 16, 1958, \$600 (11-20-58).
- BUMZAHAM, CARLOS, United States Public Health Service Medical Student Part-time Research Fellow (Trainee) in the Chicago Professional Colleges, nine months from September 16, 1958, \$600 (11-20-58).
- CARLSON, DONALD O., United States Public Health Service Fellow (Trainee) in Dentistry (Chicago Professional Colleges), eight months from November 1, 1958, \$2250 (11-7-58).
- COOMBS, ALAYNE, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), eight months from November 1, 1958, \$60 a month (11-13-58).
- CREATH, JAMES, United States Public Health Service Medical Student Part-time Research Fellow (Trainee) in the Chicago Professional Colleges, nine months from September 16, 1958, \$600 (11-20-58).
- FISHMAN, MARVIN, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), eight months from November 1, 1958, \$60 a month (11-6-58).
- KEER, LARRY, United States Public Health Service Medical Student Part-time Research Fellow (Trainee) in the Chicago Professional Colleges, nine months from September 16, 1958, \$600 (11-20-58).
- OLSON, JAMES C., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), October 27, 1958-June 30, 1959, \$60 a month (11-6-58).

- POWERS, RICHARD J., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), eight months from November 1, 1958, \$60 a month (11-13-58).
- ROTHSTEIN, DAVID, United States Public Health Service Medical Student Part-time Research Fellow (Trainee) in the Chicago Professional Colleges, nine months from September 16, 1958, \$600 (11-20-58).
- SACKETT, DAVID, United States Public Health Service Medical Student Part-time Research Fellow (Trainee) in the Chicago Professional Colleges, nine months from September 16, 1958, \$600 (11-20-58).
- TAYLOR, DAVID, United States Public Health Service Medical Student Part-time Research Fellow (Trainee) in the Chicago Professional Colleges, nine months from September 16, 1958, \$600 (11-20-58).
- WILSON, MRS. MYRIAM, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), eight months from November 1, 1958, \$60 a month (11-6-58).

RESIGNATIONS

- BREEN, JOHN D., Registered Pharmacist in Hospital Pharmacy (Pharmacy) — resignation effective December 1, 1958.
- FARRINGTON, CARL C., Research Assistant in the Digital Computer Laboratory — resignation effective November 15, 1958.
- GOODMAN, MRS. IONE T., Research Assistant in Preventive Medicine (Medicine) — resignation effective November 22, 1958.
- HAERTLE, ROBERT J., Lois Wells Irwin Fellow in Library Science — resignation effective November 1, 1958.
- KEENAN, BOYD R., Charles E. Merriam Fellow in Political Science — resignation effective November 1, 1958.
- LOE, HARALD, Research Associate in Oral Pathology (Dentistry) — resignation effective December 31, 1958.
- MOCK, HARRY E., JR., Clinical Instructor in Surgery (Medicine) — resignation effective November 1, 1958.
- SEKIGUCHI, T., Research Assistant Professor of Electrical Engineering — resignation effective February 1, 1959.
- WALL, JOHN A., Assistant in the Institute of Aviation — resignation effective November 1, 1958.

LEAVE OF ABSENCE

- KARPINSKI, R. W., Associate Professor of Physical Science (Chicago Undergraduate Division) — sabbatical leave of absence on one-half pay for the second semester of 1958-59, this being a continuation of leave of absence on one-half pay granted him for the full academic year beginning September 1, 1954, which was changed to a sabbatical leave on one-half pay for the first semester and to leave without pay for the second semester of 1954-55.

JANUARY, 1959, MEETING

President Livingston called attention to the action of the Board of Trustees at its meeting on November 19, 1958, voting to hold the January meeting in Urbana, Illinois, on Tuesday, January 20, 1959, and asked if the Board decided to change this schedule.

On motion of Mr. Williamson, the Board voted to hold this meeting in Chicago, on the same date.

On motion of Mr. Hughes, the Board adjourned.

Following adjournment, the members of the Board and others in attendance at the meeting were guests of the officers of the First National Bank of Chicago at luncheon.

A. J. JANATA
Secretary

PARK LIVINGSTON
President

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

January 20, 1959



The January meeting of the Board of Trustees of the University of Illinois was held in the LaSalle Hotel, Chicago, Illinois, on Tuesday, January 20, 1959, beginning at 11:30 a.m.

The following members of the Board were present: Mrs. Doris S. Holt, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Park Livingston, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. George T. Wilkins, Mr. Kenney E. Williamson. Mr. Cushman B. Bissell, Mr. Wirt Herrick, and Governor William G. Stratton were absent.

Also present were President David D. Henry, Vice-President and Provost Gordon N. Ray, Dr. H. E. Longenecker, 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 Department, Mr. C. E. Flynn, Director of Public Information, Mr. William H. Rice, Administrative Assistant in the President's Office; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary. Mr. Howard W. Clement, Mr. Richard A. Harewood, and Mr. Harold Pogue, Trustees-elect, and Dr. Lyle H. Lanier, Dean of the College of Liberal Arts and Sciences, also attended the meeting as guests of the Board.

Preceding its meeting the Board had luncheon during which President Park Livingston introduced the new Trustee, Mr. George T. Wilkins, and the three Trustees-elect who will take office on March 10, 1959. At the conclusion of the luncheon President Henry presented Dr. Lyle H. Lanier, the new Dean of the College of Liberal Arts and Sciences, who spoke briefly on the state of the College.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of the Board of Trustees on July 29, 1958, press proof copies of which have previously been sent to the Board.

On motion of Mrs. Watkins, these minutes were approved as printed on pages 1 to 76, 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.

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. FRANKLIN S. ALCORN, Assistant Professor of Radiology, beginning January 1, 1959, without salary (DY).
2. JOHN L. CHILDS, Visiting Professor of Education, for four and one-half months from February 1, 1959, at a salary of \$5,000 (E).
3. RUDOLF HAAG, Professor of Physics, for four and one-half months from February 1, 1960, at a salary of \$6,250 (E).
4. JOSEPH M. HEIKOFF, Associate Professor of Regional Planning, in the Bureau of Community Planning, beginning January 1, 1959, at an annual salary of \$12,000 (AY).

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

LEAVE OF ABSENCE FOR DR. HUBERT R. CATCHPOLE

(2) Dr. Hubert R. Catchpole, Research Associate Professor of Pathology in the College of Medicine, has requested a leave of absence, on full pay, for six months beginning March 1, 1959, so that he may take advantage of an opportunity to do research with Dr. N. Eeg-Larson in his laboratory at the State Dental School in Oslo, Norway. The opportunity for this research did not develop until recently, so that Dr. Catchpole was unable to submit his application for leave last year at the time sabbatical leaves for the academic year 1958-59 were under consideration. To postpone this program until next year would impose a personal hardship and would be unadvisable professionally. Dr. Catchpole has been a member of the faculty since 1946 and has had no previous sabbatical leave.

Because of the unusual circumstances, all recommending officers concerned support the application on its merits and recommend that the technical question of lateness be waived and that the leave be approved.

I concur.

On motion of Mrs. Watkins, this leave was granted.

**CHANGES IN BASIC KNOWLEDGE AND ADMISSION REQUIREMENTS
IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES**

(3) The Urbana Senate recommends the following changes in the basic knowledge required for admission to the College of Liberal Arts and Sciences, effective September 1, 1961:

1. Dropping of the requirement that students who enter the general curriculum in liberal arts and sciences as freshmen (or who enter other schools and subsequently transfer to the College) and who lack one unit of American history in high school must take History 151, History of the United States to 1865, and History 152, History of the United States from 1865 to the Present.
2. Altering of the provision that now requires entering students who lack two units of high school credit in mathematics (one unit in algebra and one unit in plane geometry) to take Mathematics 101 and 102, Basic Mathematics, to a non-waiver requirement for admission to the College of two years of college preparatory mathematics consisting of one unit in algebra and one unit in plane geometry, or at least their equivalent, as determined by the Department of Mathematics.

The Senate Coordinating Council has also approved these changes.
I concur.

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

REVISIONS IN THE PHYSICS CURRICULUM IN LIBERAL ARTS AND SCIENCES

(4) The Urbana Senate and the Senate Coordinating Council recommend the following changes in the physics curriculum of the College of Liberal Arts and Sciences. These changes are designed to drop the former two-hour course in hygiene, reduce the minimum hours required for graduation from 126 to 124, and rearrange the work in the curriculum in a way to produce a more evenly balanced load.

Freshman year: Second semester, replace Mathematics 133 (three semester hours) with Mathematics 132 (five semester hours), both being first courses in calculus; discontinue Hygiene 101, Health Lectures (two semester hours).

Sophomore year: First semester, replace Mathematics 143 (five semester hours) with Mathematics 142 (three semester hours), both being second courses in calculus.

Junior year: First semester, replace eight semester hours of electives with four semester hours of electives.

Senior year: First semester, replace seven semester hours of electives with ten semester hours of electives.

Senior year: Second semester, replace ten semester hours of electives with eleven semester hours of electives.

I concur.

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

REVISIONS IN THE FLORICULTURE CURRICULUM

(5) The Urbana Senate and the Senate Coordinating Council recommend adoption of a revised curriculum in floriculture which includes changing the name of the division and of the degree offered from "Floriculture" and "Bachelor of Science in Floriculture" to "Floriculture and Ornamental Horticulture" and "Bachelor of Science in Floriculture and Ornamental Horticulture" respectively, and increasing the number of hours required for graduation from 126 to 130 exclusive of the two years of required physical education.

Most of the changes recommended are minor ones and the details are given in the attached report of the Committee on Educational Policy of the Urbana Senate, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mrs. Holt, this recommendation was approved.

WAGE RATES OF LABORATORY MECHANICS

(6) The Board of Trustees at its meeting on September 30, 1958, approved a procedure for the determination of wage rates for laboratory mechanics. The Director of Nonacademic Personnel reports that the procedure authorized has been followed and as a result the laboratory mechanics' group has been awarded an across-the-board adjustment of \$10.00 a month, effective July 1, 1958.

On motion of Mr. Swain, this award was confirmed.

REVISION OF PROGRAM FOR CONSTRUCTION OF HOUSING

(7) A comprehensive program for the construction of student and staff housing at Urbana-Champaign during the period of 1957-63 was recommended to and approved by the Board of Trustees on January 28, 1956.

In presenting this program the President stated that it would be subject to reappraisal and to revision in the light of such factors as new construction of private housing available and acceptable to students and staff in the local community and changes in enrollment projections which would affect the University's housing needs. A number of changes were recommended to and approved by the Committee on Buildings and Grounds at its meeting on December 17, 1958.

It is recommended that the Board authorize the President and the administrative staff to make future revisions as needed in the light of possible changing conditions, with the understanding that all such revisions will be submitted to the Committee on Buildings and Grounds for approval.

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

SUBCONTRACT WITH THE KENTUCKY RESEARCH FOUNDATION

(8) The University, under a cooperative arrangement with the Illinois State Water Survey, has entered into an agreement with the Army Signal Corps for a study of the measurement of intensity of surface precipitation by radar returns. It is desirable to gather data from various geographic locations. Thus far, data have been secured from the states of Florida and Oregon by entering into subcontracts with the Universities of Florida and Oregon.

It is now necessary to get data in Indonesia. The Kentucky Research Foundation has highly qualified personnel located in Indonesia who are willing to gather the necessary data and to make them available to the University. A subcontract with the Kentucky Research Foundation providing for these services at a cost of \$3,105 for the calendar year 1959 is proposed. This proposed subcontract has been approved by the Army Signal Corps, and payments thereunder will be from contract funds. The Vice-President and Comptroller recommends approval.

I concur.

On motion of Mrs. Holt, this subcontract was authorized.

UNIVERSITY OF ILLINOIS LEGISLATION

(9) It is recommended that the Board of Trustees authorize the President and other University officials to secure the introduction in the Seventy-first General Assembly of Illinois of bills for the following legislation, and to support their enactment:

1. Appropriation bills for the University's operating budget for 1959-61, the budget for the Institution for Tuberculosis Research, and the University's capital appropriations for 1959-61.
2. Legislation to increase the University's working cash fund from \$300,000 to \$500,000 as recommended by the auditors.
3. Legislation to give University police the same police powers as regularly constituted police officers, with authority to make arrests, to carry arms, and to perform other functions of peace and police officers while on duty and on or near University property.
4. Amendment of the law concerning compensation for services to bring it into conformity with necessary practices relating to retroactive salary adjustments, if in the opinion of the Legal Counsel, such amendments are desirable.
5. Amendments of the Act creating the University Retirement System of Illinois. It is the responsibility of the Board of Trustees of the University Retirement System of Illinois to secure the enactment of this legislation, but the University should support these measures to include:
 - a. More adequate provisions for survivors of participants in the System.
 - b. Increasing the present maximum of retiring allowances from \$4,500 to \$7,200 a year immediately, and eliminating the maximum completely in five years; and increasing the percentage maximum from 60 per cent to 70 per cent of final rate of earnings.
 - c. Correction of existing inequities, simplification of administration, and clarification of the intent of the present Act.
6. Amendments of the Act creating the University Retirement System, which the Board of Trustees of the Retirement System will support, but which should be sponsored by the University:
 - a. To include employees of the University of Illinois Foundation and the University of Illinois Alumni Association as participants with the employers' contributions paid by the Foundation and Association.
 - b. To authorize the Retirement Board to administer a program of hospital

and medical benefits, if funds for the program are appropriated by the Seventy-first General Assembly.

I concur.

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

APPROPRIATION FOR LEGAL SERVICES

(10) The Legal Counsel and the Vice-President and Comptroller recommend an appropriation of \$13,600 to the Legal Counsel's Office for employment of special counsel as required and approved by the Board of Trustees, and authorization of payments for such legal services as approved by the President of the University.

I concur.

On motion of Mr. Johnston, this appropriation was made, and authority was given as requested, by the following vote: Aye, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Bissell, Mr. Herrick, Mr. Stratton.

RECOMMENDATIONS OF THE GEORGE A. MILLER ENDOWMENT COMMITTEE

(11) The George A. Miller Endowment Committee submits the following recommendation and report of its action:

Undergraduate Scholarships

At its meeting on January 16, 1957, the Board of Trustees approved a recommendation from the Committee on the George A. Miller Endowment that funds for undergraduate scholarships be assigned as specifically approved annually by the Board of Trustees. Accordingly, the Committee requests an assignment of \$5,100 for the undergraduate scholarship program for the academic year 1958-59.

I recommend approval.

Graduate Fellowships

The Committee has authorized the Graduate College to use the \$3,600 (provided by the Miller Committee and approved by the Board of Trustees on December 17, 1957, for two graduate fellowships of \$1,800 each) together with an additional assignment of \$400 to increase the stipends of eight University graduate fellowships from \$1,500 to \$2,000. The eight fellowships will be called George A. Miller Fellowships and will be awarded to students in the non-scientific areas. This assignment is for the academic year, 1959-60, only.

Confirmation of this action is requested.

On motion of Mr. Williamson, these assignments were approved by the following vote: Aye, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Bissell, Mr. Herrick, Mr. Stratton.

WOODROW WILSON FELLOWSHIP PROGRAM

(12) The Woodrow Wilson National Fellowship Foundation of Princeton, New Jersey, has made a grant of \$30,000 to the University of Illinois. This is a subvention for the Graduate College representing \$2,000 for each of the fifteen Woodrow Wilson Fellows now enrolled at the University, and is apart from the stipends they are receiving during the current academic year, 1958-59. Three-fourths of the \$2,000 is to be used "for assisting beyond their first year of graduate work any students genuinely interested in a teaching career, whether or not they earlier received Woodrow Wilson Fellowships," and the other one-fourth is "to be available at the discretion of the institution, for strengthening its graduate program." This fellowship program is financed by the Ford Foundation.

I have accepted the grant for the University and report this for record.

This report was received for record.

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 bid.

I concur.

Item	Department	Vendor	Cost
One lot laboratory apparatus and equipment	General Chemical Stores	Schaar & Co., Chicago	\$12 056 39 f.o.b. delivered
Two-way mobile radio equipment consisting of two base stations with antennas, two mobile stations, one carter rotary converter, one portable radio unit, one set of accessories for installation	Electrical Engineering	General Electric Co., St. Louis, Mo.	3 570 00 f.o.b. delivered
One Richardson type R-4001 projection plate (camera) 16 mm. to 70 mm. variable speeds up to 24 frames per second with	Electrical Engineering	Richardson Camera Co., Inc., Burbank, Calif.	3 800 00 f.o.b. Burbank, Calif.
One type T-400 film transport mechanism and 35 mm. lens			
One high-speed analog-to-digital converter	Electrical Engineering	Epsco, Inc., Boston, Mass.	5 800 00 f.o.b. Boston, Mass.
One eight-channel digital magnetic tape recorder with tape speeds of 75, 37½, 9, and 4 in. per second	Electrical Engineering	Ampex Corp., Villa Park	9 090 00 f.o.b. Redwood City, Calif.
Library furniture for Biology Building 18 tables 90 chairs 12 stools 7 card cabinets 1 atlas case 1 exhibit case 6 book trucks 1 charging desk 1 dictionary stand 1 book display holder 84 ft. of book shelving	Library	Blackwell Wielandy Co., St. Louis, Mo.	14 911 04 f.o.b. delivered and installed
One two-channel DC amplifier and one four-channel ink-writing oscillograph	Otolaryngology	Brush Instrument Co., c/o Hugh Marsland & Co., Chicago	2 715 00 f.o.b. Cleveland, Ohio
One infrared spectrophotometer and accessories	Pharmacy & Chemistry, Chicago Professional Colleges	Beckman Instruments, Inc., Chicago	17 788 50 f.o.b. Fullerton, Calif.
One grand piano, Style B, Steinway, ebony finish, less trade-in for one Conover grand piano	School of Music	Lyon & Healy, Inc., Chicago	3 318 50 f.o.b. Urbana
One harpsichord	School of Music	Hubbard & Dowd, Inc., Waltham, Mass.	3 650 00 f.o.b. Waltham, Mass.
Eight issues of the <i>Illinois Journal of Mathematics</i> to be printed and bound	Mathematics	Waverly Press, Inc., Baltimore, Md.	24 000 00 f.o.b. Baltimore, Md.
1,500 copies <i>The Mother-Child Interaction in Psychosomatic Disorders</i> , by Ann M. Garner and Charles Wenar, to be printed and bound	University Press	Pantagraph Printing & Stationery Co., Bloomington	3 235 00 f.o.b. delivered
25,000 copies second semester Time Tables to be printed and bound	University Press	The Interstate Printers & Publishers, Inc., Danville	5 613 45 f.o.b. delivered
300 reams 25 x 38 60-lb. white No. 1 English finish book paper	Office Supply Stores	Dwight Bros. Paper Co., Chicago	2 707 74 f.o.b. delivered
65,400 reams 16 lb. substance white No. 4 sulphite mimeograph bond paper. (This is an estimated annual requirement for Urbana and Chicago and is to be shipped in approximately four equal shipments, March, June, and November, 1959, and February, 1960.)	Office Supply Stores	Bradner Smith & Co., Chicago	38 492 00 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One multiple head paper drill with accessories, less trade-in allowance for a Challenge drill, serial No. 2065	Print Shop	Nygren-Dahly Co., Chicago	\$2 976 40 f.o.b. delivered
100 cases toilet tissue	Physical Plant	Westervelt Paper Co., Decatur	2 827 30 f.o.b. delivered
100 cases paper hand towels			3 866 00 f.o.b. delivered and installed
Furnish and install new plunger, complete with nipples, packing, top and bottom plugs, on Otis elevator at Agronomy Seed House	Physical Plant	Otis Elevator Co., Springfield	4 775 89 f.o.b. Urbana
44,676 pounds steel pipe, black and galvanized, in various sizes from ¾ in. to 4 in.	Physical Plant	Macon Supply Co., Decatur	

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

COMPTROLLER'S REPORT OF CONTRACTS

(14) The Comptroller's report of contracts executed during the period December 1 to 31, 1958.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
American Food Laboratories, Inc.	Liquid stabilizers in high temperature processing of ice cream mixes	\$ 3 000 00	December 3, 1958
City of Mattoon	Recreation survey of Mattoon, Illinois	499 50	November 4, 1958
Glenco Motors, Inc.	Soliciting limousine and taxicab passengers within the airport terminal area	275 00 a month (January 1, 1959-December 31, 1961)	December 18, 1958
Illinois Liquid Fertilizer Association	Comparison in field trials of liquid and dry fertilizers	1 500 00	June 1, 1958
United States Army DA-11-022-ORD-2943	Radiometric missile tracking for lunar probe	6 029 00	November 26, 1958
United States Army DA-22-079-ENG-240	Dynamic bearing capacity of soils	36 790 00	October 15, 1958
United States Department of Agriculture 12-14-100-2619(74)	Changes that occur in spores of bacillus thermoacidurans when subjected to severe heat	19 434 00	November 26, 1958
United States Department of Health, Education, and Welfare, Office of Education	Surveys and demonstrations in the field of education	35 850 00	December 1, 1958
United States Navy Nop-906	Educational instruction and other required services	557 50	November 26, 1958
United States Steel Corp.	Segregation of materials in bulk-blended fertilizers and variability in field application	15 000 00	December 1, 1958
Wauconda Community Consolidated Grade School, District No. 86	School building survey	1 000 00	November 18, 1958
Wauconda Township High School, District No. 118	School building survey	1 000 00	November 18, 1958

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
Badger Northland, Inc.	One twelve-inch silo unloader	\$ 100 00 annually	November 19, 1958
Starline, Inc.	One No. 29 twelve-inch silo unloader with attachments	100 00 annually	November 18, 1958

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Battle Creek Equipment Co.	Dynamic exercisers for conditioning purposes	\$ 1 200 00	November 20, 1958
Corn Products Refining Co.	Carbohydrates and unidentified growth factors for the baby pig	1 500 00	October 1, 1958

<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)-3789	Alloying of the transition metals	\$38 090 00	October 20, 1958
United States Army DA-49-007-MD-544	Nutritive value of major nutrients of irradiated food	30 000 00	October 31, 1958
United States Army DA-49-129-ENG-393	Multiple-panel reinforced concrete floor for buildings	10 000 00	November 5, 1958
United States Atomic Energy Commission AT(11-1)67 Project No. 2	Nutritional biochemistry on the metabolism of vitamins and amino acids	10 000 00	December 3, 1958
United States Atomic Energy Commission AT(11-1)-67 Project No. 3	Mechanism of substitutional diffusion in metals	49 456 00	October 1, 1958
United States Atomic Energy Commission AT(11-1)67 Project No. 12	Metabolism of amino acids labeled with radioactive carbon	5 500 00	October 1, 1958
United States Navy Nonr-1834(02)	Development of radio wave direction-finding techniques	50 000 00	November 4, 1958
United States Navy Nonr-1834(24)	Action of chemotherapeutic agents	49 479 00	October 29, 1958
Upjohn Co.	New antibiotics	6 000 00	August 27, 1958

Adjustments Made in 1958-59 Cost-Plus Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Thirty-five items: \$262.04 deduct to \$600.00	\$ 2 639 58	November and December, 1958

This report was received for record.

COLLEGE OF NURSING

(15) The Vice-President in charge of the Chicago Professional Colleges recommends that the name of the School of Nursing be changed to the College of Nursing.

In 1952 the Senate Committee on Educational Policy made a comprehensive report to the President of the University on nursing education at the University of Illinois and a number of recommendations, including a four-year curriculum leading to the degree of Bachelor of Science in Nursing and the change in name. The Senate and Board approved the curriculum which began September, 1953. Action on the change in name has been withheld pending development of the educational program. In the meantime, the curriculum has been accredited by the National League for Nursing's Collegiate Board of Review.

I recommend approval of the change in name. With this change all degree-granting units of the University will be named colleges.

On motion of Mrs. Watkins, this recommendation was approved.

UNIVERSITY PROGRAM FOR SUPERIOR STUDENTS

(16) Following the recommendations of a Committee on Programs for Superior Students appointed by the Vice-President and Provost, the Urbana Senate on December 8, 1958, adopted the following program:

1. That the Urbana Senate approve the principle of special curricular arrangements for superior undergraduate students, designed to match their capacity to learn more quickly than the average and to handle studies of greater difficulty and maturity.
2. That the President appoint a University Director of Honors Programs, whose duty it shall be to encourage the establishment of special programs for superior students at all levels of the several undergraduate curricula, and to superintend the selection and retention of students in the group to be admitted to these programs.
3. That the President appoint a Faculty Honors Council to work with the Director of Honors Programs.
4. That beginning with the freshman class entering in September, 1959, or at such later date as he may fix if that seems necessary and desirable, the Director of Honors Programs shall, in advance of registration, select a

group of superior students to consist of about 3 to 5 per cent of the entering class, on the basis of such information as may be available concerning scholastic aptitude and accomplishment. Sources of information might be:

- a. Examination of high school transcripts for evidence of substantial academic training.
- b. Performance on available tests taken in high school (for example, National Merit Scholarships, College Entrance Examination Board tests).
- c. Over-all standing in the high school class.
- d. Recommendations from the high school principal and teachers.
- e. Personal interview.
5. That the members of this group be known as Edmund J. James Scholars.
6. That as far as possible, James Scholars shall be taught in special courses or sections designed to exercise to the full their academic capabilities.
7. That the inclusion of sophomores in the group of James Scholars begin in the second year, of juniors in the third year, and of seniors in the fourth year after the program is established.
8. That the Director and Council be authorized to drop students from the group or add students to it at the beginning of any semester.
9. That it be understood that the several colleges retain the right to formulate criteria for the granting of college honors and departmental distinction at graduation.
10. That the Director and Council be encouraged to formulate and propose measures for improving the University's educational program for superior students, for stimulating such students to their best efforts, and encouraging them by providing physical facilities conducive to study.
11. That the Director be authorized to publicize the University's plans for superior students.

The Chicago Professional Colleges and the Chicago Undergraduate Division will participate in this program with whatever modifications may be recommended by their Senates to meet the special problems existing on those campuses.

I recommend approval of this program.

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

APPOINTMENTS OF DIRECTOR AND ASSOCIATE DIRECTOR OF UNIVERSITY HONORS PROGRAMS AND OF ASSOCIATE DEAN OF THE COLLEGE OF LIBERAL ARTS AND SCIENCES

(17) The Committee on Programs for Superior Students and the Vice-President and Provost recommend the appointment as of February 1, 1959, of Professor R. E. Johnson, Head of the Department of Physiology, as Director of University Honors Programs, and of Dr. Jum C. Nunnally, Jr., Assistant Professor of Psychology, as Associate Director of Honors Programs. These appointments are to be effective until August 31, 1959, and may be renewed from year to year.

Dean Lyle H. Lanier of the College of Liberal Arts and Sciences recommends the appointment of Dr. J. C. Nunnally, Jr. as Associate Dean of the College effective September 1, 1959. His work as Associate Dean will be closely related to the honors program.

I recommend approval of these appointments and request authorization to approve such adjustments in the salaries of these men as are appropriate for the additional responsibilities they will assume. When the formal appointments have been processed, they will be included in the Secretary's report to the Board of appointments approved by the President of the University.

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

AWARD OF CONTRACT FOR ABBOTT POWER PLANT ADDITION

(18) The Director of the Physical Plant and the Vice-President and Comptroller recommend the award of a contract for \$26,159 to Gallaher and Speck, Chicago, for water-softening equipment and dust elimination equipment for the addition to Abbott Power Plant.

Funds are available in the special state appropriation for this addition.

I concur.

The Secretary presented a letter, dated January 16, 1959, addressed to the Board of Trustees from the Ideal Heating Company, Chicago,

requesting that the contract be awarded to that Company on the ground that it submitted the lowest bid.

Director C. S. Havens reported that this Company's bid was incomplete, did not comply with all of the bidding specifications and instructions, and that in the opinion of his staff, the deficiencies were sufficiently material that they should not be waived in fairness to other contractors who submitted complete bids.

Mr. Williamson stated that this matter had previously been submitted to the Committee on Buildings and Grounds, and that the Committee was prepared to support the recommendation.

On motion of Mr. Williamson, the contract was awarded to Gallaher and Speck, as recommended.

CHARGES FOR CENTRAL FOOD STORES BUILDING AND SNACK BAR AND SERVICE BUILDING

The Comptroller and the Secretary of the Board presented the following resolution recommended for adoption by bond counsel in connection with the issuance of "The Board of Trustees of the University of Illinois Housing Revenue Bonds."

Resolution

Resolved that the rates and charges to be made for services of the Central Food Stores Building and the Snack Bar and Service Building, constituting a portion of Project No. Ill. 11-CH-45(S), shall be in such amounts as shall from time to time be established by the administrative officials of the University but not less than an amount which will produce the estimated revenues for said facilities set forth in the official Bond Statement of the University relating to the Housing Revenue Bonds of 1958.

On motion of Mr. Swain, this resolution was adopted by the following vote: Aye, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Bissell, Mr. Herrick, Mr. Stratton.

FEBRUARY AND MARCH MEETINGS

President Livingston reminded the Board that it had previously voted to hold its February meeting in Chicago, on Thursday, February 19, 1959, and that the annual meeting is scheduled to be held in Urbana, on Tuesday, March 10, 1959, unless changed by the Board.

He stated that some of the Trustees have informed him that they can not attend a meeting on March 10, and he asked if the Board desired to take any action regarding the matter. The three Trustees-elect, who will take office on March 10, and who were present as guests of the Board, were consulted and stated that they would be willing to have the meeting postponed to a later date.

On motion of Mrs. Watkins, the Board voted to change the date of its 1959 annual meeting from March 10 to March 12, said meeting to be held in Urbana.

AUDIT OF UNIVERSITY ACCOUNTS

The Secretary reported that he received and distributed to all members of the Board of Trustees signed copies of the report from Ernst and Ernst, Chicago, of their audit of the University of Illinois accounts for the year ended June 30, 1958. A copy has been retained in the files of the Secretary.

A signed copy of this report has also been sent by Ernst and Ernst to the Auditor General.

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.)

BILLINGER, WILBERT, Registered Pharmacist in Hospital Pharmacy (Research and Educational Hospitals), nine months from December 1, 1958, \$5600 a year, supersedes (12-9-58).

BLUCHER, WALTER H., Visiting Professor of City Planning, February 1-June 15, 1959, to render service during the second semester of the academic year, \$5000 (12-18-58).

BREEN, JOHN D., Registered Pharmacist in Hospital Pharmacy (Illinois Eye and Ear Infirmary), nine months from December 1, 1958, \$5600 a year (12-9-58).

BROWN, DAVID V. L., Clinical Instructor in Ophthalmology (Medicine), November 25, 1958-August 31, 1959, without salary (12-18-58).

COLVIN, JAMES C., Executive Secretary of the University of Illinois Foundation, 42/100 time, four months from September 1, 1958; Executive Director for six months from January 1, 1959, \$5840 a year, supersedes (12-8-58).

CULBERTSON, TOWNLEY P., Research Associate in Chemistry, November 16, 1958-August 31, 1959, \$5370 a year, supersedes (12-9-58).

DOUGHERTY, EDITH C., Research Assistant in Preventive Medicine (Medicine), November 4, 1958-August 31, 1959, \$5200 a year (12-9-58).

EISENBART, NANCY A., Registered Pharmacist in Hospital Pharmacy (Illinois Eye and Ear Infirmary Pharmacy), nine months from December 1, 1958, \$5600 a year, supersedes (12-9-58).

FAGO, CLIFFORD E., Research Assistant in Forestry (S), seven months from December 1, 1958, \$2800 (12-19-58).

FISHER, WALTER E., Research Associate in Civil Engineering (S), eight months from January 1, 1959, to render service during the academic year, \$6100 a year, supersedes (12-20-58).

FRIEDERICI, HARTMANN, Instructor in Pathology (Medicine), six months from January 1, 1959, \$5400 a year, supersedes (12-18-58).

GARBER, RALPH J., Professor of Plant Breeding (Agronomy) (College of Agriculture, assigned to India under provisions of Contract ICA-W-48), January 29-April 8, 1959, \$1000 a month (12-19-58).

GILLETTE, HOWARD E., Clinical Instructor in Oral and Maxillofacial Surgery (Dentistry) and in Surgery (Medicine), November 21, 1958-August 31, 1959, without salary (12-9-58).

HALL, BUFORD, Assistant Professor of Medicine (Medicine), eight months from January 1, 1959, without salary, supersedes (12-9-58).

KAHN, HERBERT, Research Associate in Clinical Science (Medicine), one year from September 1, 1958, without salary (12-9-58).

LEKAN, EUGENE C., Assistant in Oral and Maxillofacial Surgery (Dentistry), nine months from December 1, 1958, without salary (12-18-58).

MACGREGOR, JAMES G., Research Associate in Civil Engineering (S), February 1-June 15, 1959, \$522.22 a month, supersedes (12-30-58).

MOHAN, RAM N., Instructor in Veterinary Pathology and Hygiene (Veterinary Medicine) and in Veterinary Research (Agricultural Experiment Station), 3/4 time, seven months from February 1, 1959, \$4350 a year (12-3-58).

PARKS, JOE M., Research Associate in Chemistry, January 16-August 31, 1959, \$6800 a year (12-30-58).

ROGERS, BRUCE, Instructor in Theoretical and Applied Mechanics (C), 1/2 time, six months from February 1, 1959, to render service during the second semester of the academic year, \$208.33 a month, supersedes (12-20-58).

- ROSENSTEIN, HERBERT R., Instructor in Applied Materia Medica and Therapeutics (Dentistry), $\frac{1}{2}$ time, November 13, 1958-August 31, 1959, \$2600 a year (12-18-58).
- SCHOONOVER, WARREN R., Professor of Soils (Agronomy) (College of Agriculture, assigned to India under the provisions of Contract ICA-W-48), January 25-June 30, 1959, \$1250 a month (12-19-58).
- SKOLNIK, EMMANUEL M., Otolaryngologist in the Division of Services for Crippled Children, $\frac{2}{10}$ time, eight months, and Associate Professor of Otolaryngology (Medicine), $\frac{5}{10}$ time, indefinite tenure, January 1, 1959, \$6500 a year, supersedes (12-18-58).
- SNITMAN, MAURICE F., Clinical Associate Professor of Otolaryngology (Medicine), indefinite tenure beginning January 1, 1959, without salary, supersedes (12-18-58).
- SOBOROFF, BURTON J., Associate Professor of Otolaryngology (Medicine), $\frac{1}{2}$ time, indefinite tenure beginning January 1, 1959, \$4850 a year, supersedes (12-18-58).
- WEBSTER, GEORGE L., Professor of Chemistry (Pharmacy), indefinite tenure, and Dean of the College of Pharmacy, eight months, from January 1, 1959, \$16,000 a year, supersedes (12-9-58).
- WHITNEY, GREENE R., Research Assistant in Preventive Medicine (Medicine), six months from December 1, 1958, \$4800 a year (1-5-59).

GRADUATE FELLOWS

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

- AHRENKIEL, RICHARD K., Fellow in Physics, February 1-June 15, 1959, \$750 (12-15-58).
- BROCK, JARRETT E., Fellow in Philosophy, February 1-June 15, 1959, \$750 (12-15-58).
- CAREY, JAMES W., Fellow in Communications, February 1-June 15, 1959, \$750 (12-15-58).
- CLAFLIN, PATRICIA, Fellow in Mathematics, February 1-June 15, 1959, \$750 (12-15-58).
- DESAI, GAUTAM V., Fellow in Mechanical Engineering, February 1-June 15, 1959, \$750 (12-15-58).
- DOUGLAS, GEORGE H., Fellow in Philosophy, February 1-June 15, 1959, \$750 (12-15-58).
- FELDEN, ANN, Fellow in Physiology, February 1-June 15, 1959, \$750 (12-15-58).
- FULLER, RAMON C., Fellow in Music, February 1-June 15, 1959, \$750 (12-15-58).
- GATZ, CAROLE R., Fellow in Chemistry, February 1-June 15, 1959, \$750 (12-15-58).
- GULICK, JOSEPH, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), November 16, 1958-June 30, 1959, \$60 a month (12-12-58).
- HENSEL, RICHARD, Fellow in Music, February 1-June 15, 1959, \$750 (12-15-58).
- ISAACS, BILL J., Fellow in History, February 1-June 15, 1959, \$750 (12-15-58).
- JOICHI, JAMES T., Fellow in Mathematics, February 1-June 15, 1959, \$750 (12-15-58).
- JUN, SUNGJOOK, Fellow in Political Science, February 1-June 15, 1959, \$750 (12-15-58).
- KAHL, SUSAN J., Fellow in Education, February 1-June 15, 1959, \$750 (12-15-58).
- KANE, HARRISON, Fellow in Civil Engineering, February 1-June 15, 1959, \$750 (12-15-58).
- LARSON, JOHN G., Fellow in Chemistry, February 1-June 15, 1959, \$750 (12-15-58).
- MILLER, WILLIAM A., Fellow in the Chicago Professional Colleges, three months from January 1, 1959, \$666.66 (12-1-58).
- O'FLANAGAN, KATHLEEN A., Fellow in Sociology, February 1-June 15, 1959, \$750 (12-15-58).
- PAISLEY, NANCY S., Fellow in Chemistry, February 1-June 15, 1959, \$750 (12-15-58).
- PUGLIA, CHARLES R., Fellow in Zoology, February 1-June 15, 1959, \$750 (12-15-58).
- ROBERTSON, MARJORIE A., Fellow in Music, February 1-June 15, 1959, \$750 (12-15-58).

THOMPSON, DENNIS P., United States Public Health Service Medical Student Part-time Research Fellow (Trainee) (Chicago Professional Colleges), nine months from September 16, 1958, \$600 (12-8-58).

TOBIN, DON G., Fellow in Geology, February 1-June 15, 1959, \$750 (12-15-58).

WALLACE, WILLIAM H., Fellow in Economics, February 1-June 15, 1959, \$750 (12-15-58).

WENZ, DONALD A., Fellow in Chemistry, February 1-June 15, 1959, \$750 (12-15-58).

YAU, SIK-SANG, Fellow in Electrical Engineering, February 1-June 15, 1959, \$750 (12-15-58).

RESIGNATIONS AND DECLINATIONS

BUNCE, D. F. M., United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges) — resignation effective December 1, 1958.

CHEN, SHIH DZUNG, Assistant Professor of Home Economics — resignation effective January 27, 1959.

COOMBS, ALAYNE, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges) — resignation effective November 1, 1958.

DESHPANDE, MURLIDHAR V., Visiting Assistant Professor of Electrical Engineering — resignation effective February 1, 1959.

DREYER, LEROY L., Research Assistant in Electrical Engineering — resignation effective January 15, 1959.

ENDO, ROBERT M., Assistant Professor of Plant Pathology — resignation effective December 27, 1958.

FISCHER, JOHN L., Assistant in Chemistry (Pharmacy) — resignation effective January 1, 1959.

FRANKENFELD, ROBERT, United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges) — resignation effective January 1, 1959.

FREYER, WARREN R., Instructor in English (Chicago Undergraduate Division) — resignation effective March 1, 1959.

GRAHAM, HORACE D., Assistant in Food Technology — resignation effective January 1, 1959.

HENRY, BOYD A., Assistant in Agricultural Economics — resignation effective January 12, 1959.

HUISKAMP, W. J., Research Associate in Physics — resignation effective January 3, 1959.

JOICHI, JAMES T., Fellow in Mathematics — declination effective February 1, 1959.

KALLINTERIS, DEMETRIUS, Physician in the Health Service (Chicago Professional Colleges) — resignation effective January 1, 1959.

KUZMANIC, MRS. BETTY W., Instructor in Mathematics (Chicago Undergraduate Division) — resignation effective March 1, 1959.

LECHOWICH, RICHARD V., Assistant in Food Technology — resignation effective December 1, 1958.

LE MOINE, SHARON, Fellow in Chemistry — resignation effective February 1, 1959.

MATTESON, JOHN W., Research Associate in Agricultural Entomology — resignation effective January 1, 1959.

MCGREER, DONALD E., Fellow in Chemistry — resignation effective January 1, 1959.

MORTLOCK, ROBERT P., Research Assistant in Bacteriology — resignation effective December 27, 1958.

RADEKE, LOIS A., Fellow in English — resignation effective November 1, 1958.

SHUSTER, C. W., Research Associate in Chemistry — resignation effective December 6, 1958.

SUTOR, PEGGY M., Undergraduate Library Assistant, with rank of Instructor — resignation effective February 1, 1959.

TAGGART, DONALD L., Instructor in Animal Science — resignation effective December 19, 1958.

TICHELAAR, GERRIT W., Research Associate in Physics — resignation effective February 10, 1959.

TOBIN, DON G., Fellow in Geology — declination effective February 1, 1959.

YOKOYAMA, KATSUYUKI, Assistant Professor of Biological Sciences (Chicago Undergraduate Division) — resignation effective March 1, 1959.

LEAVES OF ABSENCE

- BRADEN, BETTY J., Henderson County Home Adviser — sick leave of absence with full pay extended for additional two months, through November 30, 1958; thereafter she will be on leave of absence, without pay, for an indefinite period.
- BURGER, AMBROSE W., Associate Professor of Agronomy (C and S) — leave of absence on account of illness, with full pay, for three months from November 4, 1958.
- BURNSTOCK, MRS. NOMI, Research Assistant in Animal Science (S) — leave of absence, without pay, from December 18, 1958, through January 7, 1959.
- DIETER, OTTO A., Associate Professor of Speech — sick leave of absence with full pay beginning November 24, 1958, and continuing through January 31, 1959.
- MEAGHER, RALPH E., Research Professor of Physics and of Electrical Engineering (C), and Head of the Digital Computer Laboratory (Graduate College) — leave of absence, without pay, for one year beginning April 1, 1959.
- PFLANZE, OTTO P., Assistant Professor of History — sick leave of absence with full pay from December 4, 1958, to February 1, 1959.
- REYNOLDS, HELEN M., Assistant Architecture Librarian, with rank of Assistant Professor — leave of absence, without pay, for five months beginning February 1, 1959, so that she may accept an appointment with the University of Texas.
- SNADER, DANIEL W., Professor of Education (College of Education and Division of University Extension) — leave of absence, without pay, for three years beginning March 1, 1959, so that he may serve as Specialist for Secondary School Mathematics on the staff of the United States Office of Education.
- YOUNG, GEORGE A., Associate Professor of Civil Engineering (C) — leave of absence, without pay, beginning March 1, 1959, and continuing through February 29, 1960, so that he may accept an assignment with the Air Force Ballistic Missile Division in Inglewood, California.

EXECUTIVE SESSION

At this point an executive session was requested and ordered for consideration for the following item of business.

RECOMMENDATIONS OF THE UNIVERSITY PATENT COMMITTEE

(19) 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. Apparatus for scanning stains or images on film for automatic sizing and counting — John Edwin Pearson, Professor of General Engineering, inventor. This is a mechanical scanning technique and may be compared to a simple slide projector in which the projector is revolved so that the picture on the screen is moved past a photo-multiplier tube.

This invention had been referred to the University of Illinois Foundation for study, and that agency has reported that it is very doubtful that there is any commercial value to the device. Accordingly, the Committee recommends that the invention be released to the inventor with the stipulation that if he files for a patent, he will recognize the contractual obligations to the sponsoring agency, the Air Force; that if he does not file for a patent, he will release all his rights in the invention to the sponsoring agency; and that the University is to execute all documents necessary to accomplish this.

2. Non-planar logarithmically periodic antenna structures — Dwight E. Isbell, Antenna Technician, Department of Electrical Engineering, inventor; and uni-directional equiangular spiral antenna — John D. Dyson, Assistant Professor and Assistant Research Professor of Electrical Engineering, inventor. These inventions are advanced antenna structures which are novel because they operate over a large range of frequencies, together with other advantages over existing antenna structures.

They are very closely related to the antenna invention of R. H. DuHamel that was released to the University of Illinois Foundation on June 19, 1958. For this reason and because of the commercial possibilities of these inventions, the Patent Committee recommends that they be released to the Foundation, duly recognizing the obligations to the sponsoring agency, the Air Force.

3. Alkylation of purines and pyrimidines—Terrell C. Myers, Assistant Professor of Biological Chemistry, College of Medicine, and Lowell D. Zeleznick, Research Assistant in Biological Chemistry, College of Medicine, inventors. Procedures have been developed for the alkylation of purines and pyrimidines by means of quaternary ammonium salts. These procedures give rise to certain purine and pyrimidine derivatives of potential biological activity. Some of these derivatives are new compounds.

After discussing the opinion of the Head of the Biological Chemistry Division of the College of Medicine and of the Vice-President in charge of the Professional Colleges that the commercial possibilities of these compounds are remote, the Patent Committee recommends that this invention be released to the inventors with the stipulation that the contractual rights of the sponsoring agency, the United States Public Health Service, be recognized.

4. Double-refraction by rotating electric fields—Don F. Holshouser, Research Assistant Professor of Electrical Engineering, inventor. The purpose of this invention is to effect variations in the optical anisotropy of media which exhibit the Kerr effect.

The Patent Committee concurs in the opinion of the Head of the Electrical Engineering Department that this invention has little or no commercial possibility and recommends that it be released to the inventor with the stipulation that if he files for a patent, he will recognize the contractual obligations to the sponsoring agency, the Air Force; that if he does not file for a patent, he will release all his rights in the invention to the sponsoring agency; and that the University is to execute all documents necessary to accomplish this.

I concur in these recommendations.

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

On motion of Mrs. Watkins, the Board adjourned.

A. J. JANATA
Secretary

PARK LIVINGSTON
President

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

February 19, 1959



The February meeting of the Board of Trustees of the University of Illinois was held in the Sheraton-Blackstone Hotel, Chicago, Illinois, on Thursday, February 19, 1959, beginning at 10:00 a.m.

The following members of the Board were present: Mr. Cushman B. Bissell, Mr. Wirt Herrick, Mrs. Doris S. Holt, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Park Livingston, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. Kenney E. Williamson. Governor William G. Stratton and Mr. George T. Wilkins were absent.

Also present were President David D. Henry, Vice-President and Provost Gordon N. Ray, Dr. H. E. Longenecker, 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 Department, Mr. C. E. Flynn, Director of Public Information, Mr. William H. Rice, Administrative Assistant in the President's Office, Mr. John H. Worthington, Manager of Public Information Office, Chicago Departments, Mr. Richard L. Nelson, President of Real Estate Research Corporation of Chicago; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary. Mr. Howard W. Clement, Mr. Richard A. Harewood, and Mr. Harold Pogue, Trustees-elect, were guests at the meeting.

MINUTES APPROVED

The Secretary presented the minutes of the meetings of the Board of Trustees on September 30, 1958, and October 23, 1958, press proof copies of which have previously been sent to the Board.

On motion of Mrs. Holt, these minutes were approved as printed on pages 77 to 177, inclusive.

CHANGE OF ORDER OF BUSINESS

Mr. Johnston moved that the Board suspend the rules on the Order of Business to take up consideration of certain resolutions and a report of the Committee on General Policy; and this motion was adopted by a voice vote.

Mrs. Watkins moved that Mr. Herrick be asked to take the Chair and to preside during the presentation of resolutions. This motion was adopted and Mr. Herrick took the Chair.

RESOLUTIONS

Mrs. Watkins offered the following resolution and moved its adoption:

To Doris S. Holt

The Board of Trustees of the University of Illinois gratefully records its warm appreciation for your faithful service as a member of this Board for the twelve years from 1947 to 1959.

As Chairman of the Student Welfare and Activities Committee for twelve years you have given leadership to an important aspect of the Board's work and have done so with understanding and insight. You have made important contributions to the physical development and welfare of the University as a member of the Committee on Buildings and Grounds during your entire tenure. The University of Illinois is fortunate to have had the benefit of your competent and gracious service.

The President and other administrative officers of the University desire to join the members of the Board of Trustees in this tribute and also in extending best wishes to you and Mr. Holt in the years to come.

The Board directs that this resolution be incorporated in the minutes of today's meeting to become a part of the official record and that a suitable copy be given you as a permanent reminder of the esteem and affection in which you are held.

Chicago, Illinois

On the nineteenth day of February, one thousand nine hundred and fifty-nine, and in the ninety-second year of the University.

Mr. Johnston offered the following resolution and moved its adoption:

To Cushman B. Bissell

The Board of Trustees of the University of Illinois hereby expresses its grateful appreciation for your public-spirited and distinguished service as a member of this Board for the six years from 1953 to 1959.

Your able contribution to the work of a number of committees is recognized and special commendation is noted for the leadership you have given to the Alumni and Patent Committees of which you served as Chairman. The keen discernment evident in your discussions of business before the Board and in directing attention to fundamental issues has been of great help to the Trustees in making policy decisions. It should also be noted that as a representative of this Board on the Board of Trustees of the University Retirement System of Illinois you had an especially useful role in bringing to this assignment your splendid legal and business background and your personal acumen.

The President and other administrative officers of the University have indicated their desire to join the members of the Board of Trustees in this tribute and in extending to you and Mrs. Bissell their best wishes for the years 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.

Chicago, Illinois

On the nineteenth day of February, one thousand nine hundred and fifty-nine and in the ninety-second year of the University.

Mr. Swain offered the following resolution and moved its adoption:

To Park Livingston

The Board of Trustees of the University of Illinois hereby records your eighteen years of continuous service as a member of this Board and gratefully expresses its appreciation for your vigorous and competent leadership as its President for ten years, in the periods from 1943 to 1948, again from 1951 to 1954, and most recently from 1957 to 1959.

Your long and diversified experience in the University, in your earlier years as a student leader, as a member of the staff, and later as a member of this Board of Trustees, have given you depth of understanding of this institution which, coupled with your energy and devotion, have provided it with extraordinary service. It should be noted that your services during the past eighteen years included the critical World War II and postwar periods when policy and planning decisions were significant in shaping the future of the University. The list of the University's accomplishments in the expansion of its services during your tenure as Trustee and as President of the Board would be too lengthy to recount here, but three significant programs to which you made special contributions should be mentioned: the establishment of the College of Veterinary Medicine; the construction of the University of Illinois Airport and the establishment of the Institute of Aeronautics; and the establishment of the Chicago and Galesburg Undergraduate Divisions.

Special recognition is also due your sixteen years as a member of the important Executive Committee of the Board of Trustees and your work on all of the other standing committees on four of which you served as Chairman. Your services as a member of the Medical Center Commission and as a Director of the University of Illinois Foundation should also be recorded as significant contributions to the welfare of the University.

The President and other administrative officers of the University wish to join with the Board of Trustees in this tribute to you and in extending best wishes to you and Mrs. Livingston.

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.

Chicago, Illinois

On the nineteenth day of February, nineteen hundred and fifty-nine, and in the ninety-second year of the University.

The foregoing resolutions of tribute to Mrs. Doris S. Holt, Mr. Cushman B. Bissell, and Mr. Park Livingston, having been read, were unanimously adopted by a rising vote.

Mr. Herrick withdrew from the Chair and President Livingston again presided.

SITE SELECTION FOR RELOCATION OF THE CHICAGO UNDERGRADUATE DIVISION

Mr. Johnston, for the Committee on General Policy, presented the following report.

The Committee on General Policy, a standing Committee of the Board of Trustees, with the President of the Board added for this purpose, has acted as a special committee on matters relating to the development of the Chicago Undergraduate Division.

The University of Illinois Chicago Undergraduate Division was established

by the Board of Trustees in 1946 after consultation with the Governor of Illinois, the Chairman of the Illinois Budgetary Commission, and other leaders in the General Assembly of Illinois¹ to provide additional higher educational facilities needed by the University to accommodate the large number of students seeking admission to college and particularly veterans of World War II to whom the state of Illinois and the University had a special obligation. With the cooperation of the Governor, the Mayor of Chicago and other city officials, the University was able to lease and remodel quarters at Navy Pier for the new division and to accept students at the beginning of the academic year 1946-47. The educational program started with, and still consists of, the first two years of college work in liberal arts and sciences, commerce, engineering (including architecture and art), and physical education.

The original concept of the Chicago Undergraduate Division was an emergency facility in its present temporary quarters but capable of development in a permanent location both in physical facilities and in educational programs as the needs of the state and the obligations of the University to meet these needs might require. There is no longer any question of the need. It is apparent that the Chicago Undergraduate Division is a permanent part of the University's organic educational structure, and it has been so recognized by the General Assembly of Illinois. There remain, however, the questions—and problems—of its physical facilities and the expansion of its educational programs. Navy Pier was and is a temporary home; it has never been considered a permanent one. The reasons are well known but bear repeating for the record: Navy Pier is not a suitable place (and is becoming less so) for educational work at the college level; the amount of space available there is not adequate for the necessary expansion to meet the inevitable increase in enrollment; and the city of Chicago needs, for other purposes, the space the University now occupies.

This report of your Committee deals only with the matter of relocation. The development and expansion of educational programs are still under study by the University faculties and the administration, and a future report will be made relative thereto.

The Board of Trustees has employed the Real Estate Research Corporation of Chicago as consultant on studies of site selection for the permanent relocation of the Chicago Undergraduate Division. This Corporation's first assignment was to develop criteria for evaluation of sites to meet the University's needs. The criteria it developed are hereafter set forth in detail.

At this point it should be noted, as the Committee on General Policy and the Board of Trustees has previously stated publicly, that the prime objective in University planning for the Chicago Undergraduate Division is to have the buildings and other facilities needed to carry on the present educational programs on a permanent site ready for use in 1963. This timetable is based on known data on the number of students who will be seeking admission to the University during the next four years. The present facilities at Navy Pier simply can not accommodate the potential enrollment.

Subsequently Real Estate Research Corporation catalogued all potential sites, obtained substantially all pertinent information concerning them and submitted a comprehensive report, "Analysis of Sites for the Campus of the Chicago Undergraduate Division." Eighty-three sites were considered and investigated. In its studies Real Estate Research Corporation has had the architectural and engineering assistance of the architectural and engineering firms of Skidmore, Owings, and Merrill, Naess and Murphy, and Sargent and Lundy, all of Chicago. Its report, dated October 20, 1958, was presented to the Board of Trustees on October 23, 1958, and was made public. Copies of it were supplied to all public officials concerned and to other interested parties. Following is an extract from the Real Estate Research Corporation's report which is pertinent to this report of the Committee on General Policy:

¹ The General Assembly of Illinois was not in session in 1946 but the supplementary appropriations for the biennium of 1945-47 needed by the University to provide for the establishment and operation of its Chicago Undergraduate Division (and also one in Galesburg which was in operation from 1946-49) were promptly made as emergency legislation when the General Assembly convened in January, 1947.

"As the result of a series of population, transportation, economic and location studies and program studies, the following criteria briefly stated have been used to measure the potential of various sites:

1. Accessibility: (This criterion was determined after comparative studies of places of residence of students enrolled at Urbana-Champaign and at Navy Pier as well as students enrolled in other colleges in the Chicago area. These studies were supplemented with data on transportation habits and preferences of students at Navy Pier obtained directly from them.)
 - a. A site must be accessible by public transportation, with a maximum travel time of one hour and a maximum fare (at present fare levels) of 57½ cents for a one-way trip, from the homes of at least 50 per cent of the potential students residing in Cook and Du Page Counties.
 - b. A site must be accessible from the homes of at least 85 per cent of the potential students, residing in Cook and Du Page Counties, either by public transportation as stated above, or by private automobile with a maximum driving time of forty-five minutes.
2. Availability: The site must be available on a schedule which permits beginning of construction by July, 1960, and the complete operation of the first stage (6,000 students) by the fall of 1963; and the balance of the site must be available by 1965 for construction of those buildings needed for the final stage.
3. Expansibility: Sites with areas above minimum requirements, or with feasible possibilities of expansion, are to be preferred over sites lacking these qualities.
4. Cost: Sites with low costs are to be preferred to sites with high costs. Such costs include:
 - a. Acquisition cost of the land.
 - b. Development cost of the site.
 - c. The possibility of building low-rise structures as opposed to higher cost, high-rise buildings.
5. Environment: Sites adjacent to environmental factors which would assist the educational mission of the campus are to be preferred over sites with neutral or unfavorable environmental surroundings. Environmental factors to be evaluated for specific sites include:
 - a. General environment, particularly as to land use, physical condition, identification, prestige, and safety.
 - b. Adjacency to cultural or other facilities which could be used by the University.
 - c. Proximity to areas of superior opportunities for desirable faculty housing, and of potential employment for students."

The application of these criteria to all sites studied resulted in the Real Estate Research Corporation's finding in its report of October 20 that there are four outstanding locations which meet the requirements of accessibility to the student population to be served (here again we quote from the Corporation's report):

- "a. The first, *Northerly Island*, is located on the lake front. It was built in the 1920's as Island No. 1 in a proposed series of five islands, and subsequently renamed *Northerly Island*. Except for a brief period during the Century of Progress Exposition, it had no substantial use until the end of World War II, at which time it was offered to the United Nations as a site for their headquarters. The United Nations subsequently chose the East River location in New York. In 1949 a portion of *Northerly Island* was improved with a landing strip, and this section of the island has been operated as Meigs Field ever since.

- b. The *Rail Terminal* site is located in the general area between State Street and the Chicago River and from Congress Street to Fourteenth Street. It is now occupied by the Grand Central Station, LaSalle Street Station, and the Dearborn Street Station, and used by fourteen railroads.
- c. *Garfield Park* is a large park located between the Congress Street Expressway and Fulton Street, between Hamlin and Homan Boulevards. The portion which would be used for the University's first stage is that lying south of Madison Street. All of the important buildings in the park are located in the park areas north of Madison Street and are not involved in this site.
- d. *Riverside Golf Club* is a privately-owned golf club located, roughly speaking, between Desplaines Avenue and First Avenue and between Twenty-second and Twenty-sixth Street in North Riverside."

Further exploration by the Committee on General Policy and consideration of information it has received make it clear that of these four sites, two are now considered as having first priority—Northerly Island and the Riverside Golf Club. Both are endorsed by the University administration as acceptable and desirable. (In a separate statement the factors which limit the consideration of the Rail Terminal site and Garfield Park are outlined.) The Committee on General Policy has reviewed the comparative merits of Riverside Golf Club and Northerly Island as sites for the Chicago Undergraduate Division. These two locations have been judged as acceptable in terms of accessibility, environment, and expansibility.

In all considerations of this problem, the Board of Trustees has been motivated only by the desire to acquire the best possible site at an advantageous price and within a time limit which would make it possible for the new facilities to be available without closing the doors upon qualified students who wish to attend the University of Illinois. Mindful that to meet this time schedule action must be procured in the current session of the General Assembly, and that estimates of cost for appropriation purposes must be submitted promptly to the budget offices of the state government, the Committee on General Policy believes the best solution of the site question is the Riverside Golf Club.

The Committee is mindful of the desires of many people and public officials to have the Chicago Undergraduate Division within the city limits, but since the only other recommended site now under consideration is Northerly Island, and since the Committee has no assurance that Northerly Island is available, or that it will be made available within a reasonable time schedule, or at a cost equal to or less than that projected for Riverside, the Committee believes the Riverside Golf Club should be designated as the site since it can be acquired through proceedings in eminent domain, if necessary.

Accordingly, the Committee recommends that the Board of Trustees authorize and direct the President of the University, through appropriate staff officers and with such other assistance as may be required, to negotiate with official representatives of Riverside Golf Club for the acquisition of its holdings and with such other owners of property immediately adjacent to the Club grounds as may be desirable for the initial planning development. If negotiations fail, the President is directed to submit a plan for the acquisition of the properties through proceedings in eminent domain. The Committee further recommends that the President of the University be directed to submit to the Governor the estimated sum required to finance the purchase, and to amend the requests of the Board of Trustees for the capital budget of the University as submitted to the State Department of Finance to include this item plus \$1,300,000 for architectural plans and initial site development.

Finally, the Committee recommends that this action be reconsidered by the Board, if, within thirty days from this date, the Park District of the City of Chicago should make a firm offer in writing to the President of the University to transfer Northerly Island to the Board of Trustees at a reasonable cost compared to that projected for the Riverside Golf Club for the development of the Chicago Undergraduate Division including assurance of free fill over a reasonable period of time for the lagoons on the west side of Northerly Island. The thirty-day limitation of time is necessary because a request for an appropriation by the General Assembly of Illinois must be made in March, 1959.

Supplement to Report of the Committee on General Policy on Site Selection for Relocation of the Chicago Undergraduate Division

1. Consideration of the Rail Terminal site, consisting of approximately one hundred thirty acres proposed and allocated by the Central Area Committee for use by the University of Illinois, has been limited because:
 - a. It is now clear that this land can not be made available to meet the University's time schedule for the relocation of the Chicago Undergraduate Division.
 - b. The valuation for reuse would be greatly in excess of the cost of one of the other acceptable sites.
 - c. Undesirable environmental conditions exist east of the site, and there is no assurance of improvement of these conditions within the predictable future.
 - d. Expansion beyond the known acreage would probably be difficult and relatively expensive.
2. Likewise consideration of the Garfield Park site of approximately one-hundred forty-six acres, including fifty-four acres of park land, has been limited because:
 - a. No assurance has been given to the University that the park land will be made available to it.
 - b. Unless new federal legislation is enacted and funds are appropriated for an urban renewal project in this area, the total land cost to the University could be as much as \$20,000,000 which is greatly in excess of the estimated cost of at least one of the other acceptable sites.
 - c. The adjacent area to the east is less desirable as to environment than the areas adjacent to the Riverside Golf Club and Northerly Island.
 - d. It will be more difficult, and therefore more expensive, to provide delivery of fuel and other supplies to the Garfield Park site than to Northerly Island or Riverside Golf Club which can be served by rail or barge.

At the conclusion of this presentation, Mrs. Watkins moved the adoption of this report and approval of the recommendations.

There followed a general discussion of the report in which all of the Trustees participated. President Livingston invited the three Trustees-elect, who were guests of the Board and observers at this meeting, to join in this discussion and all three of them did so.

Mr. Harewood offered the comment that the Chicago Undergraduate Division should be in an area where it will be readily accessible to the greatest number of students and that the Riverside site is the least desirable from this standpoint. He suggested the Board defer action.

Mr. Clement suggested that the offer to accept Northerly Island be made more flexible as to the cost.

Mr. Pogue stated that he believes the present Board, having dealt with the site problem and having studied it for many months, is better qualified to make the decision than any other group. He added that Northerly Island would be his personal preference but the recommendation of the Committee leaves the door open to consideration of that site.

Messrs. John Harrington, G. A. Lund, E. P. Schoenthaler, and H. C. Woodward, residents of the Village of Riverside, and Mr. Jerry Slezak, Clerk of the Village of North Riverside, were present at the meeting and President Livingston asked if they wished to be heard. Mr. Harrington, speaking for the group, reviewed briefly the presentation he made on behalf of this group of citizens of Riverside at a meeting they had with the Committee on General Policy on February 18, 1959, at which time they expressed their objections to

the location of the University's Chicago Undergraduate Division in the area of the Village of Riverside and North Riverside. A copy of his statement to the Committee has been filed with the Secretary of the Board.

Mr. Alfred W. Sikes, an alumnus of Illinois and a resident of Chicago who was at the meeting, asked to be heard. He made a brief statement urging the Board to consider Garfield Park because this location is more readily accessible to the students who will be attending the Chicago Undergraduate Division.

At the conclusion of these presentations and discussions, Mr. Bissell moved that the report be amended in the first sentence of the last paragraph of the Committee's recommendations by striking the words "... cost equal to or less than . . ." and inserting in lieu thereof the words "... reasonable cost compared to. . . ." With the assent of Mrs. Watkins and Mr. Johnston, the other members of the Committee, Mr. Bissell's motion was considered and adopted, and the report as printed above is in this amended form.

The discussions having been concluded, Mr. Herrick asked for the question. Mrs. Watkins renewed her motion that the report of the Committee be adopted, as amended, and that the recommendations be approved. On this question the vote was: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins. Mr. Hughes added, by way of explaining his vote, that he hopes Northerly Island will be made available.

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, 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>
SAUL MORTON BAKRINS	Chicago	District of Columbia
ROBERT HENRY BECKSFORT	Niles, Michigan	Michigan
EDWARD SAMUEL ELINS	Chicago	Montana
EDMUND JOSEPH FITZGERALD	Oak Park	Massachusetts
JACK LESLEY MCBRIDE	Chicago	Nebraska
LAWRENCE PHILLIPS	Bensenville	New York
LAWRENCE SPITZER	Chicago	New York

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, 1958, and who have fulfilled all other legal requirements under Sections 1, 2, and 3 of the Illinois Accountancy Act of 1943 as amended:

ORVILLE REX ABOLT, JR. (Champaign)	ALFRED AMADO (Chicago)
LEE NORMAN ABRAMS (Chicago)	CHARLES MELVIN ANDERSON (Melrose Park)
JOSEPH CHARLES ADDISON (Park Forest)	HARVEY JEROME ANGELL (Skokie)

- CLARENCE GEORGE AVERY (Champaign)
 HERMAN BARRINGTON (Chicago)
 PETER HENRY BERGMAN (Chicago)
 EDWARD BERKOWSKY (Chicago)
 WILLIAM RICHARD BEUTTNER
 (Chicago)
 RICHARD PHILMORE BEZARK (Chicago)
 GEORGE ALFRED BIGGS (Downers
 Grove)
 IRA ALEXANDER BIRD (Wheeling)
 MARTIN BOSKER (Chicago)
 ARTHUR THOMAS BRADLEY, Jr.
 (Chicago)
 DONALD GEORGE BRADY (Decatur)
 HARRY ALFRED BRANDT (Evanston)
 JEROLD S. BRAUDE (Chicago)
 BOYD NOEL BRISCOE (Chicago)
 GERALD ALLEN BROWN (Springfield)
 MELVIN EUGENE BROWN (Mt. Vernon)
 JOSEPH WILLIAM BURDETT (Peoria)
 JAMES LEONARD BYER (Oak Lawn)
 DONALD EDWARD CALDART (Evanston)
 CHARLES HENRY CALDWELL (Chicago)
 ERIC NEIL CHANDLER (Springfield)
 JAMES CALVIN COHRS (Batavia)
 CHARLES PATRICK CONDON (Glen
 Ellyn)
 BRIAN DENIS CONMY (River Forest)
 VINCENT ARTHUR COOLING (Decatur)
 PETER COWLES (Evanston)
 JOHN ANGELO DASSIOS (Chicago)
 MELVIN DAVIS (Chicago)
 ROBERT LOUIS DEPAUW (Wheaton)
 GEORGE HAMM DICKERSON, Jr.
 (Hinsdale)
 HARRY GARRISON DOYLE, Jr. (Chicago)
 ALLAN RICHARD DREBIN (Chicago)
 LAWRENCE MICHAEL DUBIN (Chicago)
 DONALD FRANK DVORAK (Chicago)
 DAVID CARLTON EICHLER (Chicago)
 JEROME JACK ESSES (Chicago)
 JEROME JAY EX (Chicago)
 JAMES RICHARD FALLEN (Chicago)
 CHARLES ROBERT FAUST (Lawrence-
 ville)
 ERNEST EUGENE FIELD (Chicago)
 NATHAN U. FIRESTONE (Highland
 Park)
 RALPH FISHMAN (Peoria)
 RICHARD JAMES FLYNN (Chicago)
 RICHARD MONTE GARGANO (Chicago)
 JOSEPH CHRISTOPHER GIANOTTI
 (Kankakee)
 LAWRENCE ARNOLD GOLDMAN
 (Chicago)
 HENRY MEELAN GRANNAN (Chicago)
 HAROLD GREENE (Park Forest)
 ROBERT DEAN GRIFFITH (Elk Grove
 Village)
 WILLIAM MAUST GRISWOLD (Sterling)
 ALFRED ERNEST HACKBARTH, Jr.
 (Wilmette)
 EPHRAIM HADASSY (Chicago)
- DALE WENDELL HAINES (Roselle)
 GERALD KEITH HANSON (West
 Chicago)
 MELVIN MEYER HILL (Oak Park)
 EARL WILLIAM HOAGE (Chicago)
 JAMES VINCENT HOEY (Chicago)
 HOWARD LEE ISENBERG (Chicago)
 EUGENE BERNARD JACOBSON (Chicago)
 FRANCIS JOSEPH JARA (Chicago)
 SIDNEY FRED JARROW (Chicago)
 ARTHUR TENNANT JONES (Westchester)
 ROGER SCOTT JOSLIN (Rantoul)
 MORRIS ABRAHAM KAPLAN (Chicago)
 LAWRENCE ALVIN KAUFMAN (Chicago)
 EARL JOSEPH KEATING (Lake Villa)
 ROBERT LOREN KEITH (Chicago)
 DONALD FORMAN KELLMAN (Skokie)
 EDWARD HENRY KERCHER (Rockford)
 IRWIN ALFRED KOSOFKY (Chicago)
 FRANK PIERCE KROMER, Jr. (Riverdale)
 PAUL JOSEPH LAFRENIERE (Chicago)
 RICHARD UIN LANSDEN (Decatur)
 DAVID SAUL LEVIN (Chicago)
 GERALD EARL LIBMAN (Chicago)
 BURTON ERNEST LINDGREN (Rockford)
 GERALD FRANCIS LOGSDON (Chicago)
 RICHARD THEODORE LORENZ, Jr.
 (Deerfield)
 SHIRLEY DEAN LYBARGER (Peoria)
 CHRIST GUST MARINAKIS (Chicago)
 ERNEST L. MARX (Chicago)
 MELVIN JAY MAYSTER (Chicago)
 PHILLIP RAY McDERMITT (Chicago)
 EDWARD JAY MCGOWEN (Chicago)
 TERENCE JOHN McMAHON (Rockford)
 JAMES ARTHUR McMULLEN (Chicago)
 RALPH HARVEY McNAUGHTON
 (Quincy)
 PAUL LEON MIGDAL (Chicago)
 JOEL LAWRENCE MILLER (Chicago)
 JOHN DANIEL MILLS, Jr. (Skokie)
 FRANCIS JAMES MUSZYNSKI, Jr.
 (Chicago)
 SAMUEL MITUGE NAKAGAWA (Chicago)
 ROBERT LANE NOBLE (Peoria)
 CHARLES RICHARD OEHLER (Rockford)
 THOMAS MICHAEL O'LEARY (Chicago)
 NORMAN JOSEPH OSHERMAN (Chicago)
 EDWARD GEORGE PANSCHAR (Chicago)
 WILLIAM EDWARD PARKER (Downers
 Grove)
 ROBERT JOHN PENN (Chicago)
 FRANK STEPHEN POLLACK (Chicago)
 DONALD GLEN PYLES (Homewood)
 HELENE MARIE APPOLONIA
 RAMANAUSKAS (Chicago)
 MELVIN EUGENE RATH (Springfield)
 WILLIAM ANDREW REEGO (Northbrook)
 HAROLD RAY RIECHES (Watseka)
 HAROLD CHARLES RILEY (Chicago)
 GERSON RUBINSTEIN (Chicago)
 GEORGE HEINZ RUEDIGER (Chicago)
 RONALD WHITE RUTHER (Chicago)

CORNELIUS MICHAEL RYAN (Chicago)	WILLIAM MATHEW STROUD (Chicago)
MAURICE EDWIN SABATH (Forest Park)	ROBERT WALTER TAGUE (Chicago)
PAUL FREDERICK SANDQUIST (Chicago)	DEAN HEYER TURNER (Des Plaines)
ROBERT JAY SCHWARTZ (Skokie)	HUGH BARKER VAN CLEVE, JR. (La Grange)
WILLIAM STANTON SEIDEN (Chicago)	ROY JOHN VANDENBERG (Thornton)
ROBERT SHAPIRO (Chicago)	BARRY VAN LEEUWE (Rolling Meadows)
LYLE DUANE SHARP (Park Forest)	WILLIAM HENRY VRBA (Brookfield)
ROBERT JOSEPH SHAW (Rockford)	ROBERT WARDA (Chicago)
JOHN ANTHONY SHERMULIS (Chicago)	LAWRENCE RICHARD WARNER (Lake Forest)
MYRON SHORE (Chicago)	LEON CHARLES WEXLER (Urbana)
KENNETH ROLAND SIMONSON (Lisle)	GAUDENCE LAWRENCE WORM (Elmwood Park)
JOHN FRANKLIN SMITH (Quincy)	RICHARD EDWARD YAVITT (Chicago)
ALAN HENRY SONS (Chicago)	RICHARD HENRY YOUNG (Chicago)
KERMIT BURDETTE SORUM, JR. (Chicago)	MELVIN ELLIOTT YUDLER (Chicago)
ROBERT SIDNEY SPENCER (Chicago)	ROBERT OLIVER ZINNEN (Chicago)
FRANK CONRAD STERNARD (Chicago)	JERROLD RICHARD ZISOOK (Chicago)
STUART RICHARD STRINGHAM (Park Forest)	

I concur.

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

APPOINTMENT OF ACTING DIRECTOR OF DIVISION OF SERVICES FOR CRIPPLED CHILDREN

(2) On recommendation of the Vice-President in charge of the Chicago Professional Colleges, I have approved the appointment of Dr. Edward F. Lis, Associate Professor of Pediatrics in the College of Medicine and in the Division of Services for Crippled Children, and Director of the Center for Handicapped Children in the Research and Educational Hospitals, as Acting Director of the Division of Services for Crippled Children effective February 1, 1959, and continuing until the effective date of appointment of a Director. He will continue in his present positions as Associate Professor of Pediatrics on indefinite tenure and as Director of the Center for Handicapped Children in the Research and Educational Hospitals. For services as Acting Director, I have approved an additional salary of \$165 a month.

This appointment is to fill the vacancy created by the untimely death on January 10 of Dr. Herbert R. Kobes, who had been a member of the faculty and Director of the Division since 1945. A recommendation for a permanent appointment will be made in due time.

Confirmation of this action is requested.

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

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. BENNETT M. BERGER, Research Assistant Professor of Communications and Assistant Professor of Sociology, beginning September 1, 1959, at an annual salary of \$6,850 (B).
2. ROGER W. BURTNESS, Associate Professor of Electrical Engineering, beginning March 1, 1959, at an annual salary of \$10,000 (D).
3. JOHN E. CREW, Research Assistant Professor of Physics, beginning September 1, 1959, at an annual salary of \$7,200 (DY).
4. DORA E. DAMRIN, Research Assistant Professor of Education, in the Bureau of Educational Research, beginning February 1, 1959, at an annual salary of \$8,900 (DY).
5. WILLIAM L. FERRARA, Assistant Professor of Accountancy, beginning September 1, 1959, at an annual salary of \$7,000 (B).
6. WILLIAM F. GEITTMANN, Clinical Assistant Professor of Obstetrics and Gynecology, beginning January 1, 1959, without salary (DY).

7. ARTHUR J. MEADOWS, Assistant Professor of Astronomy, beginning September 1, 1959, at an annual salary of \$6,000 (B).
8. DONALD A. SMALLEY, Professor of English, beginning September 1, 1959, at an annual salary of \$13,200 (A).
9. MRS. ANITA SMITH, Administrative Assistant to the State Leader of Home Advisers, with rank of Assistant Professor, beginning March 16, 1959, at an annual salary of \$7,000 (DY).
10. JACK SWING, Assistant Professor of Architecture, beginning March 1, 1959, at an annual salary of \$8,500 (D).
11. LUCY C. ZACCARIA, Research Counselor in the Student Counseling Service and Assistant Professor of Psychology, Chicago Undergraduate Division, beginning February 1, 1959, at an annual salary of \$7,400 (DY).

Nonacademic Appointment

The Director of Nonacademic Personnel reports the following appointment to a supervisory position of upper level responsibility.

1. MARY LOU VAN DYKE, Dietitian in the Dietary Department, Chicago Professional Colleges, at an annual salary of \$4,920, effective December 1, 1958.

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

APPOINTMENT OF COORDINATOR OF INSTRUCTIONAL TELEVISION

(4) A special Committee appointed to direct planning in instructional television at the University and the Vice-President and Provost recommend the appointment of Charles J. McIntyre, presently Chief of the Instructional Procedures and Evaluation Branch of the Education Division in the Office of Armed Forces of the Department of Defense, as Coordinator of Instructional Television with the rank of Associate Professor beginning July 1, 1959, at an annual salary of \$14,500 (AY). He will be assigned to the office of the Vice-President and Provost.

I concur.

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

APPOINTMENTS TO THE UNIVERSITY OF ILLINOIS CITIZENS COMMITTEE AND ITS EXECUTIVE COMMITTEE

(5) 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 the following:

1. Nominations for new appointments for a period of three years from January 1, 1959.
2. Nominations for reappointments for a period of three years from January 1, 1959, of a number of members whose terms have expired.
3. Nominations for appointments to the Executive Committee of the Citizens Committee for one year from January 1, 1959.

General Committee

New Appointments

RAGNAR BENSON Ragnar Benson, Inc. (Contracting and Engineering Firm) 4744 Rice Street Chicago 51, Illinois	C. J. COVINGTON President, Dowzer Electric Machinery Works, Inc. Mt. Vernon, Illinois
JOHN H. BRINKER, JR. Vice-President, A. O. Smith Corporation P. O. Box 28 Kankakee, Illinois	GORDON FRANKLIN Attorney Marion, Illinois
W. R. BROOKS Publisher, <i>The Democrat-Message</i> Mt. Sterling, Illinois	DAVID L. HARRINGTON Chairman, The Reuben H. Donnelley Corporation Chicago 1, Illinois

GEORGE L. IRVINE
Regional Vice-President, General
Electric Company
840 South Canal Street
Chicago 80, Illinois

O. E. JONES
Retired Corporation Executive (Swift
and Company)
Chicago 41, Illinois

PAUL F. KENT
President, General Paving Company
Champaign, Illinois

JUDGE OTTO KERNER
Room 611, County Building
Chicago, Illinois

FRANKLIN J. LUNDING
Chairman of the Board, Jewel Tea
Company, Inc.
135 South LaSalle Street
Chicago 3, Illinois

JUDGE ABRAHAM L. MAROVITZ
Chief Justice, Criminal Court of Cook
County
Chicago 13, Illinois

DONOVAN D. McCARTY
Attorney
Olney, Illinois

GUY E. MCGAUGHEY
Attorney
Lawrenceville, Illinois

CHARLES MORROW
Editor, *Galesburg Register-Mail*
Galesburg, Illinois

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Vice-President and General Manager,
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Resolutions of the Executive Committee of the University of Illinois Citizens Committee

The Executive Committee of the University of Illinois Citizens Committee has adopted the following resolutions:

In view of the defeat of the State Building Bond Issue referendum, the Executive Committee of the University of Illinois Citizens Committee strongly urges that other appropriate measures for financing the great needs of the University of Illinois be initiated at as early a date as possible.

The Executive Committee of the University of Illinois Citizens Committee wishes to stress the importance of adequate faculty compensation as the key to quality in higher education and urges the Governor and the General Assembly of the state of Illinois to keep this point uppermost in deliberations and considerations relative to the University of Illinois, to the benefit of the University and to the State.

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

On motion of Mr. Herrick, the Secretary was requested to send a note of thanks to the Executive Committee for these resolutions.

CENTER FOR ADVANCED STUDY

(6) The University Research Board and the Executive Committee of the Graduate College recommend the establishment of a Center for Advanced Study as a special unit of the Graduate College under Section 18 of the University of Illinois Statutes and according to the plan described below.

This has been reviewed by the University Council which supports the recommendation. While University Senate approval is not required under University Statutes, the proposal was nevertheless submitted to the Urbana-Champaign Senate which has recommended approval. It has also been cleared with the Senate Coordinating Council.

I recommend approval.

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

The primary purpose of the Center for Advanced Study shall be the encouragement of creative achievement and scholarship by providing recognition to scholars of the highest distinction and by providing incentives for the highest level of scholarly achievement.

In its original organization the Center for Advanced Study shall be composed of members and associate members. The members shall constitute the Executive Committee of the Center, and the Dean of the Graduate College shall be its executive officer and a member *ex officio*. The Executive Committee shall be free to propose other types of affiliation with the Center, in addition to the associate members, at such times as it may desire.

Members. Members of the Center for Advanced Study shall be appointed by the Board of Trustees on the recommendation of the President. Members ordinarily will be appointed for renewable five-year terms.

Membership in the Center shall be open to the most distinguished, most productive, and most widely recognized scholars at the University of Illinois. The members shall receive annual salaries comparable to the best professorial salaries in American universities. Nominations for membership may be made to the Dean of the Graduate College by any faculty member. Selection of candidates shall be made by the Dean in consultation with an advisory selection committee. It is recommended that the first three members be chosen from the current staff of the University; thereafter other scholars, whether then associated with the University or not may be nominated for membership and, if necessary, appointment to the University.

Members chosen from the University faculty shall continue to be listed in the budgets of their departments. Additional funds required to bring their salaries to the level chosen shall be carried in the budget of the Center as a unit of the Graduate College.

A member shall retain his status in his own department. By negotiation with the head or chairman of his department and the Dean of the Graduate College, and with the concurrence of the appropriate undergraduate dean, he may reduce the amount of his classroom teaching, committee work, advising, and the like, in order to devote a larger portion of his time to research. If the relinquishing of such duties by a member requires that the department obtain additional funds for the continuance of its teaching activities, such funds may be provided by the budget of the Center.

Associate Members. Associate members shall be appointed for one-year or two-year terms by the Board of Trustees on recommendation of the President. Application for associate membership may be made by any member of the faculty to the Dean of the Graduate College, who, after consultation with the Executive Committee, shall make his recommendations to the President. By negotiation with the head or chairman of his department and the Dean of the Graduate College, and with the concurrence of the appropriate undergraduate dean, an associate member may be freed of all teaching duties except, if he remains on the campus, the direction of graduate theses, in order that he may devote himself more fully to research. An applicant for associate membership may request extension of his appointment through the summer following an academic year in the Center at the standard rate of two-ninths of the annual salary. Funds necessary for the employment of a replacement for an associate member, as well as any summer compensation for the associate member, shall be provided in the budget of the Center. The amount of annual compensation received by a faculty member shall not necessarily be changed by his becoming an associate member.

Scholars from other locations may be appointed as associate members. Such appointments may be used to bring visitors to assist in established research programs, to bring creative artists to the campus, to bring distinguished scholars to departments in advance of vacancies arising from faculty retirements, and for such other purposes as the Executive Committee may approve. Nominations of off-campus candidates shall be routed by department heads and chairmen to the Dean of the Graduate College. Salaries paid to such appointees shall be carried in the budget of the Center.

Associate members may request reappointment, but no individual may be granted associate membership for more than three consecutive years.

The members and associate members will meet together at regular intervals to be determined by the Executive Committee. Special meetings may be called at the discretion of the Executive Committee.

The budget of the Center will be part of the Graduate College budget. It is hoped that the Center will attract financial support from agencies outside the University to provide endowed chairs and other support for members and associate members.

GRADUATE SCHOOL OF BUSINESS ADMINISTRATION

(7) The faculty of the College of Commerce and Business Administration, the Executive Committee of the Graduate College, and the Urbana Senate recommend establishment of a Graduate School of Business Administration within the Graduate College to provide professional training designed for students with baccalaureate degrees in fields other than commerce as well as for students with

a background in commerce and business administration. The purpose of the School will be to provide a breadth of training rather than specialization with emphasis on preparation for administrative and executive positions.

The School will exist as an educational division of the Graduate College and will have the same relationship to it as other graduate departments. In accordance with the usual procedures all courses, curricula, and recommendations to the teaching faculty will be submitted to the Graduate College for approval. The administrative responsibilities of the School will be assigned to a Director. Budget requests for operation will be presented through the usual University channels.

The School will offer the proposed new programs described below. It is also recommended that the professional program leading to the degree of Master of Accounting Science, established in 1958, be transferred to the Graduate School of Business Administration.

This recommendation has also been cleared with the Senate Coordinating Council, and I concur.

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

Graduate School of Business Administration

Academic Requirements

All students must meet the academic standards of the Graduate College with respect to admission requirements and progress toward the degree.

Degree Requirements

1. Master of Business Administration. This is a two-year program for students who hold a bachelor's degree in any field. A candidate for this degree must complete four semesters or the equivalent in residence and must earn at least sixteen units of graduate credit selected from the proposed new courses listed below, from graduate courses previously approved, and from additional courses which may be submitted at a later date. Each student must take at least one course in each of the following areas of business study: accountancy, economics, finance, management, marketing, and statistics. Certain courses will be required, but both the required and elective courses will be arranged to fit the student's particular needs, based on his previous preparations and his interests. The program does not permit specialized education in one or more areas of business.
2. Master of Commerce. This is a one-year program restricted to students who hold a bachelor's degree from a recognized school of business. A candidate for this degree must complete two semesters of residence or the equivalent, and must earn at least eight units of credit selected from the courses listed for the Master of Business Administration and under the same conditions.
3. Doctor of Business Administration. This program will require two additional years of residence beyond the Master of Business Administration or the Master of Commerce. These two years will consist of one additional year of course work (eight units), a comprehensive preliminary examination, a year devoted to the study and preparation of a thesis (eight units), and a final examination. Since this is a professional degree, there is no foreign language requirement.

New Professional Courses in Business Administration

The following new professional courses in business administration will be established as a part of this program: Business Administration 501, Business Economics; 502, Managerial Economics; 511, Analysis of American Industries; 521, Problems of Marketing; 522, Market and Sales Analysis; 530, American Business Traditions; 531, Legal Problems of Business Management; 541, Managerial Accounting and Control; 542, Industrial Cost Accounting; 543, Financial and Interpretive Accounting; 544, Controllorship; 554, Financial Analysis; 555, Financial Policy; 571, Statistical Controls for Management; 581, Business Communications; 599, Thesis Research.

DIRECTOR OF GRADUATE SCHOOL OF BUSINESS ADMINISTRATION

(8) I recommend that Dean Paul M. Green of the College of Commerce and Business Administration be appointed Director of the Graduate School of Busi-

ness Administration, effective immediately and continuing through August 31, 1959. Thereafter, reappointments to this position will be on a biennial basis consistent with the statutory provisions relating to the tenure of directors. The appointment as Director is in addition to his appointment as Dean of the College and Professor of Business Administration.

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

DEPARTMENTS IN COLLEGE OF JOURNALISM AND COMMUNICATIONS

(9) The faculty of the College of Journalism and Communications recommends that, effective September 1, 1959, the three instructional divisions of the College be designated as the Department of Advertising, the Department of Journalism, and the Department of Radio and Television; that the administrative officer in charge of each be designated as head of the department; and that the courses offered by the College be designated accordingly.

These changes do not alter existing instructional programs or curricular or degree requirements and are intended primarily to bring the organization of the College into harmony with University Statutes and general practice. The Urbana Senate Committee on Educational Policy has advised that these changes are of an administrative nature and do not require action by the Committee or by the Senate. Nevertheless, they will be reported to the Senate as a matter of record.

I concur.

On motion of Mrs. Watkins, this recommendation was approved.

APPROPRIATION FOR ACQUISITION OF LAND IN NORTHERN ILLINOIS

(10) The Committee on Nonrecurring Appropriations recommends an assignment of \$4,000 from the General Reserve Fund as the University's share of the cost of acquisition of the Volo and Wauconda Bogs in Northern Illinois for teaching and research in the biological sciences. The University of Illinois Foundation has approved an allocation of \$4,000 for this purpose and \$25,000 has been raised privately by Illinois Nature Conservancy. Title to the property will be in the University, with the provision that it will revert to the former owners or their heirs or assigns in the event the University ceases to use the property for the purpose for which it was acquired or fails to maintain it in its present natural state.

I recommend approval.

On motion of Mrs. Holt, the acquisition of this land was authorized, and the recommended appropriation was made by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

APPROPRIATION FOR GRADUATE FELLOWSHIPS FOR 1959-60

(11) It is necessary that funds for graduate fellowships for 1959-60 be committed at this time so that fellowship awards can be made and announced by April 1, 1959. Accordingly, on request of the Dean of the Graduate College and with the concurrence of the Vice-President and Provost and the Vice-President and Comptroller, I recommend that an appropriation of \$282,500 be made at this time for such fellowships, \$262,500 to be assigned for graduate study at Urbana-Champaign and \$20,000 for fellowships at the Chicago Professional Colleges, subject to availability of funds appropriated for 1959-61.

These assignments will constitute a lien on the University's operating budget for 1959-60.

On motion of Mr. Swain, this assignment of funds was authorized by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

APPROPRIATION FOR ADDITION TO PHYSICS RESEARCH LABORATORY

(12) The Vice-President and Provost and the Vice-President and Comptroller recommend that the Board authorize the construction of a steel building at the rear of the Physics Research Laboratory for housing of hydrogen liquefying equipment and that assignments of funds be made for this purpose of \$15,650 from the current operating budget of the Department of Physics and \$9,868 from indirect costs recovered from government research contracts and allocated to the Department, a total of \$25,518.

Additional space is needed for this equipment for research under a contract with the Office of Naval Research. A separate structure is indicated because of hazards of hydrogen. The University Building Program Committee has approved the site and type of structure. Allocation of funds from the Department of Physics budget is possible because some of the departmental expenses during the current fiscal year have been appropriately chargeable to funds received under government research contracts; the Department also has to its credit funds accumulated in collections of indirect costs charged against government research contracts.

I concur.

On motion of Mr. Swain, the construction of this building was authorized, and the recommended assignments of funds were made by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

HOUSING REVENUE BONDS OF 1958

(13) The Vice-President and Comptroller recommends the adoption of the following resolution, and I concur:

Resolved, that the Board of Trustees of the University of Illinois hereby ratifies all acts, conditions, and things done at the meetings of the Board of Trustees held on October 23, 1958, November 19, 1958, December 17, 1958, January 20, 1959, and at all other meetings during the period from January 1, 1956, up to the present date, and also ratifies all acts done and performed by the officials of said Board all in connection with the issuance of \$3,150,000 Housing Revenue Bonds of 1958, Series A and B of the Board of Trustees of the University of Illinois dated October 1, 1958.

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

CONTRACT FOR EQUIPMENT FOR SNACK BAR AND SERVICE BUILDING FOR MEN'S RESIDENCE HALLS

(14) The Director of the Physical Plant and the Vice-President and Comptroller recommend the award of a contract for \$28,156.20 to Servco Equipment Company, St. Louis, Missouri, for food service equipment and its installation in the Snack Bar and Service Building for the Men's Residence Halls.

Funds are available in the proceeds of "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1958, Series A and B."

The invitations to bidders included the standard reservation by the University of the right to reject any or all bids, and to accept the bid or bids deemed most favorable to the University. Although the Servco Equipment Company is the second lowest bidder — the difference between its bid and that of the lowest bidder being only \$6.20 — it is nevertheless recommended because of the quality of its equipment installations elsewhere. Submitted herewith is a supporting statement from the Physical Plant Department, 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, as recommended, by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs.

Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

CONTRACT FOR REMODELING ELECTRICAL ENGINEERING ANNEX

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of the following contracts for remodeling of the Electrical Engineering Annex to provide for a bioacoustics laboratory. The award in each case is to the lowest bidder.

General — C. H. Langman and Son, Rock Island.....\$ 52 953
Electrical — Potter Electric Service, Inc., Urbana..... 51 677
Mechanical — Schroeder and Sons, Champaign..... 111 868

Funds in the amount of \$139,173 are available in a federal grant received by the University under the Health Research Facilities Act and in matching funds provided by the University of the same amount, a total of \$278,346.

Submitted herewith is a report from the Physical Plant Department giving the complete list of the bidders, a copy of which is hereby filed with the Secretary of the Board for record.

I recommend approval.

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

CONTRACT FOR ENGINEERING SERVICES ON SEWERS AND WATER MAIN PROJECTS

(16) The building program at Urbana-Champaign projected for 1959-61 includes the following storm and sanitary sewers and water main projects needed to service the proposed new buildings:

Estimated Costs

Sanitary sewer on Green Street from Mathews Avenue to the west side of Illini Union Building.....	\$ 39 600
Sanitary sewer — rerouting main campus outlet from south side of Illini Union Building to Mathews Avenue interceptor.....	40 000
Sanitary sewers on First Street and Fourth Street from Peabody Drive to Florida Avenue.....	23 100
Water main on First Street from Florida Avenue to St. Mary's Road.....	14 300
Rerouting twelve-inch water main at Illini Union Building.....	40 000
Storm sewer, Florida Avenue lateral from approximately 60 feet east of Fourth Street, west along Florida Avenue, to a distance approximately 1,250 feet west of First Street, and then South from Florida Avenue approximately 4,800 feet to the Embarrass River.....	500 000

Bids will be received on February 20 on the construction of the Assembly Hall and in August on the Illini Union Building addition. It is necessary therefore that engineering work on the sewer and water main projects be started promptly. The Physical Plant Department can not do this planning work without adding to its staff and this is not feasible in view of the temporary nature of the services.

The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of a contract with Wilson and Anderson, Urbana-Champaign, for engineering services on these projects, including the preparation of complete plans and specifications and detailed estimates of costs, and general supervision of construction but excluding services of a resident engineer, on the basis of the standard schedule of minimum fees adopted by the Illinois Society of Professional Engineers and the Illinois Association of Consulting Engineers. The total estimated cost of engineering services for these projects is approximately \$36,490 and the estimated cost for services of a resident engineer for field inspection, if requested, will be \$8,000.

Funds in the amount of \$25,850 are available in the state appropriations to the University for 1957-59 for buildings and other capital improvements. The contract will provide for its termination if additional funds are not available

and for payment for services rendered to the date of termination but not to exceed \$25,850.

Submitted herewith is a statement from the Physical Plant Department giving the details of this proposal and the terms of the contract and a copy is filed with the Secretary of the Board for record.

This recommendation has previously been considered by the Committee on Buildings and Grounds which is prepared to support it.

I concur.

On motion of Mr. Swain, this contract was authorized, as recommended, by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

**CONTRACTS FOR ENGINEERING SERVICES ON ADDITIONS
TO THE ABBOTT POWER PLANT AND FOR EXTENSIONS
OF UTILITIES DISTRIBUTION SYSTEM**

(17) The 1959-61 building program includes the following additions to the Abbott Power Plant to service existing and proposed new buildings:

Estimated Costs

Boiler No. 6—a 150,000 lb./hour steam generator.....	\$2 050 000
Turbine No. 7—a 7,500 kw. electric generator.....	1 995 000

This additional generating capacity is required regardless of how many buildings are included in the 1959-61 program and it will take two years for the fabrication and installation of this equipment. It is therefore necessary that engineering work be undertaken promptly to complete the installations within the biennium.

The building program projected for 1959-61 also includes the following extensions of the steam and electrical distribution systems required to service the proposed new buildings:

Estimated Costs

Steam tunnel on Oak Street from Peabody Drive extended south to the south side of Florida Avenue and east to the approximate mid-point between First Street and Fourth Street to serve the Assembly Hall and other development proposed in this area.....	\$ 925 000
Steam tunnel from the Natural History Building-Noyes Chemistry Laboratory tunnel west to the existing tunnel north of the Administration Building to serve the Illini Union and other buildings in this area.....	300 000
Steam conduit from the end of the tunnel on Florida Avenue, referred to above, south to the Assembly Hall.....	40 000
Electric conduit, manholes, cable, and switchgear in load center to serve the Assembly Hall.....	41 000
Rerouting main campus feeder conduit and cables between Illini Union addition and Harker Hall, including conduit, manholes and cable to serve the Illini Union Building addition.....	50 000
Load center vault in the vicinity of Sixth Street and Gregory Drive, including conduit, manholes, cable, and switchgear to the Education Building.....	180 000
Engineering service to complete plans and specifications for electric distribution center and load center to be located north of the Stock Pavilion, including conduit, manholes, cable, and switchgear which will eventually serve the women's residence halls, the Education Building, and the Plant Sciences Building	(588 000)

The cost of engineering services for completion of plans and specifications up to the receipt of bids for this is approximately \$30,000.

Bids will be received on February 20, 1959, on the construction of the Assembly Hall and in August on the construction of the addition to the Illini Union Building. It is therefore necessary that engineering work on the above listed projects be started soon in order to maintain construction schedules.

The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of contracts with Sargent and Lundy, Consulting Engineers, Chicago, for engineering services on the additions to the Abbott Power Plant and the extensions of the steam and electrical distribution systems, these services to include preparation of complete plans and specifications and detailed estimates of costs, and general supervision of construction. This firm furnished the engineering services for the construction of the Abbott Power Plant, the first major extension of the steam and electrical distribution systems, and on subsequent additions and extensions. Its charges for the engineering services now recommended will be on the same basis and terms as charges for the previous work done for the University. Submitted herewith are memoranda from the Physical Plant Department giving the complete details of the two proposals and the terms of the contracts, and copies are being filed with the Secretary of the Board for record.

Funds are available in the state appropriations to the University for 1957-59 for buildings and other improvements in the amount of \$20,000 for the engineering services on the Abbott Power Plant additions and in the amount of \$70,000 for the engineering services on the extension of the steam and electrical distribution systems. The contracts will provide that they may be terminated by the University in the event additional funds are not made available and that Sargent and Lundy will be paid for actual services rendered up to the time of termination but not to exceed \$20,000 for the work on the Power Plant addition and \$70,000 for the work on the extensions of the steam and electrical distribution systems.

These recommendations have previously been considered by the Committee on Buildings and Grounds which is prepared to support them.

I concur.

On motion of Mr. Johnston, these contracts were authorized by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

CONTRACT WITH SPACE UTILIZATION ANALYSIS, INC.

(18) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the University contract with Space Utilization Analysis, Inc. (Space Utilization Analysis for Government, Industry, and Education), New York, to make a survey, study, and analysis of certain physical plant requirements of the Chicago Undergraduate Division in its new location. Payment for services will be on the basis of the standard hourly rates charged by this organization, the total amount not to exceed \$7,850; plus reimbursement of the Company for transportation and living expenses of officers and staff engaged in this survey, this item not to exceed \$850.

Funds are available in the state appropriations to the University for 1957-59 for buildings and permanent improvements.

The Committee on Buildings and Grounds has considered this proposal and is prepared to support the recommendation.

I concur.

On motion of Mr. Williamson, this contract was authorized.

STEAM SERVICE FOR INSTITUTIONS IN MEDICAL CENTER DISTRICT

(19) The steam for University of Illinois buildings in the Medical Center District is produced by the Medical Center Steam Company, a separate corporation authorized by the Medical Center Commission to operate a steam plant in the District to serve the University and other institutions in that area. Under an agreement with the Commission (this was one of the basic considerations in securing its cooperation in the organization of the Medical Center Steam Company and authorization to operate a steam plant in the Medical Center District), the University also furnishes steam produced by the Company to any other government agency, charitable institution, or other institution located in the District upon its application and upon certification by the Commission that the

agency or institution is a qualified applicant for steam service, subject to the availability of an adequate steam supply.

In accordance with this policy, the Director of the Physical Plant, the Vice-President in charge of the Chicago Professional Colleges, and the Vice-President and Comptroller recommend authorization of agreements with the Chicago Foundlings Home, the Chicago Medical School, and the Pediatrics Hospital for the Mentally Deficient (a State Department of Public Welfare institution) for steam service to be supplied by the Medical Center Steam Company to buildings being constructed or to be constructed by these institutions in the Medical Center District. The contracts will include the following terms and conditions:

1. The University will furnish steam to these agencies on the basis of a maximum demand which is well within the capacity of the present plant and the additions being constructed under previous authorizations of the Board of Trustees.
2. The agencies will pay the University the cost of the portion of the capital facilities needed to produce steam to the extent called for in the contracts. These payments will be immediately paid by the agencies upon signing of the contracts or installments over the life of the contracts, in which case the agencies will also pay all interest and incidental charges incurred by the University in financing the facilities. Any amounts paid by the agencies representing a portion of the capital facilities will be immediately paid by the University to the Medical Center Steam Company as special amortization payments, thus reducing the indebtedness on the steam plant and the interest cost.
3. The agencies will be billed for steam furnished at a rate which shall cover all wages and other expenses of the steam company applicable to the production of steam plus an appropriate overhead charge of such costs to the Chicago Foundlings Home and the Chicago Medical School.
4. The agencies with whom the University is contracting will provide and install in their buildings steam flow and condensate meters of a type and size approved by the University. Title to these meters will be conveyed by the agencies to the Medical Center Steam Company.
5. These agencies will either construct at their own expense or request the Medical Center Steam Company to construct the steam distribution and condensate return systems necessary to carry steam to their buildings. If the agencies request the Medical Center Steam Company to construct or construct their own distribution and return system in accordance with plans and specifications approved by the University, the title to such facilities will be conveyed by the agencies to the Medical Center Steam Company and become a part of the steam plant to be operated and maintained by the steam company. If an agency constructs the necessary steam distribution and condensate return system under conditions not approved by the University, such facilities so constructed will not become a part of the Medical Center Steam Company and the responsibility for the operation and maintenance will be retained by the agency.
6. The University will be released from liability for any loss, damage, or injury caused by leakage, escape, or presence of steam vapor or water on the premises of the agency.
7. The contracts may not be assigned by the agencies without written consent of the University.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute these contracts after approval of the same by the Legal Counsel.

On motion of Mrs. Watkins, this recommendation was approved.

CITY OF URBANA STORM DRAINAGE IMPROVEMENTS

(20) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Comptroller and the Secretary of the Board of Trustees be authorized to notify the city of Urbana that the University will contribute its share of the cost of proposed storm drainage improvements which will also serve University property south of Florida Avenue and north of Springfield

Avenue, providing a local bond issue is approved, subject to the following conditions:

1. The potential storm drainage areas are specifically defined.
2. Neither the City nor the University will extend their respective drainage areas beyond those so defined.
3. The University's contributions will be determined by an independent engineering appraisal and evaluation of benefits to the City and the University, subject to approval of the same by the University, and such contributions shall be based on the actual cost of the work.
4. The city of Urbana will assume full responsibility and liability for a design to direct the flow of storm water runoff to the appropriate watershed.
5. Plans and specifications will be submitted for review and approval of the University prior to the award of contracts.
6. University contributions for its share of the cost may, at its option, be spread over a period not to exceed ten years with the further understanding that such contributions will be subject to the availability of funds and under the limitations provided by the statutes.

There is submitted herewith a supporting statement prepared by the Physical Plant Department giving further details about these improvements, and a copy is being filed with the Secretary of the Board for record.

I concur.

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

PURCHASES

(21) 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 bid.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
32 laboratory incubators, 18 in. x 27 in. x 18 in. (inside measurements); range room to 60°C temperatures	Bacteriology	Hospital Equipment Corp., Chicago	\$6 348 00 f.o.b. delivered
Eight laboratory water bath units, 13 in. x 12 in. x 7 in., range room to 100°C temperatures; 115 volts, 50-60 cycle			
One centrifuge laboratory refrigerated, with controls, super-speed 34° angle rotor, high-speed 28° angle rotor, and modified horizontal throw rotor for 50 and 15 ml tubes	Chemistry and Chemical Engineering	Ivan Sorvall, Inc., Norwalk, Conn.	2 653 82 f.o.b. Norwalk, Conn.
One analog-to-digital computer	Electrical Engineering	Electronic Computer Co., Conshohocken, Pa.	2 845 00 f.o.b. delivered
Four Hewlett-Packard type 130-B, 300 kc oscilloscopes with PL screen, cabinet mount	Electrical Engineering	Hewlett-Packard Co., c/o Crossley Associates, Inc., Chicago	2 600 00 f.o.b. Palo Alto, Calif.
Ten type 16-6H dual operational amplifiers with 12 conversion sets, and two each type 26-7N (13) and 26-7N (16) servo multipliers	Electrical Engineering	Electronic Associates, Inc., Long Branch, N.J.	11 200 00 f.o.b. Long Branch, N.J.
Consulting engineering services for Radio Astronomy project of the Office of Naval Research; this is a continuation of services required for contract research approved by the Board of Trustees, September 30, 1958	Electrical Engineering	Hanson, Collins, & Rice, Springfield	10 000 00 (maximum)
One spectrophotometer, recording, infrared, complete for use on 105-120 volt, 60 cycle	Entomology	The Perkin-Elmer Corp., Chicago	4 213 00 f.o.b. Norwalk, Conn.
Nuclear reactor grade graphite to be fabricated as directed by the Department of Physics	Physics	National Carbon Co., Chicago	19 810 00 f.o.b. Cleveland, Ohio
100,000 Mysoline tablets, 0.25 gram	Hospital Pharmacy	Ayerst Laboratories, Chicago	2 658 00 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One special rectifier transformer, three single phase units in one case	Radio Station	Westinghouse Electric Corp., Peoria	\$3 606 00 f.o.b. Sharon, Pa., with freight allowed
33,750 square feet $\frac{3}{8}$ in. asphalt tile — C color	Housing Division	Coleman Floor Co., Chicago	3 339 47 f.o.b. delivered
160,000 32-pound brown Kraft gummed flap clasp envelopes, sizes as specified	Office Supply Stores	Marvin Envelope & Paper Co., Chicago	2 656 05 delivered
120,000 24-pound brown Kraft gummed flap catalog envelopes, sizes as specified			
Laboratory furniture for Electrical Engineering Annex	Physical Plant	Duralab Equipment Corp., Brooklyn, N.Y.	5 260 00 f.o.b. Urbana
Ten four-door sedans	Physical Plant	Courtesy Motors, Inc., Chicago (Ford)	
Eight four-door station wagons	Storeroom	Nine sedans	6 864 00
One two-door station wagon	Agricultural	One truck	1 498 23
One one-half ton truck	Entomology	University Ford Sales, Inc., Champaign	
Less trade-in allowance for nine four-door sedans; two four-door sedans; one 1953 three-fourths ton pick-up truck; and one 1955 two-door station wagon		One sedan	1 944 47
		Two station wagons	1 949 22
		Bill Murray Chevrolet, Inc., Monticello	
		Six station wagons	14 478 78
		One station wagon	1 453 77
		All prices are f.o.b. delivered	(28 188 47)

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

PURCHASE OF INTRAVENOUS SOLUTIONS AT THE RESEARCH AND EDUCATIONAL HOSPITALS

(22) The Board of Trustees on May 29, 1958, approved a recommendation for the purchase of intravenous fluids and administration kits as required in the Research and Educational Hospitals during the period July 1, 1958, to June 30, 1959, from Abbott Laboratories, the lowest bidder, at an estimated cost of \$36,323.33 for the year. Bids were taken on a cost-per-unit basis. The transaction provides for renewal of the order for one year by mutual agreement.

A development in the use of intravenous fluids has resulted in a larger use of smaller bottles of fluid of a capacity of 100 and 250 c.c. rather than 500 and 1,000 c.c., and this has had wide acceptance. Because of this development and the increased use of intravenous solutions during the first six months of 1958-59, the cost for the year is now estimated at \$52,000. Accordingly, the Medical Director of the Hospitals, the Vice-President in charge of the Chicago Professional Colleges, and the Vice-President and Comptroller recommend authorization of an increase in the present order from \$36,323.33 to \$52,000.

I concur.

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

COMPTROLLER'S REPORT OF CONTRACTS

(23) The Comptroller's report of contracts executed during the period January 1 to 31, 1959.

<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)-6176	Interaction of dissolved interstitial atoms with dislocations	\$15 561 00	February 1, 1959
United States Air Force AF 49(638)-528	Properties of insulating and conducting solids	44 000 00	September 1, 1959
United States Army DA19-129-QM-1332	Techniques for the objective description of freeze-dehydrated cooked beef	12 000 00	December 15, 1958
United States Army DA-22-079-ENG-238	Dynamic bearing capacity of soils	26 950 00	November 1, 1958
United States Atomic Energy Commission AT(11-1)-706	Effect of phenol ethers on lesions of the skin produced by beta radiations	15 000 00	January 26, 1959
United States Navy Nobs-77008	Low-cycle, high-stress fatigue behavior of materials and structural components of steels typical of ship application	20 000 00	August 15, 1958

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Navy Noba-77012	Determine hydrogen embrittlement tendencies of propeller, shaft, and hull metals as related to cathodic protection	\$24 925 00	August 21, 1958

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
New Holland Machine Co.	Two No. 330 manure spreaders with 20 in. rims	\$ 143 50 annually	November 17, 1958

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	\$ 2 500 00	January 1, 1959
Allied Chemical Corp., Nitrogen Division	Mobility and transformations of nitrogen compounds in soils and the efficiencies of the nitrogen compounds in crop production	2 500 00	September 1, 1958
National Warm Air Heating & Air Conditioning Association	Heating, ventilating, and air conditioning as related to warm air furnace heating	37 000 00	January 1, 1959
State of Illinois State Housing Board	Proposed planning programs for Illinois municipalities of less than 25,000 population	7 000 00	December 31, 1958
United States Air Force AF33(616)-5153	Brittle transition in metals	50 300 27	November 15, 1958
United States Air Force AF49(638)-63	Transistor-RC network synthesis	22 279 00	October 16, 1958
United States Air Force AF49(638)-212	Metallic properties of titanate semiconductors	22 296 00	November 10, 1958
United States Atomic Energy Commission AT(11-1)-314	Boron-containing dyes in invivo experiments on mice with glioblastoma tumors	7 990 00	December 24, 1958
United States Navy Nonr-1834(13)	Use of pure quadrupole spectroscopy of electron distribution in molecules	34 000 00	November 24, 1958
United States Navy Nonr-1834(15)	Design and development of selected computer components	10 000 00	December 5, 1958

Adjustments Made in 1958-59 Cost-Plus Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Twenty items; \$30.00 to \$360.00	\$ 1 697 00	December, 1958, and January, 1959

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(24) The Comptroller presents his quarterly report to the Board as of December 31, 1958.

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

RECOMMENDATION OF THE UNIVERSITY PATENT COMMITTEE

(25) 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.

Filipin, a new antifungal antibiotic—David Gottlieb, Professor of Plant Pathology; H. E. Carter, Professor of Biochemistry; and Alfred Ammann, postdoctoral assistant (1954), inventors. On May 15, 1954, the Board of Trustees transferred this invention to the University of Illinois Foundation for further development. The Foundation negotiated an agreement with the Upjohn Company whereby that corporation advanced funds to develop the discovery and apply for a patent. This agreement specifies that the Foundation is to receive a

percentage of the sales of this antibiotic. It now appears that such income will be forthcoming in the near future.

The University statutes provide that the University Patent Committee shall recommend the percentage of income thus received to be paid to the inventors. The Patent Committee recommends that 15 per cent of the net income thus received should be paid to the inventors, the distribution of such income among the inventors to be their decision.

I concur in this recommendation.

Mr. Bissell, for the Committee on Patents, reported that the Committee also concurs in this recommendation, and on his motion, it was approved.

COMMUNICATION FROM MAYOR RICHARD J. DALEY

At this point Mr. Ira J. Bach, Commissioner of City Planning of Chicago, and Mr. Clifford Campbell, Deputy Commissioner, appeared at the Board meeting with a letter from Mayor Richard J. Daley, addressed to the President of the University, urging that the selection of a site for the Chicago Undergraduate Division be deferred, and inviting the Trustees to confer with him on this matter. Mr. Bach suggested that in view of this invitation the Board might wish to consider the action previously taken on site selection.

It was the consensus of the Board that the action already taken should not be rescinded but that arrangements for a conference of the Committee on General Policy with Mayor Daley should be made as soon as possible.

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, MARY J. N., Research Assistant in Bacteriology, February 1-June 15, 1959, \$420 a month (1-29-59).

ALLISON, OLAF W., Assistant in the Division of Anesthesiology (Surgery) (Medicine), seven months from December 1, 1958, without salary (1-5-59).

ANDERSON, ALAN J., Research Associate in Preventive Medicine (Medicine), one year from January 1, 1959, \$8040 (2-2-59).

ANDERSON, DAVID H., Research Assistant in Chemistry, one month from January 1, 1959, \$400, supersedes (1-8-59).

BEJNAROWICZ, ELWINA A., Assistant in Chemistry (Pharmacy), January 1-June 15, 1959, \$400 a month, supersedes (1-5-59).

BELFORD, MRS. GENEVA G., Research Associate in Chemistry, seven months from February 1, 1959, \$6000 a year, supersedes (1-21-59).

BENZIMAN, MOSHE, Research Associate in Chemistry, eight months from January 1, 1959, \$5370 a year (1-21-59).

BERGERON, CLIFTON G., Research Associate in Ceramic Engineering (S), January 15-August 31, 1959, \$8500 a year, supersedes (1-5-59).

BLUM, ELEANOR, Journalism Librarian, with rank of Instructor, seven months from February 1, 1959, \$6320 a year, supersedes (1-5-59).

BLYTH, COLIN R., Professor of Mathematics, indefinite tenure beginning September 1, 1959, to render service during each academic year, \$11,000 a year (1-17-59).

CALENOFF, LEONID, Assistant in Radiology (Medicine), eight months from January 1, 1959, without salary (2-2-59).

CARO, MARCUS R., Research Associate in Oral Pathology (Dentistry), 1/10 time, seven months from February 1, 1959, \$58.33 a month (1-29-59).

- CULP, ROBERT W., Assistant Dean of Men, $\frac{1}{2}$ time, four months from February 1, 1959, \$266.66 a month, and on full time, three months from June 1, 1959, \$533.34 a month, supersedes (1-26-59).
- DAUGHERTY, MRS. MARILYN, Chemistry Library Assistant, seven months from February 1, 1959, \$4750 a year, supersedes (1-5-59).
- DENNEN, DAVID A., Research Assistant in Biological Chemistry (Medicine), eight months from January 1, 1959, \$4400 a year (2-2-59).
- DEWIT, ROLAND, Research Associate in Physics (C), seven months from February 1, 1959, \$6000 a year, supersedes (1-19-59).
- DRABLOS, CARROLL J. W., Research Associate in Agricultural Engineering (S), January 15-August 31, 1959, \$6200 a year (2-2-59).
- EAKIN, FRANZY, Lecturer in Management, February 1-June 15, 1959, \$777.77 a month, supersedes (1-17-59).
- ERIKSEN, CHARLES W., Associate Professor of Psychology, August 16-August 25, 1958, \$412.70 for the period; this is in addition to his present appointment (1-13-59).
- FISHER, DONALD R., Assistant in Theoretical and Applied Mechanics (C), February 1-June 15, 1959, \$422.22 a month, supersedes (1-26-59).
- FISHER, ROGER J., Research Assistant in Sociology, eight months from January 1, 1959, \$4400 a year (1-15-59).
- FORREST, RALPH L., Assistant in Farm Management (Agricultural Economics) (S), January 19-August 31, 1959, \$5200 a year (1-5-59).
- FOX, RONALD E., Instructor in Medicine (Medicine), $\frac{1}{2}$ time, eight months from January 1, 1959, \$4750 a year, supersedes nonsalaried appointment (1-21-59).
- FRYE, CHARLES, Assistant in Radiology (Medicine), nine months from December 1, 1958, without salary (1-5-59).
- GARWOOD, CHRISTINA, Assistant in Veterinary Pathology and Hygiene (Veterinary Medicine) and in Veterinary Research (Agricultural Experiment Station), March 16-August 31, 1959, \$4400 a year (1-28-59).
- GEORGIU, GEORGE T., Physician in the Health Service (Chicago Professional Colleges), $\frac{1}{2}$ time, January 14-August 31, 1959, \$1920 a year (2-2-59).
- GOLDSTEIN, HAROLD, Visiting Lecturer in Library Science, $\frac{1}{2}$ time, to render service during the second semester of the academic year, February 1-June 15, 1959, \$2500 (1-6-59).
- GRIER, EPHRAIM A., Clinical Instructor in Obstetrics and Gynecology (Medicine), eight months from January 1, 1959, without salary (1-5-59).
- GRUBERT, HEINRICH, Research Associate in Chemistry, February 15-August 31, 1959, \$447.50 a month (1-5-59).
- HAEBICH, ARTHUR T., Research Associate in Anatomy (Medicine), nine months from December 1, 1959, without salary (1-5-59).
- HARE, MRS. ALICE P., Instructor in Home Economics 4-H Club Work (E), January 6-August 31, 1959, \$5500 a year (1-17-59).
- HEATER, NANCY, Architecture Library Assistant, seven months from February 1, 1959, \$4750 a year, supersedes (1-5-59).
- HOSPODAR, EMIL W., Assistant Professor of Medical and Dental Illustration, Illustration Studios (Chicago Professional Colleges), eight months from January 1, 1959, \$8500 a year, supersedes (1-15-59).
- HUBER, EDWARD A., Research Associate in the Control Systems Laboratory (S), seven months from February 1, 1959, \$7200 a year, supersedes (1-17-59).
- ICHIMURA, SHOJI, Research Associate in Botany, $\frac{3}{4}$ time, seven months from February 1, 1959, \$4400 a year (2-3-59).
- JACKSON, DONALD D., Editor, with rank of Professor (University Press), indefinite tenure beginning February 1, 1959, \$11,000 a year, supersedes (1-21-59).
- JACOBSON, MARCUS A., Assistant in Psychiatry (Medicine), one year from July 1, 1958, without salary (1-5-59).
- JANN, KLAUS, Research Associate in Chemistry, one year from January 16, 1959, \$5370, supersedes (2-3-59).
- JANOWSKI, MARY D., Research Assistant in Bacteriology, February 2-June 15, 1959, \$400 a month (2-3-59).
- KAHN, HERBERT, Research Associate in Clinical Science (Medicine), 65/100 time, nine months from December 1, 1958, \$3600 a year, supersedes nonsalaried appointment (1-17-59).

- KAWASAKI, MASAKO, Research Assistant in Biological Chemistry (Medicine), nine months from December 1, 1958, \$4400 a year (1-13-59).
- KLEIN, KURT, Instructor in Russian, February 1-June 15, 1959, \$600 a month, supersedes (2-2-59).
- KONA, MRS. MARTHA, Cataloger, with rank of Instructor, in the Library of Medical Sciences (Chicago Professional Colleges), seven months from February 1, 1959, \$5400 a year, supersedes (1-22-59).
- KOWITZ, ALETHA, Circulation and Reference Assistant, with rank of Instructor, in the Library of Medical Sciences (Chicago Professional Colleges), seven months from February 1, 1959, \$5900 a year (1-21-59).
- LANDIS, MARTHA, Undergraduate Library Assistant, seven months from February 1, 1959, \$4500 a year, supersedes (1-5-59).
- LAUTENBERGER, WILLIAM W., Research Associate in the Department of Pedodontics (Dentistry), \$160 a month, and Pedodontist to the Cleft Palate Training Program (Division of Services for Crippled Children), without salary, $\frac{2}{3}$ time, January 15-August 31, 1959 (2-2-59).
- LEVINE, LAWRENCE, Clinical Instructor in Obstetrics and Gynecology (Medicine), eight months from January 1, 1959, without salary (1-13-59).
- LICHTENBERGER, WILLIAM W., Research Associate in the Control Systems Laboratory on $\frac{3}{4}$ time, and in Electrical Engineering on $\frac{3}{4}$ time (C and S), February 1-June 15, 1959, and Research Associate in the Control Systems Laboratory (S), full time, June 16-August 31, 1959, \$4200, supersedes (2-2-59).
- LIS, EDWARD F., Acting Director of the Division of Services for Crippled Children, from February 1, 1959, and continuing until the effective date of appointment of a Director, \$165 a month; this is in addition to his present appointment as Associate Professor of Pediatrics (Medicine, Division of Services for Crippled Children), indefinite tenure, \$12,600 a year, and as Director of the Center for Handicapped Children (Research and Educational Hospitals) (1-29-59).
- LOEWY, ARTHUR, Assistant Professor of Otolaryngology (Medicine), $\frac{1}{2}$ time, eight months from January 1, 1959, \$3520 a year, supersedes nonsalaried appointment (1-9-59).
- MACKOWIAK, RICHARD J., Registered Pharmacist in Hospital Pharmacy (Research and Educational Hospitals, Pharmacy), eight months from January 1, 1959, \$5600 a year (1-5-59).
- McMAHAN, DONALD L., Assistant in Animal Science (S), eight months from January 1, 1959, \$4800 a year (1-28-59).
- NAKABAYASHI, NICHOLAS T., Assistant in Dairy Science (S), seven months from February 1, 1959, \$4800 a year (1-13-59).
- NORA, JOSEPH R., Instructor in Medicine (Medicine), $\frac{1}{2}$ time, eight months from January 1, 1959, \$4750 a year, supersedes nonsalaried appointment (1-26-59).
- NORSEN, JEANNETTE, Research Assistant in Preventive Medicine (Medicine), seven months from February 1, 1959, \$5200 a year, supersedes (1-5-59).
- NOTANI, G. W., Research Associate in Chemistry, four months from January 1, 1959, \$447.50 a month (1-21-59).
- OOSTMEYER, PAUL A., Instructor in English (Pharmacy), six months from January 1, 1959, \$3000 (1-26-59).
- OTIS, JACK, Associate Professor of Mental Health and Psychiatric Social Work Supervisor (Health Service), $\frac{1}{2}$ time, June 10-August 14, 1959, \$588.88 for the period; this will be in addition to his 1959 Summer Session contract (1-17-59).
- PATTERSON, VIRGINIA N., Assistant Professor of Radiology (Medicine), eight months from January 1, 1959, \$9500 a year, supersedes nonsalaried appointment (12-31-58).
- PAUL, JOY C., Research Associate in Pharmacology (Medicine), on 65/100 time, six months from January 1, 1959, \$320 a month (1-5-59).
- PENEV, LUBEN C., Clinical Assistant in Medicine (Medicine), November 17, 1958-August 31, 1959, without salary (1-15-59).
- RASMUSSEN, MRS. LORE M., Research Associate in Education (University High School), January 1-June 15, 1959, \$593.33 a month, supersedes (1-28-59).
- ROBB, DAVID C. N., Research Associate in Civil Engineering (C and S), February 1-June 15, 1959, \$2350, supersedes (1-17-59).

- RODGERS, FRANCIS, Assistant Reference Librarian, with rank of Instructor, February 16-August 31, 1959, \$5370 a year (1-17-59).
- ROWLEY, JANET D., Clinical Instructor in Neurology and Neurological Surgery, Epilepsy (Medicine), 9/10 time, January 5-August 31, 1959, \$6720 a year, supersedes (2-2-59).
- SHANNON, ROBERT D., Research Associate in Ceramic Engineering (S), seven months from February 1, 1959, \$5760 a year (1-5-59).
- SHAUNESSY, JOANNE D., Assistant Psychometrist in the Student Counseling Service (Chicago Undergraduate Division), $\frac{3}{5}$ time, seven months from February 1, 1959, \$1840 a year (2-2-59).
- SHEAGREN, JOHN W., Clinical Instructor in Medicine (Medicine), December 31, 1958-August 31, 1959, without salary (1-5-59).
- SMITH, ROBERT, Research Assistant in Biological Chemistry (Medicine), eight months from January 1, 1959, \$4800 a year, supersedes (1-16-59).
- STEPHENS, RALPH I., Assistant in General Engineering, $\frac{2}{3}$ time, and Research Assistant in Theoretical and Applied Mechanics, $\frac{1}{3}$ time (C), February 1-June 15, 1959, \$500 a month, supersedes (1-13-59).
- TESI, GIORGIO, Research Associate in Chemistry, one year from February 1, 1959, \$6000 (1-21-59).
- THOMPSON, CHARLES L., Assistant Dean of Men, $\frac{1}{2}$ time, four months from February 1, 1959, \$800 (1-26-59).
- VIDEKA, MICHAEL A., Instructor in Applied Materia Medica and Therapeutics (Dentistry), on 7/10 time, February 12-August 31, 1959, \$4550 a year, supersedes (1-21-59).
- WEINBERG, MARILYN G., Assistant in Medicine (Medicine), ten months from November 1, 1958, \$4800 a year, supersedes (1-5-59).
- WELLS, WARREN, Research Assistant in Biological Chemistry (Medicine), eight months from January 1, 1959, \$5000 a year, supersedes (1-16-59).
- WESTMAN, LARS F., Research Associate in Chemistry, one year from March 1, 1959, \$5640 (1-5-59).
- WHITE, ROBERT A., Assistant in Mechanical Engineering (C), February 1-June 15, 1959, \$2200, supersedes (1-16-59).
- WHITENER, ROBERT W., Assistant Professor of Mental Hygiene and Psychiatrist (Health Service), one year from September 1, 1958, \$12,500 (2-2-59).
- WIECZOREK, CASIMER M., Assistant in Pharmacy (Pharmacy), January 1-June 15, 1959, \$400 a month (1-22-59).
- WISEMAN, NEIL E., Research Assistant in the Digital Computer Laboratory, February 1-June 15, 1959, \$422.22 a month, supersedes (1-21-59).
- WISHNER, RICHARD P., Research Associate in the Control Systems Laboratory (S), $\frac{1}{2}$ time, six months from March 1, 1959, \$311.50 a month (2-2-59).
- XERIKOS, JAMES, Instructor in Aeronautical Engineering (C), to render service during the second semester of the academic year, March 1-August 31, 1959, \$3000 (1-26-59).

FELLOW

(The following appointment was made by the President of the University.)

CARON, JAMES L., Francis J. Plym Fellow in Architecture for 1959.

GRADUATE FELLOWS

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

- BAER, DANIEL, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), six months from January 1, 1959, \$60 a month (1-21-59).
- BOND, H. W., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), eight months from January 1, 1959, \$1800 a year, supersedes (1-30-59).
- BRINLING, JOHN C., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), eight months from January 1, 1959, \$2000 a year, supersedes (1-30-59).
- BRITSKY, NICHOLAS, Fellow in Art, three months from June 16, 1959, \$900 (1-5-59).

- BURNETT, CAROLYN N., United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), one year from January 1, 1959, \$2000 (12-31-58).
- BUTWELL, RICHARD, Fellow in Political Science, three months from June 16, 1959, \$900 (1-5-59).
- CARLSON, DONALD O., United States Public Health Service Fellow (Trainee) in Dentistry (Chicago Professional Colleges), eight months from November 1, 1958, \$2250, supersedes (1-15-59).
- CHASE, SAMUEL B., Fellow in Economics, three months from June 16, 1959, \$900 (1-5-59).
- CROPP, FREDERICK W., Fellow in Geology, three months from June 16, 1959, \$900 (1-5-59).
- CROSBY, JAMES O., Fellow in Spanish, three months from June 16, 1959, \$900 (1-5-59).
- DOBEREINER, DAVID A., Fellow in Architecture, three months from June 16, 1959, \$900 (1-5-59).
- ENGLAND, R. W., Fellow in Sociology, three months from June 16, 1959, \$900 (1-5-59).
- FOSTER, GEORGE N., Fellow in Art, three months from June 16, 1959, \$900 (1-5-59).
- FUMENTO, ROCCO, Fellow in English, three months from June 16, 1959, \$900 (1-5-59).
- GENTRY, DAVID K., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, February 1-June 15, 1959, \$900 (1-12-59).
- GERSON, STANLEY J., United States Public Health Service Fellow (Trainee) in Dentistry, January 1-September 14, 1959, \$416.67 a month, supersedes (1-13-59).
- GREENBERG, MICHAEL J., Fellow in Zoology, three months from June 16, 1959, \$900 (1-5-59).
- HALL, BENJAMIN D., Fellow in Chemistry, three months from June 16, 1959, \$900 (1-5-59).
- HOWARD, ALLEN H., Fellow in Psychology (Chicago Undergraduate Division), three months from June 16, 1959, \$900; this is in addition to his present appointment (1-22-59).
- HUNTER, GEORGE, Fellow in Music, three months from June 16, 1959, \$900 (1-5-59).
- JERRARD, RICHARD P., Fellow in Mathematics, three months from June 16, 1959, \$900 (1-5-59).
- JORDAN, MRS. MOREEN C., Fellow in English (Chicago Undergraduate Division), three months from June 16, 1959, \$900; this is in addition to her present appointment (1-22-59).
- KAUFMAN, RICHARD, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), six months from January 1, 1959, \$60 a month (1-21-59).
- MARSHALL, F. JAMES, United States Public Health Service Fellow (Trainee) in Dentistry (Chicago Professional Colleges), January 1-June 13, 1959, \$583.33 a month (1-13-59).
- MARTIN, JAMES C., Fellow in Chemistry, three months from June 16, 1959, \$900 (1-5-59).
- MCGUIRE, WILLIAM J., Fellow in Psychology, three months from June 16, 1959, \$900 (1-5-59).
- PHILLIPS, BERNARD S., Fellow in Sociology, three months from June 16, 1959, \$900 (1-5-59).
- POOR, CHARLES R., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, February 1-June 15, 1959, \$900 (12-31-58).
- QUERESH, MOHAMMED Y., Ford Foundation Postdoctoral Fellow in the Institute for Research on Exceptional Children, seven months from February 1, 1959, \$416.66 a month (2-3-59).
- REDDY, VASUNDER, United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), eight months from January 1, 1959, \$1800 a year, supersedes (1-30-59).
- RUECKERT, WILLIAM H., Fellow in English, three months from June 16, 1959, \$900 (1-5-59).

- STARBUCK, WESLEY C., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), eight months from January 1, 1959, \$3000 a year, supersedes (1-30-59).
- STILLINGER, JACK, Fellow in English, three months from June 16, 1959, \$900 (1-5-59).
- STILLWELL, GARDINER, Fellow in English, three months from June 16, 1959, \$900 (1-5-59).
- SUTFIN, D. C., Fellow in Physiology, three months from June 16, 1959, \$900 (1-5-59).
- TIEBOUT, HARRY M., JR., Fellow in Philosophy, three months from June 16, 1959, \$900 (1-5-59).
- TRIWEDI, MITCHELL D., Fellow in Spanish, three months from June 16, 1959, \$900 (1-5-59).
- WEISSMAN, H. B., Fellow in Physics (Chicago Undergraduate Division), three months from June 16, 1959, \$900; this is in addition to his present appointment (1-22-59).
- WOLSZTYNIAK, HAROLD R., B. B. Rappaport Dental Student Part-time Research Fellow (Trainee) in Dentistry, five months from February 1, 1959, \$80 a month (1-13-59).

RESIGNATIONS

- BROWN, ARNOLD L., Instructor in Pathology (Medicine) — resignation effective February 1, 1959.
- DOMNAS, ARISTOTLE, Research Associate in Psychiatry (Medicine) — resignation effective August 31, 1958.
- DRAKE, ALBERT E., Research Associate in Food Technology — resignation effective March 17, 1959.
- FOKE, MARLOWE D., Instructor in Radio and Television and Supervisor of Television News — resignation effective February 8, 1959.
- FU, MRS. VIOLA, Serials Assistant in the Library — resignation effective February 1, 1959.
- KLUGER, MRS. SONDRRA R., Research Assistant in Medicine (Medicine) — resignation effective December 20, 1958.
- LEDBETTER, KENNETH L., Assistant in English — resignation effective February 1, 1959.
- LEVENTHAL, MRS. CYNTHIA, Catalog Assistant in the Library — resignation effective March 15, 1959.
- MARTIN, NOEL D., Visiting Associate Professor of Dentistry (Dentistry) — resignation effective February 1, 1959.
- MCGARVEY, RAYMOND L., Instructor in Accountancy — resignation effective March 1, 1959.
- MORRELL, WILLIAM E., Professor of Physical Science (Division of General Studies) — resignation effective March 1, 1959.
- MURRAY, ALBERT E., Research Associate in the Control Systems Laboratory — resignation effective February 1, 1959.
- MYERS, JOHN J., Research Associate in the Control Systems Laboratory — resignation effective February 25, 1959.
- PETERSON, SILAS C., JR., Instructor in the Institute of Aviation — resignation effective January 27, 1959.
- PORTER, MRS. LOUISE J., Research Assistant in Chemistry — resignation effective January 17, 1959.
- RICKETTS, LUTHER, JR., Instructor in Electrical Engineering — resignation effective March 1, 1959.
- SCHOONOVER, DAVID M., Hackett Fellow in Agricultural Economics — resignation effective February 1, 1959.
- SHAIN, MRS. LILLIAN, Instructor in Occupational Therapy (Medicine) — resignation effective February 1, 1959.
- STOCKHOLDER, MRS. KATHERINE A., Instructor in English — resignation effective March 1, 1959.
- SWAN, JAMES B., Fellow in Agronomy — resignation effective February 1, 1959.
- TANNENBAUM, PERCY H., Research Assistant Professor of Journalism and Communications — resignation effective March 1, 1959.

- WILSON, MRS. ROBIN S., Assistant in English — resignation effective February 1, 1959.
- ZARATZIAN, VIRGINIA L., Research Associate in Pharmacology (Medicine) — resignation effective March 1, 1959.

LEAVES OF ABSENCE

- BEST, WILLIAM R., Associate Professor of Medicine (Medicine) — leave of absence, without pay, from February 16, 1959, through April 19, 1959, so that he may accept a professional assignment by the Interdepartmental Committee on Nutrition for National Defense on a team which will survey the nutritional status of the army and people of Peru, and also for studies of certain hematologic problems of scientific interest to him.
- CLEARY, EDWARD W., Professor of Law — leave of absence, without pay, during the academic year 1959-60 (September 1, 1959, through August 31, 1960), so that he may accept an appointment as Visiting Professor of Law at Stanford University during that period.
- MCBURNEY, WILLIAM H., Assistant Professor of English — leave of absence for the second semester of the current academic year, 1958-59 (March 1 through August 31, 1959), with pay from March 1 through March 15, 1959, and without pay from March 16 through August 31, 1959, on account of ill health.
- PLESS, MRS. JEAN M., McHenry County Assistant Home Adviser — leave of absence, without pay, February 16, 1959, through March 31, 1959.
- RUINA, JACK P., Associate Professor of Electrical Engineering (C) and Research Associate Professor in the Control Systems Laboratory (S) — leave of absence, without pay, one year from February 1, 1959.
- SHERATT, JANE C., Assistant in Nursing — leave of absence, without salary, two months from January 1, 1959, so that she may complete requirements for the master's degree at the University of Chicago.

DEGREES CONFERRED

The Secretary presented for record the following lists of degrees conferred on February 7, 1959, on recommendation of the Urbana Senate and by authority of the Board of Trustees, and at the Chicago Professional Colleges on the date indicated.

Summary

Degrees in the Graduate College, conferred at Urbana:

Doctor of Philosophy.....	70
Doctor of Education.....	5
Master of Arts.....	47
Master of Science.....	183
Master of Music.....	4
Master of Education.....	52
Master of Fine Arts.....	1
Master of Laws.....	1
Master of Architecture.....	1
Master of Television.....	1
Advanced Certificate in Education.....	2
<i>Total, Graduate College.....</i>	<i>(367)</i>

Degrees in Law, conferred at Urbana:

Bachelor of Laws.....	23
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Baccalaureate Degrees, conferred at Urbana:

Bachelor of Science, College of Agriculture.....	62
Bachelor of Science, College of Engineering.....	287
Bachelor of Arts, College of Liberal Arts and Sciences.....	90
Bachelor of Science, College of Liberal Arts and Sciences.....	82
Bachelor of Science, College of Education.....	46
Bachelor of Science, College of Commerce and Business Administration.....	123
Bachelor of Science, College of Journalism and Communications.....	33
Bachelor of Architecture, College of Fine and Applied Arts.....	42
Bachelor of Fine Arts, College of Fine and Applied Arts.....	21
Bachelor of Music, College of Fine and Applied Arts.....	4

Bachelor of Science, College of Fine and Applied Arts.....	16
Bachelor of Science, College of Physical Education.....	28
Bachelor of Science, Division of Special Services for War Veterans...	42
<i>Total, Baccalaureate Degrees.....</i>	<i>(876)</i>
<i>Total, Degrees Conferred at Urbana.....</i>	<i>(1,266)</i>
Degrees in Pharmacy, conferred at Chicago:	
Bachelor of Pharmacy.....	<u>1</u>
<i>Total, Urbana and Chicago.....</i>	<i>1,267</i>

Degrees Conferred at Urbana

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Accountancy

RUDOLPH WALTER SCHATTKE, B.S., M.S., 1953, 1954
TOM GUTHRIE SECOY, B.S., University of Arkansas, 1936; M.S., 1947

In Agricultural Economics

WALTER LAVON WILSON, B.S., M.S., 1949, 1952

In Agronomy

MUHAMMAD IQBAL, B.S., University of the Panjab, 1952; M.S., 1957
JOHN LETEY, JR., B.S., Colorado State University, 1955

In Animal Nutrition

TARA RAO, B.S., University of Madras, 1951; M.S., University of Bombay, 1954

In Bacteriology

MARY JANE NEAL ADAMS, A.B., Earlham College, 1951; M.S., Purdue University, 1954
DAVID HIRSCH EZEKIEL, B.S., University of Maryland, 1948
A. K. M. MAHBOOBUR RAHMAN, B.S., M.S., University of Dacca, 1951, 1952; M.S., 1957

In Botany

GARY YOSHINORI KIKUDOME, B.S., M.S., University of Michigan, 1949, 1950

In Chemistry

DAVID HAMEL ANDERSON, B.S., Northwestern University, 1953; A.M., Harvard University, 1955
GERALD ROBERT BAKKER, A.B., Calvin College, 1955
DONALD JAMES CASEY, B.S., Yale University, 1955
JAMES LOVE FEDRICK, B.S., M.S., University of Arizona, 1953, 1955
WILLIAM EMMETT GARRISON, JR., B.S., Juniata College, 1955
JEROME ALLEN GOURSE, B.S., Virginia Polytechnic Institute, 1950; M.S., University of Delaware, 1951
JOHN ROBERT LARSON, A.B., Albion College, 1955
DONALD EDWARD MCGREER, B.S., M.S., University of Alberta, 1954, 1956
ROBERT ARTHUR MOONEY, B.S., University of Rochester, 1955
RICHARD CLARENCE TUITES, B.S., University of Rochester, 1955
FRANCIS MASAYUKI WACHI, B.S., M.S., 1954, 1956
ROBERT WINSLOW WHITE, B.S., Massachusetts Institute of Technology, 1955
ROBERT GRAHAM WOOLFORD, B.S., M.S., University of Western Ontario, 1955, 1956

In Civil Engineering

ROGER DIAZ DE COSSIO, Civil Engr., National Autonomous University of Mexico, 1955; M.S., 1957
EDWIN JOHN MONKE, B.S., M.S., 1950, 1953

In Dairy Science

GILBERT HORACE ROLLINS, B.S., M.S., Virginia Polytechnic Institute, 1943, 1948

In Dairy Technology

WASSEF WAHBA NAWAR, B.S., M.S., Fouad First University, 1947, 1950

In Economics

PAULINO ALOG BALLESTEROS, B.S., University of California (Berkeley), 1949;
M.B.A., University of Chicago, 1950

OSWALD DONIECE BOWLIN, A.B., M.S., Agricultural and Mechanical College of
Texas, 1951, 1954

JOHN DAVIS HOLMES, A.B., West Virginia State College, 1950; M.S., 1955

MILTON LINWOOD MYERS, A.B., A.M., University of Connecticut, 1951, 1953

ALLAN JOSEPH TWARK, B.S., M.B.A., Kent State University, 1953, 1954

In Education

MARY JANE McCUE ASCHNER, A.B., University of Chicago, 1944; A.M., 1953

VELMA IRENE RUST, B.S., B.Ed., Ed.M., University of Alberta, 1934, 1944, 1947

In Electrical Engineering

RICHARD CHARLES BECKER, B.S., Fournier Institute of Technology, 1953;
M.S.(E.E.), M.S.(Math.), 1954, 1956

KING-SUN FU, B.S., National Taiwan University, 1954; M.S., University of
Toronto, 1956

SEIFOLLAH HAKIMI, B.S., M.S., 1955, 1957

JAMES JOSEPH MIKULSKI, B.S., Fournier Institute of Technology, 1955; M.S.,
California Institute of Technology, 1956

BASIL ROLAND MYERS, B.S., University of Birmingham, 1950; M.S., 1951

JOHN JAMES MYERS, B.E.E., Ohio State University, 1943; M.S., 1947

In English

ROBERT WILLIAM BARZAK, A.B., Agricultural and Mechanical College of Texas,
1949; A.M., 1951

ARTHUR EMMET PENNELL, B.S., A.M., 1949, 1953

JAMES EDWARD ROBINSON, B.S., Rockhurst College, 1947; A.M., Creighton Uni-
versity, 1949

CHARLES THOMPSON WILKINS, A.B., A.M., University of Kentucky, 1939, 1941

In Entomology

JOHN WARREN MATTESON, B.S., M.S., 1954, 1956

In Food Technology

RICHARD VICTOR LECHOWICH, A.B., M.S., University of Chicago, 1952, 1955

In History

ROBERT DEAN TALBOTT, A.B., A.M., 1950, 1955

In Horticulture

MARY PRICE AUBERTIN, A.B., 1953; M.S., Kansas State College of Agriculture
and Applied Science, 1955

In Mathematics

PETER GEORGE BRAUNFELD, A.B., B.S., University of Chicago, 1949, 1951; M.S.,
1953

In Mechanical Engineering

NAIM ZAKI AZER, B.S., M.S., Alexandria University, 1950, 1954

In Metallurgical Engineering

- HOWARD KENT BIRNBAUM, B.S., M.S., Columbia University, 1953, 1955
 CHIN HUAN CHENG, B.S., National Chiao Tung University, 1942; M.S., Carnegie Institute of Technology, 1948
 CHUAN-TSENG WEI, B.S., Ordinance Engineering College, 1944; M.S., 1956

In Physical Education

- PAUL EUGENE MEADOWS, A.B., Valparaiso University, 1948; A.M., University of Michigan, 1951

In Physics

- ROLAND DEWIT, B.S., Ohio University, 1953; M.S., 1955

In Physiology

- MADHU SUDAN KANUNGO, B.S., Utkal University, 1949; M.S., University of Lucknow, 1951
 JOANNE GILLESPIE WALKER, B.S., M.S., 1953, 1955

In Plant Pathology

- VEDULA VENKATA CHENULU, B.S., University of Madras, 1949
 DONALD VANCE McVEY, B.S., M.Agr., Purdue University, 1947, 1954

In Political Science

- DAVID NELSON FARNSWORTH, A.B., University of Wichita, 1953; A.M., 1955
 THOMAS ANDREW ISRAEL, B.S., Northwestern University, 1939; A.M., University of Chicago, 1948

In Psychology

- EUGENE DALE CHAMBERS, B.S., 1950

In Sociology

- SEVERYN TENHAUT BRUYN, JR., B.S., M.S., 1950, 1951
 RICHARD HARRISON ROBBINS, A.B., Brooklyn College, 1946; A.M., Washington State College, 1948
 ERNEST WORKS, A.B., Agricultural, Mechanical, and Normal College, Pine Bluff, Arkansas, 1951; A.M., 1955

In Spanish

- ELIZABETH STERRETT BIBB, A.B., A.M., Radcliffe College, 1944, 1945

In Speech

- ALBERTA LEWIS HUMBLE, A.B., A.M., 1930, 1951
 CECIL DERWENT JONES, JR., A.B., Vanderbilt University, 1951; A.M., Northwestern University, 1952
 JAMES WILLIS YEATER, A.B., Baker University, 1951; A.M., University of Washington, 1955

In Zoology

- JAMES FREDERIC OPSAHL, A.B., University of California (Berkeley), 1949; M.S., 1951

Degree of Doctor of Education

- RICHARD LUTHER DERR, B.S., State University of New York College for Teachers (Brookport), 1951; Ed.M., 1955
 ANNA MARGUERITE GORMAN, B.S., Illinois State Normal University, 1945; M.S., University of Wisconsin, 1949
 GEORGE HENRY MILLIS, B.Ed., Wisconsin State College (Whitewater), 1940; M.S., University of Wisconsin, 1948
 QUEENIE BEATRICE MILLS, B.S., A.M., New York University, 1941, 1947
 VERNON EARL TROXEL, B.S., Illinois State Normal University, 1949; Ed.M., 1955

Degree of Master of Arts*In Chemistry*

WILLIAM EDWARD ADCOCK, A.B., Milliken University, 1957
ANGELO JOHN BOLLERO, A.B., Southern Illinois University, 1957
MARILYN KAY NELLIS, A.B., Mt. Holyoke College, 1957

In Economics

JOHN FRANCIS MANN, B.S., University of Detroit, 1957
CHONG KEE PARK, A.B., Westminster College (Utah), 1957

In English

RONALD EUGENE BUCKALEW, A.B., College of Wooster, 1957
CORYL EUGENE CRANDALL, A.B., 1956
RICHARD EUGENE HUTSON, A.B., 1957
ERLE WILLIAM LAIR, B.S., Western Illinois University, 1956
GORDON LINDSTRAND, B.S., 1958
PATRICIA STAPLETON MOE, A.B., 1957
LAURA ELIZABETH RHODES, B.S., 1955
ROSLYN SNOW, A.B., 1958
EMILY STIPES WATTS, A.B., 1958

In History

GERALD LEE GUTEK, A.B., 1957
BETTY JO BROWN MAYESKE, A.B., 1956
SHIRLEY BROWN MOON, A.B., 1958
DAVID THOMAS PETERSON, B.S., 1957
FRANCIS THEODORE REUTER, B.S., 1950
RALPH ALLEN STONE, A.B., University of Kansas, 1956

In Labor and Industrial Relations

DAVID BOND CARICO, A.B., College of William and Mary, 1955
JOHN DAVID DEITZ, A.B., Lake Forest College, 1954
DUANE GERALD INKS, A.B., Beloit College, 1957
WAYNE LAWRENCE INKS, A.B., Beloit College, 1957

In Mathematics

ROCHELLE ABEND, A.B., Northwestern University, 1957
ROSS HERBERT FLENNER, A.B., Miami University, 1956
EUGENE IVAN GRUNBY, A.B., Earlham College, 1957

In Philosophy

ANGELO PETER CASTEN, A.B., 1957
ROBERT DEAN LAKIN, A.B., Colorado State College, 1957
SANDRA LEE SCHWARTZ, A.B., 1955

In Political Science

BERHANE MASKAL BAHTA, A.B., University College of Addis Ababa, 1955

In Psychology

CARL ROBERT FLODEN, A.B., 1956
EUGENE FRANCIS GAURON, A.B., Creighton University, 1957
JACQUELIN ROBERTA GOLDMAN, A.B., University of Florida, 1956
DOLORES HUGHES, A.B., Indiana University, 1955
ROBERT EDWIN MCMICHAEL, A.B., San Diego State College, 1956
DOROTHY FOSTER SHUFORD, A.B., 1955
TADASHI TSUSHIMA, A.B., Kyoto University, 1949

In Social Sciences

GAYLORD FARLEY HATCH, B.S., 1957
CYRUS EDWIN JOHNSON, B.S., 1956
JUDITH THERESA PELZMANN, A.B., 1958

In Sociology

JOHN RAY STRATTON, A.B., 1957

In Spanish

DANIEL ROSS REEDY, B.S., Eastern Illinois University, 1957

In Speech

KATHERINE MARIE ETTLA, A.B., Augustana College, 1955

NORMAN JERALD MYERS, A.B., Hiram College, 1957

In Teaching of Social Studies

RUSSELL KEITH CORLEY, B.S., 1955

RICHARD JOHN MUELLER, A.B., 1953

Degree of Master of Science*In Accountancy*

WILLIAM EUGENE COLE, B.S., Oklahoma State University, 1957

NICHOLAS DOPUCH, B.S., Indiana State Teachers College, 1957

DAVID SEIICHIRO KAWAKAMI, B.S., Kansas State Teachers College (Pittsburg), 1957

GEORGE CLARENCE MEAD, B.S., 1957

PRASIT RATANASATHIAN, B.Com., Higher Dipl. (Accy.), University of Thammamat, 1952, 1953

In Aeronautical Engineering

PAUL CHARLES DEUTSCHLE, B.S., 1957

JOHN ALBERT NUTANT, B.S., University of Notre Dame, 1956

In Agricultural Economics

ALAN EUGENE HOLZ, B.S., 1957

CHARLES GEORGE MOGGED, B.S., 1954

JAMES ELMER ROSS, B.S., B.S., 1953, 1953

WILLIAM ANSEL TOMPKINS, B.S., 1954

In Agricultural Education

CLYDE FIFE, JR., B.S., 1954

CARL LESLIE GOWLER, B.S., 1953

CLARK EDWIN MORRIS, B.S., 1958

In Agronomy

GALE V HAROLD, B.S., Kansas State College of Agriculture and Applied Science, 1958

MAX EDWARD MAICHELE, B.S., Michigan State University, 1957

HARRY LEE MOTTO, B.S., Purdue University, 1957

LAXMAN SINGH, B.S., M.S., Agra University, 1954, 1956

JAMES BYRON SWAN, B.S., 1955

CHARLES JOSEPH WARGEL, B.S., 1957

PHILLIP WAYNE WATKINS, B.S., University of Tennessee, 1956

In Animal Science

JOHN PHILLIP ALDRED, B.S., Purdue University, 1957

OM PRATAP SINGH SENGAR, B.S., M.S., Agra University, 1948, 1950, 1957

JOHN DAVID STOBART, B.S., University of Natal, 1957

In Biological Sciences

EDMUND ARTHUR RICHARDS, B.S., Purdue University, 1957

In Botany

ANTHONY EUGENE LIBERTA, A.B., Knox College, 1955

FRANCIS AUGUST UECKER, B.S., Quincy College, 1956

In Ceramic Engineering

CLIFTON GEORGE BERGERON, B.S., 1950
ROBERT DAY SHANNON, JR., B.S., 1957

In Chemical Engineering

ANTHONY STEPHEN BALCHAN, B.S., Columbia University, 1957
ARTHUR LINDLEY EDWARDS, B.S., University of Washington, 1954
DOUGLAS ROBERT STEPHENS, B.S., University of Washington, 1957

In Chemistry

JEN CHIU, B.S., National Hunan University, 1946
ROBERT PAUL CLARK, B.S., University of Michigan, 1957
DONALD ROBERT DICKERSON, B.S., 1950
MELVIN MYRON GOLDSTEIN, A.B., Northwestern University, 1956
WILLIAM ERNEST GROVES, B.S., Southern Methodist University, 1957
RONALD ORLANDO RAGSDALE, B.S., Brigham Young University, 1957
DAVID RAY RHODES, A.B., Friends University, 1957
FRANK THOMAS SANDERSON, B.S., University of Delaware, 1954

In City Planning

WILLIAM LAMONT, JR., A.B., University of Colorado, 1956

In Civil Engineering

MORRIS ALLAN BOHN, B.S., Queen's University (Canada), 1957
JOSEPH FRANCIS CASTRO, B.S., University of Rhode Island, 1951
CHUNDURI VENKATA CHELAPATI, B.Eng., Andhra University, 1954
KUEN-PUO CHUANG, B.S., National Taiwan University, 1956
ROGER PETER COUTURIER, B.S., University of Saskatchewan, 1954
MELVIN ISRAEL ESRIG, B.B.A., College of the City of New York, 1951; B.C.E., Polytechnic Institute of Brooklyn, 1954
WALLACE EMORY FLUHR, B.S., University of Kentucky, 1954
DONALD DUANE GABE, B.S., North Dakota State Agricultural College, 1943
NEIL MIDDLETON HAWKINS, B.Eng., University of Sydney, 1957
FLOYD HENRY HENK, B.S., Agricultural and Mechanical College of Texas, 1950
JAMES NELSON HICKS, JR., B.S., United States Naval Academy, 1954
BRADLEY JOHN HONHOLT, B.S., United States Military Academy, 1954
HALIGEWODIERHALLI SRINIVASA IYENGAR, B.Eng., University of Mysore, 1956
HARLAN WARREN JOHNSON, B.S., United States Military Academy, 1951
WYNN EUGENE KAMPE, B.S., University of Washington, 1954
DELBERT FRED KARMEIER, B.S., 1957
NORMAN GEORGE KOUBA, B.S., 1955
JOHN HENRY LAMB, JR., B.S., 1956
DANIEL LEWIS LYCAN, B.S., Massachusetts Institute of Technology, 1952
GEORGE JOSEPH MALINA, B.S., 1958
DON STUART MCCOY, B.S., University of Wisconsin, 1953
JAMES ROBERT MCKNIGHT, B.S., Lehigh University, 1953
FELIX JOSE MILA, Civil Engr., University of the Republic (Uruguay), 1955
CHHOTUBHAI BHIKHABHAI PATEL, B.Eng., Gujarat University, 1956
RANGSI RATANAPRAKARN, B.S., Chulalongkorn University, 1957
JASWANTSINGH SACHDEV, B.S., Chulalongkorn University, 1957
RUSSELL EARL SCHOFIELD, B.C.E., Polytechnic Institute of Brooklyn, 1957
JAMES HARRISON SCHOOLER, B.S., 1958
HENRY CARL SCHRADER, B.S., 1940
DOGAN NUR SUBAYKAN, B.S., Robert College, 1957
JOHN TOMAN, B.S., United States Military Academy, 1953
FLOYD DONALD WRIGHT, B.C.E., Clemson Agricultural College, 1950; M.S., Montana State College, 1957

In Dairy Science

A. RAMAMOZHANA RAO, B.V.Sc., University of Madras, 1956

In Dairy Technology

ASHOK SEKHAR GANGULY, B.S., University of Bombay, 1956

In Electrical Engineering

THYCODAM VARKKEY GEORGE, B.S., University of Madras, 1956
CHIEN CHANG HUANG, B.S., Taiwan Provincial Cheng Kung University, 1953
GERALD WILLIAM MAHONEY, B.S., University of Notre Dame, 1957
ROY JAMES MARQUEDANT, B.S., 1958
JOHN LEWIS OVERBEY, B.S., 1955
JACK WAYNE PUARIEA, B.S., 1958
NEIL ERNEST WISEMAN, B.S., Queen Mary College, 1957
CHARLES WILLIS WOLFE, B.S., 1958

In Entomology

MOHAMMAD ABDULLAH, B.S., University of Allahabad, 1954; M.S., Muslim University, 1956
CHARLES DAVID LESAR, A.B., Southern Illinois University, 1957
ZILE SINGH, B.S., University of Delhi, 1951; M.S., Punjab University, 1955

In Finance

EDWARD ANTHONY SALERNO, B.S., Loyola University, 1954

In Geology

WALTER RAYMOND LUNDWALL, B.S., Bowling Green State University, 1955
JACKIE DELAINE MCGREGOR, B.S., 1955
RUSSEL ALLEN PEPPERS, B.S., 1957
BILLY REYNOLDS TOY, A.B., Berea College, 1957

In Home Economics

JEAN LOUISE DIETEMANN, B.S., 1955
DELORES ANN HICKMAN, B.S., 1955
RITA HELEN MCGREER, B.S., University of Alberta, 1955

In Home Economics Education

ALICE MIEKO YAMAMOTO, B.S., Stout State College, 1958

In Journalism

FRANKLIN BENJAMIN SMITH, A.B., Stetson University, 1955
CAMPBELL BONNER TITCHENER, A.B., Ohio State University, 1951; B.Mus., 1955

In Library Science

ROSSIE BROWER CALDWELL, A.B., Claflin University, 1937; M.S., South Carolina State College, 1952
TRI BONNIE CRELL, A.B., Sacramento State College, 1956
FRANCES ILENE DOUGLAS, B.S., Illinois State Normal University, 1951
HENRIETTA ARNOLD GRANT, B.S., Knoxville College, 1957
ROBERT BENJAMIN KIRCHGRABER, A.B., University of Portland, 1941
MARTHA LANDIS, A.B., 1957
GEORGE BIE LIU, A.B., Fresno State College, 1950; A.M., 1953
MELVIN LONNETTE MCKINNEY, A.B., Tougaloo College, 1957
EDITH AUGUSTA OHLSON, A.B., Augustana College, 1948
BEVERLY MAE PFEIFER, B.S., North Dakota Agricultural College, 1957
MELISSA AUGUSTA RITTER, B.S., Illinois State Normal University, 1955
LUCY VOLPIGNO SALVATORE, A.B., Brown University, 1943
DEVENDRA NATH SHARMA, A.B., A.M., University of Lucknow, 1953, 1956
FLORENCE MAUREEN SHEEHAN, A.B., 1957
REGINALD SEBERATNAM THAMBAIAH, A.B., A.M., University of Madras, 1953, 1955
MARQUA ELIZABETH WEATHERS, A.B., Southwest Missouri State College, 1944

In Management

JAN JONGBLOET, Civil Engr., University of Ghent, 1957

ROBERT FAST JORGENSEN, B.S., 1954

LESLIE LLOYD DONALD SHAFFER, A.B., University of California (Berkeley), 1935

In Marketing

FRANK JOHNSON, B.S., University of Utah, 1955

In Mathematics

DOROTHY ANN BOLLMAN, B.S., Eastern Illinois University, 1957

HENRY FRANDSEN, B.S., 1957

DAVID WILLIAM HUTCHINSON, B.S., 1956

GARY KRISTIAN LEAF, B.S., 1957

UGNYS STANLEY NAIKELIS, B.S., Illinois Institute of Technology, 1957

JINGYAL PAK, B.S., Kent State University, 1956

JOSEPH ALEXANDER PETERS, B.S., St. Joseph's College, 1953

MYRNA HELEN PIKE, A.B., Cornell University, 1957

FREDERICK WILLIAM SEUBERT, A.B., Washington University, 1952

HSUE CHONG TUNG, M.S., Oklahoma Agricultural and Mechanical College, 1955

In Mechanical Engineering

WILLIAM HENRY BARDENS, B.S., 1957

EDWARD JOSEPH BROWN, B.S., 1954

FAN YU CHEN, B.S., National Taiwan University, 1954

TSE-MIN FU, B.S., National Taiwan University, 1954

YONG SHIK HONG, B.S., Seoul National University, 1955

PHILIP EARL LAMBDIN, B.S., 1957

HIRO MOTIRAM MANSUKHANI, B.S., University of Oklahoma, 1956

HENRY GEORGE MITCHELL, Dipl., National College Heating and Ventilating, (England), 1954

DHANANJAY RAMBHAI PATEL, B.Eng., University of Baroda, 1956

ROBERT ALLAN WHITE, B.S., 1957

In Metallurgical Engineering

DONALD HERBERT BOONE, B.S., 1957

JAMES RICHARD COST, B.S., University of Wisconsin, 1951

KINKAR PROSAD GUPTA, B.Eng., University of Calcutta, 1955

DON HENDERSON KILLPATRICK, B.S., 1956

N. S. SUNDARA RAJAN, B.S., B.S. (Hons.), M.S., University of Mysore, 1941, 1949, 1951

In Mining Engineering

JAMES MANSFIELD CLEARY, JR., B.S., 1953

In Music Education

GERALD ERICK ANDERSON, B.S., 1957

ARDEN SMITH HUBBARD, A.B., Agnes Scott College, 1957

HOWARD LAVERNE SANDLUND, B.S., 1956

In Physical Education

KENNETH RALPH MCGONAGLE, B.S., University of Minnesota, 1952

In Physics

WILLIAM GENE ANSLEY, B.S., University of Toledo, 1954

ANGELO BARDASIS, A.B., Cornell University, 1957

JAMES EDMOND BARTH, B.S., 1957

WALTER BAUER, A.B., University of California, 1957

ROBERT RAYMOND BEASLEY, B.S., Idaho State College, 1955

BARRY LOUIS BERMAN, A.B., Harvard College, 1957

JAMES CARR BUSHNELL, B.S., Massachusetts Institute of Technology, 1955
 RICHARD LEE CUMMINS, B.S., 1953
 JOHN WILLIAM DE FORD, A.B., Carleton College, 1957
 NILS CONARD FERNELIUS, A.B., Harvard College, 1956
 DOUGLAS BEACH FITCHEN, A.B., Harvard College, 1957
 JOSEPH RUDETSKY HESSE, B.S., College of the City of New York, 1957
 JAN STURE BIRGER HOLMSTROM, B.S., 1958
 DON CARLOS HOPKINS, B.S., Eastern Illinois University, 1957
 MYRNA LEWIN, B.S., College of the City of New York, 1957
 CLARENCE ALFRED LUND, B.S., University of Nevada, 1951
 JAMES PAUL MARTIN, A.B., Williams College, 1953
 YVES MERLE D'AUBIGNE, Dipl. of Engr., University of Grenoble, 1957
 KONG KI MIN, A.B., Amherst College, 1957
 JOSEPH CARL MYERS, B.S., Pennsylvania State University, 1957
 JACK LEROY ORD, B.A.Sc., University of Toronto, 1957
 FRANKLIN MOORE PROPST, B.S., Alabama Polytechnic Institute, 1957
 HOWARD KENT ROCKSTAD, A.B., St. Olaf College, 1957
 DAVID ALAN SIMKIN, A.B., Cornell University, 1957
 HARRY HUGGINS TIPPINS, Jr., B.E.E., University of Florida, 1955
 DONALD SMITH TRIMMER, B.S., Case Institute of Technology, 1957

In Physiology

ROGER ANTHONY GORSKI, B.S., 1957

In Plant Pathology

JEROLD WARD BUSHONG, A.B., Miami University, 1957

In Radio and Television

ROBERT EDWARD HENLEY, B.S., Southern Illinois University, 1954

In Sanitary Engineering

VITHYA PIENVICHITR, B.S., Chulalongkorn University, 1956

In Speech Correction

CHARLES THOMAS HASHBARGER, B.S., Eastern Illinois University, 1954

In the Teaching of Biological Sciences and General Science

AFRODITE KONSTANS BILS, B.S., 1954

In the Teaching of Chemistry

GORDON ORVIL BROWN, A.B., Colorado State College, 1946

In Theoretical and Applied Mechanics

JOHN REMMERS ROSS, B.S., 1950

ROBERT EARL WOODS, B.S., 1958

In Veterinary Medical Science

SOHAN PRASAD SAXENA, B.S., Agra University, 1943; Dipl., Bombay Veterinary College, 1948

Degree of Master of Music

EMORY MOORE FANNING, B.Mus., Oberlin College, 1957

ROBERT PARK MANOOKIN, A.B., Brigham Young University, 1955

ANN LOUISE BRAINERD NADEAU, B.Mus., Oberlin College, 1956

JOHN THEODORE PROCHÁZKA, B.Mus., 1957

Degree of Master of Education

VANCE JUNIOR AHLF, B.S., 1942

MAX JOSEPH AUBUCHON, B.S., 1952

NEVILYN YVONNE NELSON BALATY, B.S., 1952
 PAUL FRANKLIN BARTHEL, B.S., 1951
 LORALICE JUNE BLAKELEY, B.S., Illinois State Normal University, 1953
 MADGE HAINLINE BLYTHE, B.S., Greenville College, 1954
 OLEN EUGENE BROWN, B.S., Eastern Illinois University, 1952
 JAMES JOHN BUFFER, JR., B.Ed., Chicago Teachers College, 1958
 DAVID KEITH CARLTON, A.B., Asbury College, 1954
 RICHARD KEITH CHERRY, B.S., 1950
 SHIAO-YING CHIANG, A.B., Taiwan Normal University, 1957
 DORIS KAISER CORDES, B.S., Northern Illinois University, 1956
 STEPHEN HEYWORTH CROSS, B.S., 1951
 LEONA BRANDON DOLLISON, B.S., Lincoln University, 1955
 RAY HUGH EDWARDS, B.S., Southern Illinois University, 1954
 AUDREY ANN NEUMANN ERNEST, B.S., 1952
 JOHN CLARK ESAREY, B.S., 1954
 DOROTHY SCHENCK FITCH, B.S., 1931
 DOLLIE WALTER GALLAGHER, B.S., Eastern Illinois University, 1955
 NORMAN STANLEY GILBERT, B.S., Northern Illinois University, 1954
 DOROTHY KATHRYNE HALL, A.B., Augustana College, 1943
 MARIAN HAZEN HALL, B.S., 1946
 SAMUEL FRED HICKS, A.B., Southern Illinois University, 1956
 ANTHONY JOSEPH INNIS, B.S., Millikin University, 1952
 WALTER KENICHI KONISHI, A.B., University of Hawaii, 1954
 LOUELLA JOHNSON LAMB, B.S., Eastern Illinois University, 1953
 ROBERT LELAND LINDSEY, B.S., Illinois State Normal University, 1949
 SHIRLEY ANN LUND, B.S., University of Minnesota, 1946
 DONALD MITCHELL MAY, B.S., 1958
 NORMA JEAN SWANSON MCKIE, B.S., Illinois State Normal University, 1953
 ELLIOTT DELOIS MCKINNEY, A.B., Agricultural, Mechanical, and Normal College (Arkansas), 1952
 HERSHEL JAMES MCPHERON, B.Ed., Eastern Illinois University, 1947; B.S., 1953
 LOUIS JOSEPH NACHBAUER, A.B., Augustana College, 1952
 TOLLEF OWEN NASBY, B.S., Iowa State College, 1950
 LELAH MAE NEWMAN, B.S., Eastern Illinois University, 1955
 RUTH ELIZABETH NICOLI, A.B., Coe College, 1951
 DOROTHY NUGENT, B.S., Butler University, 1935
 PENSIT POTIJINDA, B.S., Stout State College, 1958
 SHIRLEY ANN KUHN PUARIEA, B.S., University of Wisconsin, 1953
 EDITH LOUISE HARTMAN SCHAEFER, B.S., 1953
 DONALD FREDERICK SCHARFENBERG, B.S., Northern Illinois University, 1956
 LESLIE GEORGE SHADEL, JR., B.S., 1954
 MILDRED WASHINGTON SPRUILL, A.B., Stowe Teachers College, 1952
 LAZELLE EPPLE STEM, A.B., Shurtleff College, 1953
 CAROL LOCKREM SYKES, B.S., Illinois State Normal University, 1956
 THEODORE LARRY VRENICK, B.S., Northeast Missouri State Teachers College, 1950
 SAMUEL WORLEY WEGMAN, B.S., 1955
 DORIS MOODY WERRIES, B.S., Illinois State Normal University, 1957
 MARTIN C. WHELAN, B.S., Northwest Missouri State College, 1952
 JEANE T. WINKLER, B.S., Eastern Illinois University, 1951
 SUSAN BROWN WOLFE, B.S., 1955
 ERMA ZELLA WORTHEY, A.B., Shurtleff College, 1953

Degree of Master of Fine Arts

JOHN WILFRED MCIVOR, B.F.A., 1957

Degree of Master of Laws

BERNITA JEWELL DAVIES, A.B., LL.B., B.S., 1924, 1928, 1932

Degree of Master of Architecture

WILLIAM HILDEBRAND ALINGTON, B.Arch., University of New Zealand, 1956

Degree of Master of Television

FRANCIS LAWRENCE KELLY, B.Dram.A., DePaul University, 1954

Advanced Certificate*In Education*

JAMES RUSSELL CHANGNON, B.S., M.S., 1947, 1951

JOHN THEODORE WEYRAUCH, A.B., Beloit College, 1949; A.M., 1952

COLLEGE OF AGRICULTURE**Degree of Bachelor of Science***In Agriculture*

RICHARD BYRON BAIRD
 CHARLES ARTHUR BALLARD
 RITCHIE G. BARNETT, High Honors
 LEE HENRY BRIDGMAN
 CARL ALBERT BUDELSKY
 JOHN ROBERT BURKHARDT
 FREDERICK EDSON BUXTON, JR.
 RICHARD HAMLIN CONDREY
 ROBERT ED COOTS
 CLARENCE OLIVER DAVIS, High Honors
 RICHARD WAYNE DICKSON
 THOMAS EUGENE FENTON, High Honors
 JAY TERRY FITTS
 ARNOLD ARTHUR GALLOWAY, Honors
 CARLYLE S. GREATHOUSE
 DONALD EUGENE GUSTAVESON
 CHARLES EDWARD HEATHMAN, Honors
 JAMES LAWRENCE HOGAN, JR.
 HENRY FROST HOOKER
 WILLARD FREDRICK LENSCHOW

DONALD PAUL LINDSHIELD
 CHARLES CLINT LUKER
 WARREN HALL MACLIN
 ROBERT MARLAND MARSHALL
 JOHN ROBERT MCCARTHY
 WILLIAM OLIVER MCILRATH
 DANIEL CHARLES MINER
 RONALD HONCE MOHR
 MELVIN LOUIS PEASLEY
 DON WILLARD SARGENT
 FERMAN WAYNE SIMS
 EARL HENRY SONNEMAKER
 DAVID JEROME STEIN
 JERRY HERMAN STOLLER, Honors
 ALFRED GERALD TURLEY
 GAYLORD WAYNE WEAVER
 DONALD RANCE WEEMS
 LARRY LEE WEST
 WILLIAM LOUIS WISSMILLER

In Dairy Technology

RICHARD AUGUST KURZ
 JOSEPH ALBERT OHREN

JOHN CARVER TURNER

In Food Technology

JOHN ALLEN MERBOTH

MERLE FRANCIS PEDEN, JR.

In Home Economics

MERILYN ANN BEVER, Honors
 BEVERLY JEAN BLACKSHER
 JOAN DROY
 KAY SYLVIA KIBLER
 GLORIA ROSE KRASHEN
 GLENDA MARIE LANDERS
 KATHLYN ELAINE LAWRENCE

NORMA LEAH MONTAVON
 MARY KATHLEEN RAFFERTY
 KATHLEEN ANN REDINGTON
 HELEN DOLORES REED
 MARY FRANCES ROBSON
 FREDETTE JO-ANN STIERNBERG

In Home Economics Education

MARY LOU SPENCER BAIRD
 JANE COLE
 MARY LOU DOYLE, Honors

SUSAN JEAN KAHL, High Honors
 SYLVIA JANE WINELAND, High Honors

COLLEGE OF ENGINEERING**Degree of Bachelor of Science***In Aeronautical Engineering*

THOMAS CHARLES BOREN
 CARLOS HERNÁN BUTRAGO RUIZ

DONALD ALAN CORBETT
 RONALD JOSEPH DELISMON

THOMAS JOHN DZIUBALA
 ROBERT WILLARD FARQUHAR, Honors
 ANTON DONALD FRANCIS
 WARREN DALE FULKERSON
 DONALD ROBERT GOLDBERG
 DONALD THOMAS GORDON
 GARY GILBERT GRODY
 RONALD CARL HANK
 RICHARD JOHN HILL
 RONALD CHARLES HUPE

ROGER ALEXANDER JOHNSTON
 CHRIS ALVIN KIPFER
 DONALD LEE MUSHOLT
 DONALD VALENTINE MUTH
 THOMAS ANTHONY NAHNSEN
 THOMAS FRANCIS SHANAHAN
 ROBERT EUGENE SKARSHAUG
 DONALD DEANE TEAGUE
 GENE JUNIOR TIEZZI

In Agricultural Engineering

HENRY JACOB AUCHSTETTER
 JOHN ARTHUR CHAPMAN
 DAVID CURTIS JOHNSON, High Honors

ROBERT LEROY McNABB
 DONALD LEO SMITH, Honors

In Ceramic Engineering

GEORGE ARTHUR BOWMAN

BILLY RAY TOLLIVER, Honors

In Civil Engineering

JAMES BURTON ALLISON
 BERNARD ARONSON
 CLAUDE IRVING ATTERBERRY
 ALBERT FRANCIS BARSELLA
 FREDERICK WILLIAM BARTELSMEYER
 ALAN FRANCIS BOBKA
 DAVID ROGER CARRIER
 WILLIAM MARVIN CAZIER
 KENNETH PAUL COOVER
 ROGER LEE DAOUST
 DARRELL ARTHUR DOBBS
 WILLIAM CHARLES DOLEZAL
 HOWARD ADRIAN DOVRE
 EUGENE FRANK EISENHAUER
 CLIFFORD LEROY EMMERLING
 JUAN ANTONIO GARCIA-GARCIA
 RAMIRO GÓMEZ-LÓPEZ
 ANTHONY STEPHEN GRZEMSKI
 DONALD ROBERT HENDERSON
 HAROLD DALE HICKS
 ROY EDWIN HITCH
 JAIN SWARUP JAIN

WILLIAM HARM JOHNSON
 ANTHONY MONSHIUN KAO
 GEORGE THOMAS KOLAR
 BYRON ARMIN MARKS, High Honors
 LAWRENCE JOHN MILOSHESKI
 JOHN COWSERT MOORE
 ROBERT EDGAR MORGAN
 GUSTAVO PATIÑO DUQUE
 DONALD WAYNE PFEIFER
 PAUL RUSSELL PLUCIENIK
 JAMES JOSEPH POWERS
 JOHN HARTLY SABO
 MARIO SANTACRUZ CHAVES
 JOSEPH RICHARD SIDOR
 JERRY LEON SMITH
 CHARLES EUGENE SNIDER
 HERALDO SOTO
 VESPER LEE TAYLOR
 CHEW YEE THAM
 WILLIAM EDWARD THORNTON
 RICHARD LEE TURNER
 LESLIE RUDOLPH WIEDUWILT, JR.

In Electrical Engineering

WILLIAM THEODORE ADELMAN, JR.
 RONALD ALBERT AICHHOLZER
 LAWRENCE WILLIAM AMIOT
 JOHN DAVID BAKER, JR.
 RICHARD DAVID BARKMAN
 EDWARD JAY BEHR
 VILMARS BEINIKIS
 JOSEPH BERTOGLIO
 THOMAS HENRY BERTRAND
 GEORGE MAX BETHKE
 GEORGE DAVID BORG
 LOUIS ALBERT BRAUN
 WILLIAM FRANCIS BUTLER, Honors
 JAMES GIBSON BUYER
 LEROY JOHN COOK
 JOHN MATTHEW CROCKETT
 ROGER PAUL DAY
 WILLIAM JOSEPH DEJKA

ROBERT PHILIP DOUGLAS
 DEAN RICHARD EVERT
 GLEN ELMO FAXON, JR.
 ALLAN RAY FIEDLER
 JOHN JOSEPH FLAHERTY
 JURGIS ALFREDAS GEDAUGAS
 JAMES BERNARD GERARDO, High Honors
 FRANK XAVIER GREGORY
 JAMES EDWARD HANLEY
 JACK D. HANSEN
 JOSEPH JAMES HARTL
 RICHARD RANDOLPH NOEL HAYDEN
 KERMIT KEITH WILLIAM HEID, Honors
 THOMAS EMIL HEMMINGER
 ALPHONSO HOBBS
 FREDERICK HAROLD HOFMEISTER
 JOSEPH CLAYTON HUNT
 DAVID LEE HUSUNG

WILLIAM ROBERT JACOBS
 RONALD PAUL JETTON
 JAMES EDWARD JOHNSON
 BRIAN LOUIS JOSLYN
 BRUCE ROBERT KAUFMAN
 PETER ALLAN KLEIN
 EVANGELOS PETROS KOSTOGIANNIS
 GERALD LOUIS KRAY
 LARRY DONALD LARSEN
 RICHARD JENE LAY
 WILLIAM CARL LINDE
 MAROLD HERMAN LOHRENZ
 JOHN ROBERT MARTIN
 CHARLES ROBERT MAYER
 JOSEPH EMIL MESCHI
 JOHN EUGENE MORSE
 RALF MUELLER
 ROBERT ALDEN NELSON
 JOHN FRANCIS NORRIS
 ROBERT SUNDIN PATTON, JR.
 CARL GUNNAR PETERSON
 VITALIS JONAS PETRUSIS
 GEORGE JOHN PINZ
 JOHN PLUTH, JR.
 ROBERT LESLIE POESCHEL, High Honors
 BERNARD JOSEPH REKIERE
 KENNETH JAMES REZNICEK
 LIONEL CHARLES RIPPKE

JOHN BLAKE ROBERTSON
 FRED JEROME ROSENBAUM, Honors
 LIONEL DAVID ROVNER
 DONALD FRANCIS SCHILTZ
 JOHN MATTHEW SCHNEIDER, Honors
 FRANK WAYNE SCHNEIDERMEYER
 THOMAS GEORGE SHACK
 THEODORE ROOSEVELT SHAFER
 KENNETH LEROY SHENFISH
 ELMER GEORGE SMITH
 HAROLD DEAN SMITH, JR.
 ROMAULD MARION SOKOL
 THEODORE SPYRIDON STAMATIS
 JOHN WILLIAM STEARNS
 JOHN CLIFFORD STEVENSON
 GEORGE BECKETT TALBOTT
 DYCUS LEE TISON
 TAKASHI TSUHAOKO
 JEROME ANTHONY TUREK
 LEROY ALLEN VOGT
 DONALD LEE WALKER
 HARRY FRANCIS WALLER, JR.
 GEORGE RAYMOND WINK
 JAMES WILBUR WRIGHT
 WILHELM FREDERIC ZANTOW
 RICHARD EDWARD ZAREMBA
 ANSIS ZILGALVIS
 BASIL THOMAS ZOTOS, Honors

In Engineering Physics

RICHARD KEITH AHRENKIEL, Honors	WARREN LEE MALONE
MICHAEL JASPER CAMPO	CLIFFORD WILLIAM MENDEL, JR.
RICHARD ANDERSON CRAIG	THOMAS CLAYTON PIPER, Honors
ROBERT HENRY DEVORE	PAUL NOBLE SWARZTRAUBER
JOSEPH CARL HAFELE, High Honors	DAVID FLORNES TECHENTIN
MARVIN LEO HARDING	KYAW MYA THEIN
WILLIAM RAY MALLORY, High Honors	ROBERT HARRY WILLSON

In General Engineering

CHARLES FREDRICK CURRY	RICHARD BOND SHARP
JOHN RUSSELL FUNKHOUSER	JOHN BERNARD SHEA
JAMES FREDERICK GAFFNEY	CECIL WILLIAM STRADLEY
WILLIAM GEORGE HULEY	LEONARD FRANCIS WALDMAN, JR.
GERALD ARTHUR LAUTERBACH	JAMES WILLIAM WOLFF
JOHN GILBERT PIKE III	

In Industrial Engineering

ALBERT CORNELIUS ADLFINGER	RICHARD LYLE MCELHINEY
LOUIS PAUL ANTONELLI	EUGENE PAUL MIKOLAJCZYK
RICHARD JOHN BERGHOLZ	WILLIAM HOWARD PROCTOR
SULLY WILLIAM BONANSINGA	TERRY DEAN RENFER
JOHN GRAHAM CORLISS	SIDNEY ALLEN SACHS
ROBERT KEITH ELSE	ARTHUR THOMAS STELLMACH
JOHN FRANCIS HUCK	DONALD ARLYN TRULL
LYLE EUGENE KING, Honors	ERNEST MYLES WILLER
JOHN MARCUS KNODLE	WILLIAM MICHAEL ZUKLEY

In Mechanical Engineering

DAVID JOHN AHNER, JR.	CARL ALVIN BODENSCHATZ, Honors
JAMES ROBERT ALBRIGHT	PHILIP EUGENE BOWEN
FRED CARL BAHR, JR.	DAVID LEE CARLSON, Honors
ROBERT FRANK BARINEK	RICHARD JOHN CHMIELEWSKI

LARRY DEAN COOKSEY
 DANIEL EDWARD CZERNIK, Honors
 CECIL VERNON DEAN
 GEORGE ROBERT DEARBORN
 EDWARD PETER DE SMET
 RONALD LEE DEVAISHER
 MILTON LESTER DIEDRICK
 WILLIAM THOMAS DONOHUE
 WILLIAM LUTHER DRURY
 DAN ALLAN DUWELL
 STANLEY EUGENE DYBCZAK
 GUY SHERMAN FORNEY
 JOHN GRAHAM FREEBERG
 WILLIAM DUDLEY GABBARD, High
 Honors
 BILL ANTHONY GREENWELL
 RICHARD SETH GRIFFITH
 WILLIAM THOMAS HABENICHT
 RICHARD MILTON HART
 DONALD FRANCIS HELFER
 ROBERT HARROUN HOMMEL
 BORIS WESYL HRYKEWICZ
 WARREN NORBERT JENSEN
 NICHOLAS ANTHONY JERGOVICH
 EMERY RICHARD JOHNSON
 MILTON ARTHUR KLAYUM
 DONALD ARTHUR KLOKKENGA
 JOHN EDWARD KOCH
 LOREN LOUIS KRUEGER
 DONALD ROGER KUEHL
 ROBERT LEROY LENZ
 CHARLES OVAL LEWIS

RICHARD FRANK MARTIN
 RICHARD EDWARD MAXWELL
 FRED LEON MILLER
 JAIME MORALES
 JOHN DAVIDSON MORAN
 JERRY EUGENE MORGAN
 JOHN ROMANO NUTINI
 JOHN WARREN OEFF
 WILLIAM BURDETTE PARKER
 KENNETH FRANK PAWLAK
 RONALD EDWARD PELTON
 RICHARD GEORGE PIGGOTT
 EUGENE POCS
 MARSHALL DEAN PRINCE
 ROBERT FRANCIS RAY
 MURRAY GORDON RHODES
 RICHARD IVAN RICKETTS
 IAN STEWART ROBB
 ENRIQUE RODRIGUEZ
 RONALD ALOYSIUS ROSS
 DAVID ANTHONY SALBEGO
 HEMANT TRIMBAK SATHE
 ROBERT RICHARD SMITH
 RICHARD HANFORD SNYDER
 THOMAS JOHN STESKAL
 ROBERT WILLIAM STORKMAN, Honors
 SILAS EUGENE STRODE
 JOSEPH DONALD SVATOS
 ALGIS ALLAN TIRVA
 JAMES LEROY WESSELMAN
 RAYMOND ALFRED WILLEM
 STEVE ARTHUR WUTZKE, Honors

In Metallurgical Engineering

LARRY EUGENE HAYES
 EDWIN MELVYN HORAK
 ALLEN ISAAC LEWIS

GEORGE AUSTIN MORRIS
 GEORGE RONALD MORRIS

In Mining Engineering

PETER ANTON NIKIAS

JAMES RAYMOND YANCIC

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Home Economics

ELIZABETH ANN THUT

In Liberal Arts and Sciences

ROBERT ANTHONY ALEKSIUNAS
 JOHN MYERS ALLSWANG, Honors in
 Liberal Arts and Sciences with
 Distinction in History
 HELEN WILLIAMS AWWAD
 JOAN EMERY BEARDSLEE, Honors in
 Liberal Arts and Sciences
 JOAN LENTIN BERGMAN
 MARJORIE SWANSON BERGSTROM
 RONALD DUANE BERKLAND
 ROSELYN DRISCOLL BLUM
 ANNE MATLOCK BOYS
 CORNELIA MARIE CARNES, Honors in
 Liberal Arts and Sciences
 STEPHEN MICHAEL CONHAIN

ROSALIND COOPER
 RUTH BUMGARNER DAUBS
 THOMAS CHARLES DI CANIO
 ADLON CAROL DOHME, Honors in
 Liberal Arts and Sciences
 KATHERINE BLISS EATON, Honors in
 Liberal Arts and Sciences
 JOHN THOMAS FEENEY
 CHARLES MCCORMICK FERGUSON
 ROBERT JAMES FRANKEL
 JON BURTON GUYTON
 LOTUS MILLER HALLBERG
 ROBERT HENRY HASMAN, JR.
 MARCIA ANN HEDIGER
 JANICE ELAINE HERMANN

DIANE SUE HORWITZ, Honors in
Liberal Arts and Sciences
JOHN DAVIGO HUNTLEY
MARY FRANCES HUNTLEY
ERROL BARTON IMBER, Honors in
Liberal Arts and Sciences
LYLE DOUGLAS JACOBSON
KENNETH WALDO JOHNSON
BARBARA JOANN JOHNSTON
PANAGIOTIS IOASAF KARAFOTIAS
ADRIENNE CECELIA KAUFMAN, Honors
in Liberal Arts and Sciences
JAMES PATRICK KELLY
KEITH JAMES KESSEL
ALICE AISUN KIM
RALPH KING LEARNARD
GERALD LEVY
ELIZABETH PLETCHER LUTTIER
RUTH JEAN MANASTER, Honors in Lib-
eral Arts and Sciences with Dis-
tinction in Psychology
IRA SHERWIN MILLER
JUDITH GRACE MORSE, Honors in Lib-
eral Arts and Sciences with High-
est Distinction in Political Science
THOMAS MIKE PAULSON
ROBERT KEITH ROGERS

SHELDON JOSEPH SANDMAN
JOSEPH WALTER SCHERTLER
EUGENE ALBERT SHEIM, Honors in
Liberal Arts and Sciences
JOAN ARDELL SKOGLAND, Honors in
Liberal Arts and Sciences
BURT CHARLES SKOLNIK
JOHN CHARLES STANDING
CAROL DIANE STICKLER, Honors in Lib-
eral Arts and Sciences with Dis-
tinction in Political Science
CARL VINCENT STRAKA
GEORGE STRICK
SALLY GOETZ SZUMSKI
SHELDON ALBERT TERMAN
MARI JO ELLINGBOE THOMPSEN
CYNTHIA DIANE THOMPSON, Honors in
Liberal Arts and Sciences
PRISCILLA AGNES THORPE, Honors in
Liberal Arts and Sciences with
High Distinction in English
PATRICK ALAN TUITE
RONALD JOSEPH ULM
HELGA MULLER WOLIN, Honors in
Liberal Arts and Sciences
TETSUO PETER YOSHIDA
ROBERT FRANK ZAHROBSKY, JR.

In the Teaching of English

MARJORIE GALLAGHER BOWEN, Honors
in Liberal Arts and Sciences
BARBARA LEHR DEFFLEY
BARBARA JEAN DRINNON, Honors in
Liberal Arts and Sciences
JEANINE MARIE GREENE, Honors in
Liberal Arts and Sciences

BARBARA ANN ISAKOFF, Honors in
Liberal Arts and Sciences
DOROTHY FRANCES LOYD
IDABELLE KINCANNON MACHAMER
CAROLE DIANE REPS
NANCY SCOTT

In the Teaching of French

ANITA LOUISE BOUGHAN, Honors in
Liberal Arts and Sciences
MARIE JOANNE GOLDMAN, Honors in
Liberal Arts and Sciences

FERNANDO EUGENE WHORTON, Honors
in Liberal Arts and Sciences
MARCIA KATHRYN ZIPAY

In the Teaching of Social Studies

JUDITH SCOTT BABB, Honors in Liberal
Arts and Sciences with Highest
Distinction in the Curriculum
PRISCILLA KIMIKO BERGANIO, Honors in
Liberal Arts and Sciences
RICHARD WHEELER CALLENDER, Honors
in Liberal Arts and Sciences
ROBERT LYNN CLEVER
BARBARA MARIE DRUHAN
ELIZABETH ANN EVAN
MARGUERITE FALLUCCO, Honors in Lib-
eral Arts and Sciences with Dis-
tinction in the Curriculum

MYRNA D. JACOBSON, Honors in Liberal
Arts and Sciences
JANET LYNN MCQUEEN, Honors in
Liberal Arts and Sciences
MARGARET LORRAINE SIMAK, Honors in
Liberal Arts and Sciences with
High Distinction in the Curriculum
DEBORAH HANSON SKEHEN, Honors in
Liberal Arts and Sciences with
High Distinction in the Curriculum
JULIUS PAUL SLAVENAS

In the Teaching of Speech

JULIE SMITH McELHINEY

Degree of Bachelor of Science*In Chemical Engineering*

KEITH BLANDFORD, Honors in Liberal Arts and Sciences with Distinction in the Curriculum

JOHN CURTIS CANNON

DUANE EDWARD CELARIER

RONALD LEE ENGEL, Honors in Liberal Arts and Sciences with High Distinction in the Curriculum

HENRY KARL KAPEL, Honors in Liberal Arts and Sciences with Distinction in the Curriculum

ALDRICH EDWARD LIPKA

RICHARD MICHAEL MITCHELL, Honors in Liberal Arts and Sciences with Distinction in the Curriculum

DAVID VERNE MUNNIS, Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum

MICHAEL GEORGE NORMAN

THOMAS WILSON OFFILL

JOHN ANTHONY PASTOREK

HERMAN JOSEPH RUTA

DAVID NORMAN SCHRIFTMAN

KENNETH FLEMING SMICK

KENNETH WARREN THORNTON, Honors in Liberal Arts and Sciences with High Distinction in the Curriculum

THOMAS VAN CHANG TUNG

JOHN WALTER VOELPEL

MILAN ALFRED ZAMCO

In Chemistry

WAI WON CHIN

JEROME IRVING DICKSTEIN

WAYNE CARROLL GOAD

SHELDON HOWARD MARCUS, Honors in Liberal Arts and Sciences

JOHN VALENTINE RUND, Honors in Liberal Arts and Sciences

In Home Economics

LOIS GRANT VOELPEL, Honors in Liberal Arts and Sciences

GEORGIANA PEI-FANG YOUNG

In Liberal Arts and Sciences

BUDIHARTO

JOEL LEON BURMAN

RICHARD GEORGE BURRIGT

SEYMOUR HIRSCH CABIN

RUSSELL JOHN CHURCH

PATRICIA CLAFLIN, Honors in Liberal Arts and Sciences

MYRON JULES COHEN

MIRIAM HERZOG DAVIS, Honors in Liberal Arts and Sciences

ROBERT DAVIS

WILLIAM LAYTON FIELD, Honors in Liberal Arts and Sciences

WILLIAM FRANCIS GALUHN, JR.

CHARLES SANFORD GANNON

ELIZABETH SCOTT GARRETT

GERALD BENJAMIN GERSEY

PAUL HERBERT GLUCK

MICHAEL STUART GURVEY

RUSSELL DALE GUTHRIE, Honors in Liberal Arts and Sciences

GENE WESLEY HOLLINGSWORTH

JAMES MITCHELL HOTCHKISS

FRANKLIN DAVID HUGGINS

WILLIAM GUS JAMES

MARY DIEZEL JANOWSKI, Honors in Liberal Arts and Sciences with Distinction in Bacteriology

MARTIN VICTOR JEAN

GENE VERNON KNAPP

VERA M. KOZIJ

PATRICIA ANN LAY, Honors in Liberal Arts and Sciences with Distinction in Bacteriology

VIVIEN PATRICIA LEE

JANICE LEWIS

EDWIN JOSEPH LUDTKE

RICHARD JOHN MANN

RONALD JOSEPH MARS

JOHN BARRY MARZUKE

JAMES LEIDIGH MATHIS

MARK ANTHONY PAVIA

ROBERT WALTER PETRUSKEVICH

GATIS PLUME

BARBARA MARIA PULLMAN

MURNA JEAN RAFF

JAMES MILTON RICHEY III

STEPHEN EUGENE SAFLY

ALAN MERRILL SCHUMAN

PAL SOHAR

ALAN CLARENCE SWANSON

GAIL ELLSWORTH THWING

CATHERINE STANLEY TIFFIN, Honors in Liberal Arts and Sciences with High Distinction in Psychology

ROBERT JOHN WENZEL

KENNETH LEE WILLIAMS

DONALD ARTHUR WINDSOR

SAUL ALLEN YANKOFKY, Honors in
Liberal Arts and Sciences with
Distinction in Bacteriology

JOHN HENRY YOUNG, Honors in Liberal
Arts and Sciences

In the Teaching of the Biological Sciences and General Science

BEATRICE BIEN

VIRGIL FRANKLIN BOUSMAN, Honors in
Liberal Arts and Sciences with
Distinction in the Curriculum

LEON DELANO EISENHAUER

JAMES HARRIS ENDERSON
NICK EARL ZENZEN

In the Teaching of Geography

RAYMOND JAMES CARTY, JR.

In the Teaching of Mathematics

ALICE MINNIE ALDERSON, Honors in Liberal Arts and Sciences

COLLEGE OF LAW

Degree of Bachelor of Laws

REBECCA JEAN AYARS, A.B., 1956
PHILIP LOUIS BALL, B.S., 1956
FREDERICK LOUIS BEHREND, B.S., 1954
DONALD CHARLES DIETEMANN, A.B.,
1953
LEONELLE H. GARBS
EUGENE NOLAND HAMILTON, A.B., 1955
DANIEL HOSEMAN, A.B., 1957
GEORGE WILLIAMS HOWARD III, A.B.,
1956; High Honors
RICHARD KIRK, A.B., 1954; Honors
CARL JENNINGS LANE, JR., A.B., 1954
DONALD BERNARD LEMERSAL, B.S., Uni-
versity of Notre Dame, 1953
ARTHUR MARSHALL LERNER, A.B., 1957
RICHARD IRVING MARBLESTONE, B.S.,
Washington University, 1954

LUTHER CASWELL MCKINNEY, B.S.,
Iowa State College, 1953
MARGARET REESE MIDDLETON, B.S.,
1936
GERALD KAZUYUKI NAKAMURA, B.S.,
University of Hawaii, 1956
ANDREW ALAN SEMMELMAN, A.B.,
Lake Forest College, 1953
DAVID JAMES SHANKS, A.B., 1954
THOMAS RICHARD SULLIVAN, A.B., 1954
RICHARD SWANSON, B.S., 1955
JOHN RICHARD TRIPP
ROMAYNE CLARE WICKLUND, B.S., 1951
HAROLD MAYNARD WILSON, JR., A.B.,
1957

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In Education

LINDA WHITTENBERG AHRENKIEL, High
Honors
DONALD JOSEPH DONATT
PEARL ELOVITZ
KARA APPELEGATE GRIDER, Honors

RICHARD ROY LOTZ
YVONNE ARABELLE WOODY McELROY
ROBERT EDWARD REED
MARILYN JUNE WILSON

In Elementary Education

ALICE JOAN BAULING, Highest Honors
EDITH MARGARET BOYD, Highest
Honors
JOAN ROSE BURDICK, Highest Honors
SHARON BYRON
SALLIE JOAN CAPP, High Honors
PATRICIA ANN CAVIN
KAREN RYDIN COLLINS
DORA LEE CRAIG
MARILYN JOAN DAY

MARTHEL SCHWEIKERT DELANEY
KAREN MARIE DOMKE
JOYCE MINCEY EVANS
SUE SARVER GLEIM
NORMA ALYNE GREEN
PATRICIA DIANE GRENKO
NADINE ELLEN GULLEY
LORRAINE ALONNA HOPKINS HARDING
MARILYN ANN HILGERT
BETTY LOU HOFFMAN

GLENDORA MOUGIN HUTSON
 CAROLYN FRY KITCHEN
 ENID CLAIRE KOSBIE
 PATRICIA ANN LINK
 ELAINE ETHEL MARCUS
 RUTH MEDWEDOWSKY
 WILLIAM ANTHONY MELVIN
 DIANE LUCILLE NASIATKA, Honors

DELORES ANN POWDER
 ANITA GEGEL SAUERWEIN
 CAROL VIRGINIA SCHAACK
 DIANE SCHWARTZ SHLENS, Honors
 FRANCES BOSTWICK STEVENS, Highest
 Honors
 JOYCE ELAINE TUNIK, High Honors
 NANCY JOAN TYNER

In Industrial Education

LOUIS MICHAEL CONN
 CHARLES TOSHIHARU Iwai

HARRY MARTIN PEIFER, JR.
 EDWARD ADAM POLOMSKI

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

JAMES RICHARD ALLINGTON
 PAUL DUANE BOLLIGER
 ROBERT EMMET DUNWORTH
 JOHN ROBERT FIELDS
 MICHAEL EDWARD FOX, High Honors
 BERNARD BENJAMIN FRUCHTER, Honors
 MILAN GNJATOVICH
 WILLIAM ARTHUR GRAY
 BUREN THOMAS HAYNES
 WILLIAM ROLAND HINKLE
 CARL EDWARD JOHNSON, JR.
 HENRIKAS LAUCIUS
 ARTHUR NEAL LAUDEMAN
 CHARLES EDWIN LEVERICH
 JOHN EDWARD LIVELY

BILL GENE MACK
 JOHN KENT MCCORD
 GENE ALLEN MCGRAW
 ROBERT PAUL MINTZ
 THOMAS EDWARD PETERSON
 DANIEL BERTRAM RODGERS
 DONALD ARTHUR SMITH
 PHILIP SMITH
 ROBERT ARNOLD SPRAETZ
 RAYMOND DANIEL STURM
 DONALD JOHN TODD
 THOMAS HARRY VARNER
 BRUCE BOYD WIEMER
 ARLAN DEAN WILLOCK
 JAMES FREDERICH YAHNKE

In Accountancy and Management

DONALD EDMUND GURNEY

In Commerce and Law

HOWARD IRA BASS
 THOMAS MICHAEL LAMKIN

GARY JOSEPH LEONARDO

In Commercial Teaching

DORIS MARIE CARLBERG
 SHIRLEY DELORES DEAN

SARAH ANNE ROBINSON

In Economics

THOMAS PATRICK GALLAGHER
 WAYNE JEROL HUBBERT
 JOHN LASSITER, JR.
 WILLIAM ROBERT LAUER
 WILLIAM GENE MCCORD

ROBERT EUGENE MCKENZIE
 BERNARD LEE NOVEMBER
 RICHARD LEO SARFONT
 JAMES PATRICK SAVAGE, JR.

In Finance

ANTOINE JEAN ARNAUDY
 GEORGE RICHARD BROKEMOND
 DONALD GERARDE BUCHE
 CHARLES DAHNCKE, JR.
 DAVID ANTHONY DALEIDEN, Honors
 ERNEST DONALD DiMONTE, Jr.
 JEROME JOSEPH GINSBURG

WILLIAM HERBERT KESTAS
 RICHARD DOUGLAS KOELLER
 JOHN HAMILTON LEE
 ROBERT CHARLES O'CONNELL
 LARRY POLLOCK
 HOWARD FRED SAUERMAN

In Industrial Administration

JOHN ANTHONY FURNO
GERALD EDWARD JOHNSON

PHILIP ELRAY WHITESIDE

In Management

RONALD KENT AHRENS
HERBERT SAUL BADAL
EDWARD FRANCIS BAGDONAS
JAMES WILLIAM BARKWILL
BRUCE McCAW BAXTER
ROBERT PAYNE BENSON
ANDREW LAWRENCE BUCH
ARTHUR FRANCIS CALLAHAN
THOMAS DOCKLER CLARIDGE
ROBERT WILLIAM DENOMY
JOHN CHARLES DIBBLE
GEORGE PETER FATTA
SAMUEL HOPE FRANK
ALAN EUGENE FRAZELLE
FRANKLIN THOMAS GURNEY
KENNETH LeROY HALLBERG
JACK WAYNE HENDRYX

JAMES RAYMOND HOFFNER
ELWYN BERNARD JOHNSON
JUEL LEE
FRANCIS HEBEL MALONE
JOHN MICHAEL POLLACI
FRANK UNWIN PONTIOUS
ROBERT RONALD RIEDLE
JOHN PETER RIFAKES
IRA EUGENE SHAFFER
ROGER LEE STANGE
RICHARD DANIEL STARMANN
WILLIAM JOSEPH SULLIVAN
EDWARD JOSEPH TANOUS
ROGER SCOTT VAN ADESTINE
RICHARD LEE VERKLER
ERIC GUNNARD WALLDEN
RONALD KUHN WIKER

In Marketing

ROBERT FRANKLIN ANDERSON
SILVIO JOSEPH ARGENTIN
JOHN JOSEPH BOWES
JAMES WAYNE BRYANT
RICHARD JAMES COSTIN
ALFRED JOSEPH DUWAL
JOHN REAVES EVANS
FREDRIC SIDNEY FREEARK
JOHN THOMAS FUHRMAN
BURTON FRANK GRANT
ROBERT ROLAND GUY
HENRY BERTON HOUSH II
CHARLES EDWARD IVEY

LOWELL BRUCE JOHNSON
RICHARD GARY KARLOV
GLENN PETER MACNERLAND
RICHARD ARNOLD McCANDLESS
EDWARD GERARD McGRATH, Honors
ROBERT STANLEY RODINE
ARTHUR DEAN SEDGWICK
HERBERT PAUL STEPHAN
ROGER RAYMOND STREIBICH
ALPHA COSLER TEBBETTS
RICHARD ALLEN VANCE
PETER PAUL WEISS
NEIL EDWARD WILEY

In Secretarial Training

EVELYN SAAM CARLSON

COLLEGE OF JOURNALISM AND COMMUNICATIONS

Degree of Bachelor of Science

In Journalism

NEIL ROBERTS ARENDS
RICHARD GARWOOD BATTLES
JUDITH ROYCE BELT
KENNETH LEE BROWN
ALFRED SIDNEY CHIPPRIN
CHARLES WALTER CHUDEK
EDWARD EWING DeLONG III
JIM FRANK De MUNNO
SHIRLEY OGDEN EARNST
DONALD ELWOOD FLYTE
ELLSWORTH BERTRAND FRANKSON
ERNEST CHARLES HUMPHREY
RONALD STEWART KAISER
DANIEL CLYDE KIBBIE
MARSHALL ALLAN LIPSON
PATRICIA MASAKO MATSUMOTO
MARGARET ANNE MCCARTHY

EDWARD THOMAS McNAMARA, Honors
HELEN MARY MILECKI
RICHARD DOWELL MILLS
JOANNE MITCHELL
MARGARET JOAN MOOTS
NILS NORMAN PEDERSEN
JERRY POLLACK
PAULINE JEANETTE QUINCI
RALPH CARROLL RENO, JR.
RONALD DEAN SCHAFFER
RICHARD KENNETH SMITH
NORMAN SNITOVSKY
CHARLES GEORGE SOTIR
CAROL JEAN TRACHTENBERG
WAYNE HOOSE WEBER, JR.
GERALD HOWARD WINNICK

COLLEGE OF FINE AND APPLIED ARTS**Degree of Bachelor of Architecture**

HIROSHI ABE	MARIO ROY LA MENDOLA
DALE RAY BIRTCH	OSCAR EMIL LEIDENFROST
CLARK FOREST BUTTS, High Honors	THEODORE LEONARD MULARZ
ARTURO CERPELLI	FREDERICK DAVID NEILSON
SAIFOOK CHAN	JACK EDMUND OLSEN
DANIEL BARNEY CZEKANSKI	WARREN GUY OLSEN
ROBERT BERNARD DREWS	JOHN KARL PAULSON
THOMAS EDWARD FENNELL, JR.	ROBERT LITTELL PAYNTER, High Honors
CURTIS EDWARD FLANNERY	GEORGE HOWARD PEABODY, JR.
DONALD LEE FORE	ROBERT LEE PECHNICK, Honors
SHERMAN GERBER	PHILLIP NEALE PERRY
DAVID WILLIAM GILLETTE	THOMAS HENRY PLUNKETT
THOMAS DAVID GREEN, Honors	BETTY JANE RITTER
DONALD FRED GRONERT	MICHAEL LEE ROSEN
MICHAEL KENNETH HOFFNER	CHARLES BRADLEY RUSSELL
ROBERT YUAN CHUN HSIUNG, Highest Honors	JOHN FREDRICK SWINDELL
THOMAS IRVIN HUMES	ANDREW MICHAEL TOTH
NORMAN TAKAO ISHIKAWA	CHARLES PHILIP VERMEYEN
DONALD KARL JOHANSON	RAY BRADLEY WEISENBURGER
MOOJAN KHADEMNEH	FORREST DUANE WENDT
WALTER LESTER KRATZ, High Honors	RICHARD ANTON WESTERGREIN

Degree of Bachelor of Fine Arts*In Advertising Design*

RICHARD BRUCE HUBERT	FRANK ROBERT LOUIS
FRANCES SACHIE ICE	CHARLES RICHARD VERRET
LOIS HOUSER LIVELY	

In Art Education

BETTE ADELE AIMONE	SHARON KATHRYN MCNERNEY
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In Industrial Design

CHARLES JOHN BEDNAR	CARL OLIVER SCHLINGER
JOHN LYLE BERMAN	JANICE ROETH SCHUETZE
ROBERT ALEX BUTKUS	BERWYN EUGENE SHANE
JOHN PETER CHALLAS	EDWARD STANLEY SIPOWICZ
JACK MENDELSON	GEORGE RONALD SONNENLEITER
ROBERT JOHN MUELLER	RICHARD KENNETH THOMAS
STANLEY PHILLIP NASH	DONALD GORDON WOLFE

Degree of Bachelor of Music

PATRICK WINCHESTER COLLINS, Honors	CAROLYN JOYCE MITCHELL
THOMAS LEE GAUGER	RALPH FRED PAHLOW

Degree of Bachelor of Science*In City Planning*

RUDOLF BERNART HABBen

In Music Education

JOHN DENIS BRAHMS, Honors	JEAN NICOLETTI RAYMOND
MARIANNE IVEY, Honors	MARJORIE ALICE ROBERTSON, Highest Honors
BARBARA JOAN KILBURN	PETER FRANK SCHUETZ, High Honors
FRANK LICHTENSTEIN, Honors	PAULA LEE SILVERMAN
CLARETTA LAFFERTY METZGER, High Honors	ANN MILLCENT WIDEROE, High Honors
DANLEE GEORGE MITCHELL, Highest Honors	EDMUND CHESTER WILLIAMS, Honors
WILLIAM WARREN OLSON	PHILLIP WAYNE WINTERGERST
	EUGENE LEON YINGLING

COLLEGE OF PHYSICAL EDUCATION**Degree of Bachelor of Science***In Physical Education*

LLOYD ARTHUR ATWELL
 JUDITH MAE BAYER
 MILDA ELEONOR BRENCIUS
 LAWRENCE GEORGE BREYFOGLE
 ALBERT FREDERICK CAMPBELL, JR.
 ROBERT FRANCIS DELANEY
 DALE HOMER FLACH
 SARAH GIPSON, Honors
 MARGARET HOLTON HYDEN
 MARSHA KAIN
 DONALD KARAMITSOS
 MITCHELL MCBRIDE

WAYNE EARL MCGEE
 LARRY JON MEYERS
 CHARLES ERNEST RAMSER
 LINDA DUNCANSON RENKES, Honors
 WESLEY ELMER SELL
 RONALD FRED SPAMER
 HERBERT EDGAR TELLFORS
 JEROME JAMES VIZEK
 JOHN FRANCIS VOYDA
 MICHAEL WILEY WALTERS
 HARVEY WALLACE WELTMAN
 DANIEL RAYMOND WILE

In Recreation

SAMUEL EUGENE HILL
 JAMES WILLIAM HLAVACEK

MARYHELEN CECILIA RYAN
 JEAN MARIE SUMRALL

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS**Degree of Bachelor of Science**

DARRELL EUGENE BURCHAM
 HARRY PAUL COCHRAN
 CHARLES EDWARD CONNORS
 EUGENE ANTHONY COSTABILE
 JERRY IVAN DODDS
 PAUL ANTHONY DRISCOLL
 ERNEST FRANCIS DYNDIA
 HENRY LAMAR EATON
 GERALD ALLEN FEHD
 EDWARD FREDERICK FREDERKING
 THOMAS MICHAEL GARDNER
 JACK HARLAN GERMAINE
 JOHN WILES GORDON
 DONALD MAURICE GREENLEE
 KENNETH WAYNE HELMICH
 DON THOMAS HODGSON
 RICHARD EARL HOHL
 CARL FORREST HOOVER
 RONALD CARL JESS
 BRUCE ROBERT JOHNSON
 ROSS ALAN KINGERY

JAMES WILLIAM LEISTER
 FRANK JOHN LUCE
 ROY MARVIN MANNIN
 ROBERT EMMIT MATTHEWS
 CALDWELL DONALD MEYERS
 JAMES EDWARD MOORE
 WILLIAM GORDON MOREZ
 ARTHUR JAMES MORGAN
 WAYNE JESSE PAINTER
 ROBERT EDWARD PETERS
 BILLY GENE PINKSTAFF
 VICTOR LAWRENCE PITON
 FREDERICK WILLIAM PRATT
 ROBERT FRANCIS REGAN
 NELSON ELBERT ROBERTS
 DAVID LYNN SCHERT
 LYLE EDWARD SYKORA
 JOSEPH LOUIS TOMEI
 KENNETH LEE VON BEHREN, Honors
 JESSE OSCAR WEAVER
 NOEL BIRELY ZABRISKIE

*Degree Conferred at Chicago***COLLEGE OF PHARMACY****Degree of Bachelor of Science in Pharmacy**

(Conferred December 20, 1958)

FRED MYRON BAN

APRIL AND MAY BOARD MEETINGS

On motion of Mr. Swain, the Board voted to hold its April meeting in Urbana, on Tuesday, April 14, 1959, at an hour and place to be arranged by the President and Secretary of the Board.

Mr. Herrick suggested that the Board hold one of its spring meetings in Urbana on a Saturday.

On motion of Mr. Swain, the Board voted to hold its May meeting on Saturday, May 16, 1959, at an hour and place to be arranged by the President and Secretary of the Board.

STATEMENTS BY RETIRING TRUSTEES

Mr. Bissell, Mrs. Holt, and Mr. Livingston each made a brief statement expressing pleasure in having served on the Board of Trustees, Mr. Livingston since 1941, Mrs. Holt since 1947, and Mr. Bissell since 1953.

On motion of Mr. Bissell, the Board adjourned.

A. J. JANATA
Secretary

PARK LIVINGSTON
President

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

March 12, 1959



The annual meeting of the Board of Trustees of the University of Illinois was held in the Illini Union Building, at Urbana, Illinois, on Thursday, March 12, 1959, beginning at 12:00 noon.

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 Gordon N. Ray, Dr. H. E. Longenecker, Vice-President in charge of the Chicago Professional Colleges, Director C. S. Havens of the Physical Plant Department, Mr. Ralph F. Lesemann, Legal Counsel, Mr. C. E. Flynn, Director of Public Information, Mr. J. S. Begando, Assistant to the President, Mr. William H. Rice, Administrative Assistant in the President's Office, Mr. George H. Bargh, Administrative Assistant in the President's Office; and officers of the Board, Mr. H. O. Farber, Comptroller, and Mr. A. J. Janata, Secretary.

ELECTION OF TEMPORARY CHAIRMAN

The office of President of the Board of Trustees being vacant, Mr. Wayne A. Johnston nominated Mr. Wirt Herrick as President, *Pro Tempore*, of the meeting. Mr. Herrick was so elected by acclamation and took the chair.

ELECTION OF OFFICERS**President of the Board**

Mr. Herrick called for nominations for the office of President of the Board of Trustees.

Mr. Johnston nominated Mr. Kenney E. Williamson. Mr. Harewood seconded the nomination.

On motion of Mr. Harold Pogue, the nominations were closed, and the Secretary was instructed to cast the unanimous ballot of the Board for the election of Mr. Kenney E. Williamson as President, to serve until the next annual meeting of the Board of Trustees in March, 1960, or until his successor shall have been elected and qualified.

Mr. Williamson took the chair and expressed his appreciation of the confidence of the Board in electing him to this office.

Secretary of the Board

Mr. Swain nominated Mr. A. J. Janata as Secretary of the Board. Mr. Hughes seconded the nomination.

On motion of Mr. Johnston, the nominations were closed and Mr. Janata was unanimously elected as Secretary of the Board of Trustees to serve until the next annual meeting in March, 1960, or until his successor shall have been elected and qualified.

Comptroller of the Board

Mr. Herrick nominated Mr. H. O. Farber as Comptroller of the Board. Mr. Clement 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 the election of Mr. Farber as Comptroller of the Board of Trustees to serve until the next annual meeting in March, 1960, or until his successor shall have been elected and qualified.

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. Mr. Harewood seconded the nominations.

On motion of Mr. Hughes, the nominations were closed, and the Secretary was instructed to cast the unanimous ballot of the Board for Mrs. Watkins and Mr. Johnston as members of the Executive Committee of the Board of Trustees to serve until the next annual meeting in March, 1960, or until their successors shall have been elected.

Treasurer of the Board

Mr. Hughes nominated Mr. C. W. Weldon as Treasurer of the Board. Mr. Johnston seconded the nomination.

On motion of Mr. Swain, 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, 1961 (March 14, 1961), or until his successor shall have been elected and qualified, in accordance with the statutory provision of a biennial term for Treasurer.

TREASURER'S BOND

On motion of Mr. Herrick, seconded by Mr. Swain, the amount of the Treasurer's bond was fixed at \$6,000,000.

On motion of Mr. Herrick, seconded by Mr. Johnston, the Finance Committee was instructed to see that the Treasurer presents a satisfactory bond in the amount specified above and to report the same to the Board.

AUTHORITY TO RECEIVE MONEYS

Mrs. Watkins 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 or the University of Illinois.

This 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.

DELEGATION OF SIGNATURES

Mr. Johnston 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, and to H. A. Hazleton, 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 H. A. Hazleton, 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 Helen Wyle, to Lucile Nedwick, and to Velma M. Davis 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 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.

STANDING COMMITTEES FOR 1959-60

The President of the Board has appointed the following standing committees of the Board of Trustees to serve during the year 1959-60, or until their successors have been appointed following the annual meeting of the Board of Trustees in March, 1960.

Agriculture

MR. EARL M. HUGHES, Chairman
MR. WIRT HERRICK
MR. HAROLD POGUE

Alumni

MR. HOWARD W. CLEMENT, Chairman
MR. TIMOTHY W. SWAIN
MRS. FRANCES B. WATKINS

Athletic Activities

MR. WIRT HERRICK, Chairman
MR. RICHARD A. HAREWOOD
MR. HAROLD POGUE

Buildings and Grounds

MR. HAROLD POGUE, Chairman
MR. HOWARD W. CLEMENT
MR. RICHARD A. HAREWOOD
MR. EARL M. HUGHES
MR. WAYNE A. JOHNSTON
MR. TIMOTHY W. SWAIN

Chicago Departments

MRS. FRANCES B. WATKINS, Chairman
MR. WAYNE A. JOHNSTON
MR. HAROLD POGUE

Finance

MR. TIMOTHY W. SWAIN, Chairman
MR. WAYNE A. JOHNSTON
MRS. FRANCES B. WATKINS

General Policy

MR. WAYNE A. JOHNSTON, Chairman
MR. RICHARD A. HAREWOOD
MR. HAROLD POGUE
MR. TIMOTHY W. SWAIN
MRS. FRANCES B. WATKINS

Nonacademic Personnel

Also representatives on the
Civil Service Merit Board
MR. TIMOTHY W. SWAIN, Chairman
MR. WIRT HERRICK
MR. HAROLD POGUE

Patents

MR. HOWARD W. CLEMENT, Chairman
MR. RICHARD A. HAREWOOD
MR. TIMOTHY W. SWAIN

Student Welfare and Activities

MR. RICHARD A. HAREWOOD, Chairman
MR. EARL M. HUGHES
MRS. FRANCES B. WATKINS

University Retirement System Representatives

MR. WIRT HERRICK
MR. EARL M. HUGHES
MR. KENNEY E. WILLIAMSON

NEW TRUSTEES

Mrs. Watkins welcomed the new Trustees, Mr. Howard W. Clement, Mr. Richard A. Harewood, and Mr. Harold Pogue, to the Board, and spoke briefly on the role of the Board of Trustees in the administration of the University of Illinois. Her remarks included the following:

"I would like to say a few words of welcome to the new Trustees who are joining the Board at this meeting today.

"You have before you six very interesting years of work for your University.

"Our Board is an unusual one. Although our members are elected in a state-wide election on a partisan basis, once they have joined the Board all have become members of one party — the pro-University party.

"With the Board working together for the good of the University, and cooperating with its outstanding administrators like President Henry and with our fine faculty, the University of Illinois has become one of the great universities of this country.

"We hope you will receive a great satisfaction from your part in promoting the continued progress of the University."

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. HAROLD R. ENGLANDER, Assistant Professor of Applied Materia Medica and Therapeutics, College of Dentistry, beginning March 1, 1959, at an annual salary of \$11,500 (DY).
2. MRS. MARÍA-ROSA MALKIEL, George A. Miller Visiting Professor of Spanish and Italian, beginning September 16, 1959, at an annual salary of \$11,000 (E).
3. C. NORTHCOTE PARKINSON, George A. Miller Visiting Professor of History and of Political Science, first semester of 1959-60, at a salary of \$6,000 (G).
4. ANDREW G. PASK, Visiting Research Assistant Professor of Electrical Engineering, for six months from March 1, 1959, at a salary of \$4,500 (DY).
5. RONALD SINGER, Visiting Associate Professor of Anatomy, beginning September 1, 1959, at an annual salary of \$11,730 (DY).

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

APPOINTMENT OF ASSISTANT DIRECTOR OF ATHLETICS

(2) The Director of Intercollegiate Athletics reports that Mr. Ray Eliot, Associate Professor of Physical Education for Men and Head Football Coach, has requested that he be permitted to give up his duties as Head Football Coach at the close of the 1959 football season so that he may accept appointment as Assistant Director of Athletics at the University of Illinois.

This proposal has been discussed with me by the parties concerned. I concur in the judgment of the Director of Athletics and his Board of Directors that this additional administrative service is much needed in the Department of Intercollegiate Athletics.

It should be noted that the position of Assistant Director is not new at Illinois, and that many athletic departments of other universities have such an administrative position — in fact, some have more than one assistant director. The position of Assistant Director at the University of Illinois has been held in the past by the late Carl L. Lundgren and Walter H. Roettger but has not been filled since the death of the latter. The increased responsibilities presented by the initiation of new programs, such as grants-in-aid, the increase in public relations contacts, and the day-to-day internal administrative load make it necessary to fill this position. It is fortunate that the University has a man of Mr. Eliot's professional background and experience, including twenty-two years on the staff, seventeen of them as Head Football Coach, available to fill this position.

On recommendation of the Director of Intercollegiate Athletics, the Board of Directors of the Athletic Association has approved Mr. Eliot's request and has appointed him Assistant Director of Athletics at the University effective January 1, 1960, subject to the concurrence of the Board of Trustees. I join in this recommendation.

A discussion of this recommendation followed its presentation, all the Trustees present participating, with tributes paid to Mr. Eliot for

his services to the University of Illinois as a student, as a member of the faculty, and as Head Football Coach.

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

On motion of Mrs. Watkins, seconded by Mr. Harewood, the Secretary of the Board was requested to send a letter to Mr. Eliot on behalf of the Board of Trustees conveying to him the expressions of appreciation and tributes paid at the meeting.

HEADSHIP OF THE DEPARTMENT OF OPHTHALMOLOGY

(3) The Dean of the College of Medicine and the Vice-President in charge of the Chicago Professional Colleges recommend the appointment of Dr. Peter C. Kronfeld, now Professor of Ophthalmology on 70 per cent time, as Professor of Ophthalmology, on indefinite tenure, and Head of the Department of Ophthalmology in the College of Medicine and Ophthalmologist-in-Chief in the Research and Educational Hospitals and in the Illinois Eye and Ear Infirmary, on full time, beginning April 1, 1959, at an annual salary of \$20,000 (AY).

This appointment is to fill the vacancy created by the resignation of Dr. William F. Hughes, former Head of the Department, who asked to be relieved of his administrative duties but who is continuing to serve on the faculty as Clinical Professor without salary. In the meantime, Dr. H. L. Wilder, Assistant Professor of Ophthalmology, has been serving as Acting Head of the Department.

The nomination of Dr. Kronfeld was made by a search committee appointed by the Dean last year, and all members of the department of professorial rank have been consulted. The Vice-President and Provost and the Dean of the Graduate College concur in this appointment.

I recommend approval.

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

APPOINTMENTS TO THE BOARD OF DIRECTORS OF THE ATHLETIC ASSOCIATION

(4) Pursuant to the provisions in the Articles of Incorporation of the University of Illinois Athletic Association, I submit herewith nominations for appointments and reappointments, as indicated in each case, to its Board of Directors 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 1960, or until the successors of these directors have been appointed.

Faculty

ROBERT B. BROWNE, Professor of Education, Dean of the Division of University Extension, and Dean of the Summer Session (reappointment; has served since 1955)

KENNETH J. TRIGGER, Professor of Mechanical Engineering (reappointment; has served since 1956)

H. KENNETH ALLEN, Professor of Economics (reappointment; has served since 1957)

JOSEPH A. RUSSELL, Professor and Head of the Department of Geography (reappointment; Professor Russell has served since October 1, 1958; he was appointed to fill the vacancy created by the resignation from the University of Professor Marcus M. Rhoades, who was appointed in March, 1958)

Alumni

JOHN A. HOBART, Class of 1938, Vice-President, C. J. Duffey Paper Company, Rock Island, Illinois; residence, 2320 Thirteenth Street, Moline, Illinois (reappointment; has served since 1956)

CHARLES V. HALL, Class of 1931, 102 North Street, Normal, Illinois (reappointment; has served since 1957)

DUANE A. CULLINAN, Class of 1937, 1617 Eighth Street, Pekin, Illinois (Mr. Cullinan will replace Mr. William F. Hahne, Class of 1922, who has served on the Board since March, 1955)

On motion of Mr. Swain, the recommendations of the President were approved.

APPOINTMENT OF DELEGATE TO ILLINOIS COMMISSION OF HIGHER EDUCATION

(5) The Act of the Seventieth General Assembly of Illinois creating "The Commission of Higher Education" provides that the Commission shall be advised by a Committee of Delegates to include one member of the Board of Trustees of the University of Illinois, one member from the Board of Southern Illinois University, and one member from the Teachers College Board, to be selected by their respective boards; two members selected by the Commission from governing boards of private institutions of higher education and one member selected by the Commission from governing boards of junior colleges.

The Board of Trustees of the University of Illinois designated Mr. Park Livingston as its representative on the Committee of Delegates and authorized him to designate another member of the Board to replace him when he could not attend meetings. Since Mr. Livingston is no longer a member of the Board of Trustees, another representative should be designated. Mrs. Watkins has been attending meetings as Mr. Livingston's alternate.

On motion of Mr. Herrick, Mrs. Watkins was designated to serve as delegate until appointments to the standing committees have been made.

SABBATICAL LEAVES OF ABSENCE, 1959-60

(6) I recommend that the following members of the staff be given sabbatical leaves of absence during the academic year 1959-60 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 Agricultural Economics

GARRET L. JORDAN, Professor of Agricultural Economics, six months beginning September 1, 1959, full pay; to study the agriculture of Latin America.

Department of Agronomy

DENTON E. ALEXANDER, Associate Professor of Agronomy, six months beginning September 1, 1959, full pay; to assemble and summarize genetic data, and to study maize genetics and breeding in Mexico.

JOHN B. HANSON, Associate Professor of Agronomy and of Botany, full year beginning September 1, 1959, one-half pay; to study the biochemistry of plant cytoplasm, research to be done at the University of Adelaide, Australia.

ARNOLD KLUTE, Associate Professor of Soil Physics, six months beginning March 1, 1960, full pay; to study the physical state of soil water at the United States Salinity Laboratory, Riverside, California, and for research on the effect of temperature on water in soil.

RUSSELL T. ODELL, Professor of Soil Physics, one-half year, full pay, beginning September 1, 1959; to study soils in California and other parts of western United States for improvement of teaching and preparation of a monograph.

FRED W. SLIFE, Associate Professor of Crop Production, six months beginning February 1, 1960, full pay; to do research at the University of California at Davis on soil residues of chemicals used for weed control.

Department of Dairy Science

KARL E. GARDNER, Professor of Nutrition, six months beginning March 1, 1960, full pay; leave contingent upon financial assistance from other sources; to study dairy cattle nutrition at Rowett Research Institute, Bucksburn, Aberdeenshire, Scotland.

College of Commerce and Business Administration

H. KENNETH ALLEN, Professor of Economics, second semester, full pay; to study the development and current status of intergovernmental fiscal relations in Great Britain.

College of Education

- FRED P. BARNES, Professor of Education, first semester, full pay; to write a book on research methods for practicing teachers and administrators.
- GLENN M. BLAIR, Professor of Education, first semester, full pay; for a psychological analysis of teaching methods in secondary schools in England, France, and Germany.
- GEORGE P. DEYOE, Professor of Agricultural Education, six months beginning February 1, 1960, full pay; to study the expanding technology, its effect on farming, and some of its implications for agricultural education.
- HAROLD C. HAND, Professor of Education, first semester, full pay; for systematic studies of curriculum changes in secondary schools in the United States.
- ANN JEWETT, Associate Professor of Education and of Physical Education, second semester, full pay; for an intensive study of the physical education curriculum.
- WALTER J. MOORE, Associate Professor of Education, first semester, full pay; to study the use and effectiveness of the typewriter in middle grades.
- FRED C. PROFF, Professor of Education, first semester, full pay; to study the counseling process in group setting.
- ROBERT A. TINKHAM, Associate Professor of Industrial Education, first semester, full pay; for a study of design teaching methods in the United States.

College of Engineering*Department of Civil Engineering*

- MILTON O. SCHMIDT, Professor of Civil Engineering, full year, one-half pay; for independent and consultative study in geodesy in Switzerland, to visit other centers of geodetic activity in Germany, the Netherlands, Great Britain, and to attend the Twelfth General Assembly of the International Union of Geodesy and Geophysics in Helsinki, Finland.

Control Systems Laboratory

- NORMAN KNABLE, Research Assistant Professor, full year, one-half pay; for research in optical pumping, to be done in Washington, D.C.

Department of Physics

- JAMES S. ALLEN, Professor of Physics, second semester, full pay; for research in high energy nuclear physics in the laboratory of the European Council for Nuclear Research in Geneva, Switzerland.

College of Fine and Applied Arts*Department of Architecture*

- CHARLES B. LOOKER, JR., Associate Professor of Architecture, first semester, full pay; for research and consultation at other institutions and for study of the teaching of the theory of architecture, work to be done in the New York and Boston areas.
- ELMER I. LOVE, Professor of Architecture, full year, one-half pay; for a study of twentieth century architecture and contemporary arts and crafts in Italy, France, Germany, Japan, South Pacific, India, Turkey, and Greece.
- FREDERICK D. MILES, Associate Professor of Architecture, full year, one-half pay, or one-half year, full pay; full-year leave contingent upon financial assistance from other sources; for a study to devise new concepts for long-span roof construction in structures utilizing the principle of suspension; observation of urban renewal and city planning developments; work to be done in European cities.

School of Music

- GORDON W. BINKERD, Associate Professor of Music, full year: one semester on one-half pay and one semester without pay; leave contingent upon receipt of a grant from the Guggenheim Foundation; to write a concerto for piano and orchestra, work to be done at Saratoga Springs, New York, and at Urbana.
- BRUCE R. FOOTE, Professor of Music, second semester, full pay; to work on a compilation of English songs, work to be done in England.
- JOHN GARVEY, Associate Professor of Music and Artist-in-Residence, second semester, full pay; to study the technical aspects of chamber music playing in Europe.

BERNARD M. GOODMAN, Professor of Music and Artist-in-Residence, second semester, full pay; for private study with the conductor of the Cleveland Orchestra, Dr. George Szell; to visit and observe other distinguished symphony conductors; and to visit music schools of Oberlin, Juilliard, Curtis, Eastman.

BENJAMIN B. JOHNSTON, JR., Assistant Professor of Music and of Physical Education for Women, full year, one-half pay; leave contingent upon receipt of a grant of a Guggenheim and/or Fulbright award; to investigate music theory on gamut of tones, a new approach to the physical nature of pitch in relation to musical composition.

CLAUDE V. PALISCA, Assistant Professor of Music, full year, one-half pay; to complete a book on the role of humanism in Italian musical thought in the fifteenth and sixteenth centuries, working in Italy, Paris, and London.

HOMER SCHMITT, Associate Professor of Music and Artist-in-Residence, second semester, full pay; to prepare a report on techniques of teaching violin and to prepare editions of the string quartets of Haydn and Beethoven.

ROBERT H. SWENSON, Associate Professor of Music and Artist-in-Residence, second semester, full pay; to write a monograph on the art of teaching and playing cello.

College of Journalism and Communications

Department of Advertising

LESLIE W. MCCLURE, Professor of Advertising, second semester, full pay; to study research by advertising media for use in promotion, work to be done in New York City and Los Angeles.

Department of Journalism

LAWRENCE W. MURPHY, Professor of Journalism, first semester, full pay; to continue a study of the effect of chain ownership of newspapers on reading matter, work to be done in various places in the United States.

Institute of Communications Research

DALLAS W. SMYTHE, Research Professor of Communications and Acting Director of the Institute of Communications Research, first semester, full pay; to study communications policy and institutions with particular reference to television, radio, and motion pictures in Western Europe.

Institute of Labor and Industrial Relations

A. J. WANN, Associate Professor of Labor and Industrial Relations, first semester, full pay; for a study of interrelationships of government and politics and labor and industrial relations in South Africa.

College of Law

KENNETH S. CARLSTON, Professor of Law, second semester, full pay; for studies of the theory or methodology of international law or behavioral theory of law, work to be done in the United States.

College of Liberal Arts and Sciences

Department of Botany

JAMES F. NANCE, Associate Professor of Botany, second semester, full pay; for research on enzymes and subcellular particles in laboratories at the University of California at Davis.

Department of Chemistry and Chemical Engineering

IRWIN C. GUNSALUS, Professor of Biochemistry, full year, one-half pay, or second semester, full pay; for research in biochemistry in laboratories in Zurich, Copenhagen, and Paris, and to study methods and organization of departments.

NELSON J. LEONARD, Professor of Organic Chemistry, second semester, full pay; to review literature of organic chemistry, write research papers, develop new research programs, and study alkaloids, in European countries.

HOWARD V. MALMSTADT, Associate Professor of Analytical Chemistry, second semester, full pay; to study new quantitative emission spectrochemical techniques and methods and instrumentation, and automation systems for chemical research laboratories, work to be done in the United States and Europe.

Department of Classics

ALEXANDER TURYN, Professor of Classics, first semester, full pay; for a paleographical study of dated Greek manuscripts of the thirteenth and fourteenth centuries, work to be done in European countries.

Department of English

NUEL DAVIS, Assistant Professor of English, second semester, full pay; leave contingent upon receipt of a Guggenheim fellowship; to co-author biographies of scientists in nuclear and atomic research, Los Alamos, New York, Princeton, and Berkeley.

ROYAL A. GETTMANN, Professor of English, first semester, full pay; to complete manuscript, to study Morley Roberts manuscripts, and to study relations between publishers and authors in nineteenth century England.

PAUL N. LANDIS, Professor of English, full year, one-half pay; for writing and research on place of literature in universal education, work to be done in Urbana and in travel abroad.

SHERMAN PAUL, Professor of English, second semester, full pay; for research on American Transcendentalism, study of the role of the intellectual in democratic society, and study of the conceptual basis for an open democratic society.

ROBERT W. ROGERS, Professor and Head of the Department of English, full year, one-half pay; to complete a biography of Alexander Pope, work to be done in Cambridge, Massachusetts, and England.

Department of French

PHILIP A. WADSWORTH, Professor of French, second semester, full pay; for studies of the reputation and influence of Francois de Malherbe, work to be done in France.

Division of General Studies

JAMES M. MCCRIMMON, Professor of Humanities and Head of Division of General Studies, full year, one-half pay; for construction of a standardized test of writing proficiency.

Department of Geography

JOHN H. GARLAND, Professor of Geography, second semester, full pay; for a series of geographic studies in the northland—Canada, Alaska, Pacific Northwest.

Department of German

JOHN R. FREY, Professor of German, first semester, full pay; for research on German literature, and to consult German scholars and writers in Germany.

HENRI STEGEMEIER, Professor of German, second semester, full pay; for research on German emblem books and study of current culture in Germany.

Department of History

CLARENCE E. DAWN, Associate Professor of History, second semester, full pay; to write a history of the Near East since the rise of Islam.

Department of Political Science

FRANCIS G. WILSON, Professor of Political Science, second semester, full pay; to study the intellectual postulates of Congressmen, Washington, D.C.

Department of Psychology

LEO A. HELLMER, Professor of Psychology, first semester, full pay; to analyze data collected on child behavior and parent-child interaction patterns and to prepare several articles for publication.

DONALD R. PETERSON, Associate Professor of Psychology, full year, one-half pay; for a study in Sicily of parent-child relationships which would parallel a local study.

IVAN D. STEINER, Associate Professor of Psychology, full year, one-half pay; to conceptualize literature on recent social psychological investigations bearing upon group processes and productivity, study to be done in Urbana and at the University of Michigan and Harvard University.

Department of Sociology

JAMES E. HULETT, JR., Professor of Sociology, second semester, full pay; to complete a book on the relation of the individual to his society.

Department of Speech

KENNETH BURNS, Assistant Professor of Speech and of Education, first semester, full pay; to study speech teacher-training programs in other universities and colleges in the United States.

RICHARD MURPHY, Professor of Speech, second semester, full pay; to study the texts of selected celebrated British speeches and to consult with editors of speech journals in the British Isles.

GENEVIEVE RICHARDSON, Assistant Professor of Speech, second semester, full pay; to study significant collections of historic costumes in London, Stockholm, Paris, Vienna, and Siena, and to prepare articles on the history of theatrical costuming.

Department of Zoology

WILBUR M. LUCE, Professor of Zoology, first semester, full pay; for studies and experimentation in irradiation and to write a monograph.

College of Physical Education*Department of Physical Education for Men*

THOMAS K. CURETON, Professor of Physical Education for Men, second semester, full pay; for measurement and evaluation of fitness in Olympic contestants in Rome and to visit other centers in Europe doing research in physical fitness.

Department of Recreation

CHARLES K. BRIGHTBILL, Professor and Head of the Department of Recreation, second semester, full pay; to study newly developed recreational therapy programs in selected neuropsychiatric hospitals, general medical and surgical hospitals, and rehabilitation centers in the United States, Canada, and Europe.

College of Veterinary Medicine

NORMAN D. LEVINE, Professor of Veterinary Parasitology and of Veterinary Research, one-half year beginning February 1, 1960, full pay; to complete a book on veterinary parasitology, work to be done in Urbana and in California.

Chicago Professional Colleges*College of Dentistry*

MAURY MASSLER, Professor and Head of the Department of Pedodontics, six months beginning January 1, 1960, full pay; to help organize the Department of Pedodontics and to give intensive instruction to the teaching staff of that department at the Tokyo Medical and Dental University.

College of Medicine

LOIS E. BINNS, Assistant Professor of Medical Social Work, full year beginning September 1, 1959, one-half pay; to accept an appointment as a Fulbright lecturer on a special project at Birmingham University, England, in psychiatric social work.

MAX E. RAFELSON, JR., Associate Professor of Biological Chemistry, six months beginning September 1, 1959, full pay; to study and do research in protein chemistry and microbial genetics at the University of Southern California in Los Angeles and at the California Institute of Technology in Pasadena.

Chicago Undergraduate Division

FLORA DINKINES, Assistant Professor of Mathematics, second semester, full pay; to study the problem of modernizing the undergraduate mathematics curriculum, work to be done in Chicago and at the University of Kansas and Dartmouth College.

STANLEY L. JONES, Associate Professor of Social Science, second semester, full pay; to do research and to write a book on the presidential campaign and election of 1896.

ROBERT KAUF, Assistant Professor of Foreign Languages, full year, one-half pay, or second semester, full pay; full-year leave contingent upon receipt of grant-in-aid; to study the science of the theater and stage and to do research on the Vienna stage during 1945-55.

BERNARD KOGAN, Assistant Professor of English, second semester, full pay; for research on Dickens as a reporter, writer, and novelist, work to be done in England.

HANS J. MUELLER, Assistant Professor of Physical Sciences, full year, one-half pay; to study polymerization reactions, research to be done in Germany.

ALBERT S. ROUFFA, Associate Professor of Biological Sciences, full year, one-half pay; leave contingent upon receipt of financial assistance from outside sources; for development of form in plant organs and to start a program in the breeding and selection of woody ornamental plants suited for the soils and climate of the Chicago region.

WAYNE N. THOMPSON, Professor of Speech, second semester, full pay; to work on a monograph on Aristotle's theory of communication, research to be done in libraries in Chicago.

ELIZABETH WRIGHT, Assistant Professor of English, second semester, full pay; to study *Poetry* magazine's influence and reputation, research to be done in Paris, London, and Rome.

On motion of Mr. Herrick, seconded by Mrs. Watkins, these leaves were granted as recommended.

CURRICULUM IN CIVIL ENGINEERING

(7) The Urbana-Champaign Senate and the Senate Coordinating Council recommend authorization of a revised undergraduate curriculum leading to the degree of Bachelor of Science in Civil Engineering. This is not a new curriculum but represents considerable revision and a major shift of emphasis toward more scientific backgrounds with less emphasis on technique and manipulatory procedures as compared with the existing curriculum. The principal changes include: Options, as such, are eliminated. Each student will have nine hours of technical electives. Normally, these electives must be selected to form a sequence from the advanced courses in the student's major field of specialization and in related engineering sciences.

Virtually all three-hour laboratory classes are eliminated. All three-hour design laboratories have been reduced to a maximum of two hours or eliminated entirely.

Major changes are made in course requirements: General Engineering 111, Advanced Drafting for Civil Engineers, dropped; Civil Engineering 160, Building Construction, dropped; Advanced Mathematics, three hours, added; Electrical Engineering 220, Basic Electrical Engineering, added; Mechanical Engineering 201, Mechanical Power Equipment, replaced by Mechanical Engineering 209, Thermodynamics and Heat Transfer.

Credit hours for graduation are increased from 136 to 141 without, however, extending the student's residence at the University beyond the presently necessary eight semesters and a summer session.

A copy of the complete curriculum, as revised, is being filed with the Secretary of the Board for record.

I concur.

On motion of Mrs. Watkins, this recommendation was approved.

GRADUATE PROGRAM IN HOME ECONOMICS

(8) The Urbana-Champaign Senate and the Senate Coordinating Council recommend authorization of a graduate program leading to the degree of Doctor of Philosophy in Home Economics with a major in foods and nutrition. This program has been developed to meet a demonstrated demand for such graduate training. The courses of study selected will draw heavily on graduate instruction in basic science and related fields according to the needs of the individual students. The combination will provide a sound program with emphasis on fundamental behavior of food ingredients, human nutrition, and those aspects of food processing that are of special importance in the home.

Admission Requirements

A grade-point average of at least 3.5 in the last sixty semester hours of undergraduate work completed.

A student planning for this program will be required to have had in undergraduate work a foods course with an organic chemistry prerequisite, a nutrition course with organic chemistry and physiology prerequisites, adequate training in chemistry, including quantitative analysis, and an introductory course in bacteriology.

Students will also be advised to take in their undergraduate work courses in colloid chemistry, physics, and trigonometry, but deficiencies in any of these may be made up during the first year of graduate study.

For a minor as admission to this program only, the prerequisites or their equivalents for the selected courses are required.

Degree Requirements

These will include fulfillment of all the general requirements of the Graduate College as to residence, proficiency in foreign languages, preliminary and final examinations, and a thesis. Candidates may elect minors in animal nutrition, bacteriology, biochemistry, food technology, physiology, and in other appropriate areas.

I concur.

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

AUTHORIZATION OF APPLICATION FOR SUPPORT OF BIOPHYSICAL RESEARCH

(9) The Biophysical Research Laboratory of the Department of Electrical Engineering has prepared a proposal to the Office of Naval Research for support of a research project on "Application of Ultrasound to the Study of and the Production of Changes in Brain Mechanisms in Experimental Animals and in Humans," and an application for funds: \$272,460 for the first year, \$264,055 for the second, and \$254,887 for the third year of the study. This would include \$463,000 for equipment during the three years and a provision for all other costs including reimbursement for the University's indirect costs.

I recommend authorization of this application and execution of the resulting contract.

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

SUBCONTRACTS FOR RESEARCH SERVICES

(10) Occasionally it is advantageous to the University to have some of the work required under research contracts with governmental agencies and other sponsors of research done elsewhere through subcontracts with universities, individuals, or corporations. Basic contracts usually provide for such subcontract, and they are subject to approval in advance of execution by the sponsoring agency. To secure advance approval of the Board of Trustees of such contracts, as now required by Board regulations applicable to purchases of materials or services costing more than \$2,500, often delays work on research projects.

It is therefore recommended by the Vice-President and Comptroller that the requirement of advance approval by the Board be waived in cases of subcontracts for research if the costs are to be paid entirely from contract funds and the subcontracts have been approved by the sponsors. In each case, the subcontract would be reported to the Board.

I concur.

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

APPLICATION FOR LOAN FOR CONSTRUCTION OF MEN'S RESIDENCE HALLS

(11) The Board of Trustees has authorized filing of an application to the Housing and Home Finance Agency for a loan to finance the construction of a number of housing projects, including a residence hall for 1,485 single undergraduate students which will be Stage 3 in the University's program for the construction of student housing. The Committee on Buildings and Grounds has approved some changes in the housing construction program in the three units of Stage 3, and

the completion of the first unit (to house approximately 500 men) is now scheduled for September, 1960. An application for \$3,750,000 has been submitted to the Housing and Home Finance Agency.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that:

1. The filing with the Housing and Home Finance Agency be confirmed;
2. The firm of Chapman and Cutler of Chicago be employed as counsel for the bond issue;
3. The Vice-President and Comptroller and the Director of the Physical Plant be authorized to secure bids for the construction and to advertise a sale of the bonds at such time as is feasible and appropriate; and
4. Such other steps as are necessary in connection with the bond issue and sale of bonds be authorized.

I concur.

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

RESOLUTION DELEGATING SIGNATURES FOR HOUSING REVENUE BONDS CONSTRUCTION FUND ACCOUNT

(12) The Vice-President and Comptroller requested the adoption of the following resolution:

WHEREAS, The Board of Trustees of the University of Illinois on November 19, 1958, designated the Harris Trust and Savings Bank, Chicago, as the depository for the Construction Fund Account for the Housing Revenue Bonds of 1958, Series A and B, which account is entitled "Construction Fund, Housing Construction of 1958," and authorized said Bank to act as investment counsel for the purchase of government securities as temporary investment of said Fund:

Therefore, It Is Hereby Resolved by The Board of Trustees of the University of Illinois, a public corporation, that the President of the Board of Trustees be and hereby is authorized to delegate to C. C. DeLong, to R. W. Zimmer, and to R. F. Wood authority to sign his name as President of the Board of Trustees to warrants drawn on the Construction Fund, Housing Construction of 1958 Account, covering vouchers approved in accordance with regulations of the Board.

The Secretary of The Board of Trustees be and hereby is authorized to delegate to Maude Archdeacon, to George H. Bargh, and to Everett G. Smith authority to sign his name as Secretary of the Board of Trustees to warrants drawn on the Construction Fund, Housing Construction of 1958, covering vouchers approved in accordance with regulations of the Board.

Be It Further Resolved, That the Harris Trust and Savings Bank of Chicago, as designated depository for the Construction Fund, Housing Construction of 1958, 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 countersigner thereof, when bearing the facsimile signatures of the two following: Kenney E. Williamson, President, and A. J. Janata, Secretary; and the Harris Trust and Savings 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 facsimile signature or signatures thereon may have been affixed thereto, if such facsimile signature or signatures duplicate the facsimile specimens duly certified to or filed with the Harris Trust and Savings Bank of Chicago by the Secretary or other officer of this Corporation; and

Be It Further Resolved, That H. O. Farber, Comptroller of this Board, is hereby authorized to direct the Harris Trust and Savings Bank to execute orders for the purchase, sale, or exchange of United States Government securities acquired as temporary investment of said Construction Fund, and H. O. Farber is further authorized to delegate to C. C. DeLong and to W. M. Griffith authority to sign his name to such orders.

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

APPROPRIATIONS BY ATHLETIC ASSOCIATION

(13) The Board of Directors of the Athletic Association has approved the following appropriations:

Additional Costs of Renovating the Ice Rink.....	\$ 6 500
Additional Grants-in-Aid	47 000
Football Coaches Clinic.....	3 000

Confirmation of these appropriations is requested.

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

APPROPRIATION FOR RECORDS DISPOSAL PROGRAM

(14) The Vice-President and Comptroller requests an appropriation of \$3,500 for equipment, supplies, and student help to initiate a program of microfilming business office records so that the originals may be destroyed. The program will follow the pattern of the State Records Act. Additional expenditures of \$7,600 will be required to complete the program in 1959-61, but 7,400 square feet of storage space will be released.

I concur.

On motion of Mrs. Watkins, 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.

**APPROPRIATION AND CONTRACT FOR ALTERATIONS
AT ALLERTON HOUSE**

(15) There is need at Allerton House for a second large meeting room to accommodate two large groups in the building at the same time. This can be had by remodeling the sun porch at an estimated cost of \$4,350, to be paid from funds in Allerton House operations and short courses and conferences accounts.

The Vice-President and Comptroller recommends approval of this assignment of funds.

He and the Director of the Physical Plant also recommend award of a contract for \$3,540 to C. A. Petry and Sons, Inc., Champaign, the only bidder, for the remodeling of the sun porch and converting it into a meeting room.

I concur in these recommendations.

On motion of Mr. Hughes, this appropriation was made and the 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. Stratton.

CONTRACT FOR LANDSCAPING OF BIOLOGY BUILDING AREA

(16) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$6,870 to Wandell's Twin City Nursery and Landscape Service, Urbana, the lowest bidder, for the landscaping of the area of the Biology Building.

Funds are available in the state capital appropriation for 1957-59 for the construction of this building.

I concur.

On motion of Mrs. Watkins, 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. Stratton.

CONTRACT FOR SHIELD WALL IN PHYSICS RESEARCH LABORATORY

(17) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$11,777 to A. F. Krall Construction Company,

Inc., Decatur, the lowest bidder, for the construction of a shield wall at the Physics Research Laboratory (Betatron Building).

Funds are available under a contract with the Office of Naval Research.

I concur.

On motion of Mr. Pogue, 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. Stratton.

CONTRACT FOR BUILDING ON POULTRY FARM

(18) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$4,292 to Rigid Frame Structures, Inc., Champaign, the lowest bidder, for the construction of a metal building on the University Poultry Farm.

Funds are available in the budget of the College of Agriculture and the Agricultural Experiment Station.

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. Stratton.

CONTRACT FOR CRANE SYSTEM INSTALLATION IN PHYSICS RESEARCH LABORATORY

(19) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$20,831 to the Whiting Corporation, Chicago, the lowest bidder, for the installation of a crane system in the Physics Research Laboratory (Betatron Building). This is on the basis of the low bid of \$21,913, less an educational discount of 5 per cent and plus shipping costs.

Funds are available under a contract with the Office of Naval Research.

I concur.

On motion of Mr. Swain, 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. Stratton.

ARCHITECTURAL AND ENGINEERING SERVICES FOR ILLINOIS FIRE COLLEGE TRAINING FACILITIES

(20) The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of a contract with A. Epstein and Sons, Inc., Chicago, to make site studies and cost estimates for the construction of training facilities for the Illinois Fire College at a fee of \$2,500. These facilities will be constructed in the south farms area and will replace the present fire training tower on Sixth Street between Springfield Avenue and Healey Street. The area occupied by this tower has been assigned as a site for the construction of a building by the National Council of Teachers of English which has its headquarters at the University.

The Illinois Firemen's Association will request a state appropriation for the new facilities. Funds are available in the current state appropriations to the University for 1957-59 for the architectural studies.

I concur.

On motion of Mr. Johnston, this contract was authorized.

ADDITION TO CONTRACT FOR ARCHITECTURAL SERVICES ON ILLINI UNION BUILDING

(21) Jameson and Harrison, Architects and Engineers, Peoria, have been employed for a part of the architectural and engineering work on the addition to the Illini Union Building. The design work is being done by Eggers and Higgins, New York.

Construction of the east wing must be deferred until Harker Hall can be razed. However, the structural design of the total addition must include provisions for the east wing with respect to air conditioning and utilities installations and construction of footings so that the wing, when constructed, can be properly joined to the main unit. Accordingly, the Director of the Physical Plant and the Vice-President and Comptroller recommend an addition to the contract with Jameson and Harrison for their assignments to include such of the structural design work on the east wing as must be done now, so that when it is constructed it can be joined to the main unit with a minimum of structural changes in the latter. The additional work will be paid for on the usual cost-plus basis and the estimated fee is \$4,750. Credit for such work will be allowed when the complete contract for architectural services on the east wing is completed.

I concur.

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

INSTALLMENT PLAN FOR PAYMENT OF UNIVERSITY FEES AND HOUSING CHARGES

(22) The Vice-President and Comptroller recommends that effective in September, 1959, students at Urbana-Champaign be given the option of paying tuition, fees, and residence halls charges on an installment basis. Charges for each of the first and second semesters will be collected in four installments, the first payable at registration and the remaining in each of the following months. Summer session charges will be payable one-half at registration and one-half during the following month. This plan will not apply to registrations in extramural and correspondence courses, or to University housing contracts on an annual lease basis, which are now payable monthly.

Students electing the installment plan for tuition and fees will be assessed a \$2.00 service charge. An additional service charge of \$2.00 will also be assessed in the case of the flight instruction fee of \$300.00 if paid on the installment basis. There will be no service charge for the payment of University housing accounts on the installment basis which are now payable monthly.

A charge of 2 per cent, but not less than \$1.00, will be assessed on each installment of any tuition, fee, or housing account that becomes delinquent. An installment will be considered as delinquent on the first day of the month following the date payment is due. This penalty will also apply to delinquent rental accounts of students and staff which are payable on a monthly basis. It is not proposed that this plan apply to the Chicago colleges, although it will be studied with the possibility of a recommendation for its extension at a later date. There are no housing accounts at the Chicago Undergraduate Division, but a deferred plan for fees is now in effect there. At the Professional Colleges, the schedules of required payments, availability of fee deferment and the three-term system of operation result in a payment plan similar to that proposed for Urbana.

The Director of Housing, the Dean of Students, and the Vice-President and Comptroller recommend the adoption of this plan. Authority is requested for the President to make minor modifications as experience may prove desirable when recommended by the appropriate officers.

I concur.

On motion of Mrs. Watkins, this plan was approved.

GRANT FROM KELLOGG FOUNDATION

(23) The Kellogg Foundation, Battle Creek, Michigan, has approved a grant to the University of \$110,400, payable over a period of three years, to assist in the development of a teacher-education program in the College of Dentistry under the supervision of Dean Isaac Schour. It is proposed to make the grant effective July 1, 1959. The funds will be made available in the University subject to certain conditions specified by the Foundation all of which are acceptable to the University and are consistent with University policy.

I recommend acceptance.

On motion of Mr. Johnston, this grant was accepted.

BEQUEST OF HENRY BASCOM THOMAS

(24) The late Dr. Henry Bascom Thomas, who was Professor of Orthopaedic Surgery in the College of Medicine for many years and who died on March 25, 1958, bequeathed to the University \$10,000 to endow a fellowship to be known as the "Dr. and Mrs. Henry Bascom (Louise) Thomas Fellowship" open to graduate medical students. I recommend acceptance of this bequest and adoption of the following resolution to comply with the requirements of the Northern Trust Company, executor of the estate.

Resolution

WHEREAS, Henry Bascom Thomas, a resident of Chicago, Illinois, departed this life on March 25, 1958, leaving a last will and testament which has been duly admitted to probate in Cook County, Illinois, and which contains provisions for a bequest as follows:

"I give and bequeath to the Illinois Surgical Institute for Children, a department of the College of Medicine of the University of Illinois, located at 905 South Wolcott Street, Chicago, Illinois, the sum of Ten Thousand Dollars (\$10,000) to be used for the purpose of endowing a permanent fellowship which is to be awarded periodically on a competitive examination basis, open to graduate medical students from approved medical schools in any part of the United States, who have selected orthopaedics as their field of specialization, and whose application for entrance to the competitive examinations has been approved by such member or members of the Orthopaedic Staff of the Illinois Surgical Institute for Children as may be appointed for this purpose by the Executive Officers of the Illinois Surgical Institute for Children. This bequest shall be held in trust and administered by the Executive Officers of the Illinois Surgical Institute for Children and by one representative of the Orthopaedic Staff, who may be selected and appointed for this purpose annually by the Executive Officers of the Illinois Surgical Institute for Children. This fellowship shall be known as the Dr. and Mrs. Henry Bascom (Louise) Thomas Fellowship."

Now therefore be it resolved that the said bequest be and the same is hereby accepted by the Board of Trustees of the University of Illinois for the said Illinois Surgical Institute for Children for the uses and purposes therein set forth and

Be it further resolved that Howard A. Hazleton as Business Manager of the Chicago Professional Colleges of the Board of Trustees of the University of Illinois be and he is hereby authorized to accept payment on behalf of said Illinois Surgical Institute for Children of said bequest, and to execute and deliver to the Northern Trust Company as Executor of the Last Will and Testament of the said Henry Bascom Thomas, deceased, the receipt of the said corporation in satisfaction thereof.

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

PURCHASES

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

I concur.

Item	Department	Vendor	Cost
One centrifuge, analytical ultra high speed with Schlieren optical system, automatic photography, refrigeration and vacuum systems, ultraviolet absorption optical system, rotor and cell assemblies	Chemistry and Chemical Engineering	Spinco Division, Beckman Instruments, Inc., Palo Alto, Calif.	\$24 507 00 f.o.b. delivered and installed
One electrophoresis and diffusion apparatus for simultaneous and independent operation of three cells; complete with cells and accessories; including installation and one year service by company-trained engineer	Chemistry and Chemical Engineering	Spinco Division, Beckman Instruments, Inc., Palo Alto, Calif.	17 375 00 f.o.b. delivered
One lot laboratory glassware and assorted apparatus for use as stock in the General Chemical Stores	General Chemical Stores	Arthur S. LaPine & Co., Chicago	14 177 00 f.o.b. delivered
Manufacture of five special cathode ray tubes according to University specifications; this is an addition to a previous order	Control Systems Laboratory	General Electric Co., Syracuse, N.Y.	6 695 00 f.o.b. Syracuse, N.Y.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One Browne-Buechner type magnetic particle analyzer, including power supply	Physics	Pacific Electric Motor Co., Oakland, Calif.	\$15 525 00 f.o.b. Oakland, Calif.
One Rubicon No. 2768 thermo-free potentiometer and	Physics	Minneapolis-Honeywell Regulator Co.,	3 900 00 f.o.b.
One Rubicon No. 3550 photoelectric galvanometer		Rubicon Instruments, Philadelphia, Pa.	
One microscope, electron, resolution of ten angstroms or better, complete with illuminating system, acceleration voltages 40, 60, 80, and 100 kv., stereoscopic micrograph and diffraction picture accessories; projection lens assembly; one year of service	Physics	Siemens New York Inc., New York, N.Y.	40 210 84 f.o.b. delivered and installed
21 microscopes, stereoscopic, cycloptic type	Zoology	Schaar & Co., Chicago	7 083 61 f.o.b.
21 illuminators, microscope, for the microscopes listed above	Forestry		delivered
Two microtomes, rotary type			
Less trade-in of eight obsolete microscopes			
Five microscopes, inclined binocular, graduated mechanical stage optics, quadruple nosepiece, substage illuminator, and photo tubes	Zoology	The Seiler Instrument & Manufacturing Co., Inc., St. Louis, Mo.	3 453 28 f.o.b. delivered
One microscope, inclined binocular, graduated mechanical stage, phase optics, quadruple nosepiece, substage illuminator, and photo tubes			
Less trade-in of three obsolete microscopes			
Rental of caps, gowns, and hoods as required for the June 13, 1959, Commencement	Committee on Commencement	Collegiate Cap & Gown Co., Champaign	7 450 00 delivered
Printing and binding 1,500 copies <i>America in the Antarctic to 1840</i> by Philip I. Mitterling	University Press	Vail Ballou Press, Inc., New York, N.Y.	2 695 00 f.o.b. Binghamton, N.Y.
Printing and binding 10,000 copies of students' edition of <i>Mathematics</i>	University Press	Braun-Brumfield, Inc., Ann Arbor, Mich.	18 851 00 f.o.b. Ann Arbor, Mich.
Printing and binding 2,000 copies of teachers' edition of <i>Mathematics</i>			
Printing of 30,000 First Semester, 1959-60, Time Tables in accordance with specifications	University Press	Interstate Printers & Publishers, Inc., Danville	5 921 00 delivered
One Cessna 172 airplane with accessories, less trade-in allowance for one Aeronca Champion 7AC serial N 82993	Institute of Aviation	Walston Aviation, Inc., East Alton	8 645 00 f.o.b. delivered
Comprehensive aviation liability insurance at limits of \$50,000/250,000 bodily injury and \$50,000 property damage; coverage is to be written for one year on an annual premium basis computed on total annual flying hours at an estimated cost of \$3,250 a year; annual deposit premium of \$2,000 required	Institute of Aviation	Monier & Morrissey, Champaign, representing Insurance Co. of North America	3 250 00 annual premium

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 February 1 to 28, 1959.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Granite City Steel Co.	Optimum environment for sows and pigs under farrowing conditions	\$ 7 500 00	February 11, 1959
Pozzolan Products Co., Inc.	Prospectus for lime-pozzolan mixtures	10 000 00	December 30, 1958
Tennessee Valley Authority	Effects of credit on fertilizer purchases by farmers in Illinois	2 500 00	November 1, 1958
United States Air Force AF33(616)-6192	Elevated temperature resistant inorganic structural adhesives	28 270 00	December 11, 1958
United States Air Force AF49(638)-529	Electronic properties of nonmetallic crystals	54 973 00	November 14, 1958

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Air Force AF49(638)-543	Spaces admitting significant fixed-point indices	\$ 4 949 00	December 22, 1958
United States Air Force AF49(638)-556	Production and use of extremely short light pulses	19 963 00	February 1, 1959
United States Army DA11-022-ORD-2956	Development of polymers for use in high temperatures	12 980 00	February 4, 1959
United States Atomic Energy Commission AT(11-1)-691	Radiation chemistry and chemical kinetics	11 943 00	February 12, 1959

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Crop-Hall Insurance Actuarial Association	Radar data, area of thunderstorm system, hailstorm velocity	\$10 000 00	February 1, 1959
Griffin Wheel Co.	Properties of refractories as related to service in a steel pressure casting process	29 000 00	February 1, 1959
McDonnell Aircraft Corp.	Lug fatigues	8 581 40	January 12, 1959
Shell Chemical Corp., Agricultural Chemicals Division	Evaluation of chlorinated hydrocarbon compounds as insecticides	2 500 00	December 17, 1958
United States Air Force AF18(603)-49	Surface physics with radioactive substances	91 667 00	November 19, 1958
United States Air Force AF18(603)-137	Emission and absorption spectrochemical methods	13 000 00	November 20, 1958
United States Air Force AF33(600)-31319	Concrete strips and slabs reinforced with continuous steel plate	5 000 00	January 21, 1959
United States Air Force AF33(616)-5486	Thermally stable polymers for high temperature aircraft application	66 000 00	December 12, 1958
United States Air Force AF49(638)-371	Laws underlying human behavior in complex tasks	22 950 00	November 21, 1958
United States Air Force AF49(638)-417	Diffusion in semiconductors and related problems	80 000 00	November 14, 1958
United States Army DA11-022-ORD-1985	Diazo reactions and certain ketonic rearrangements	8 996 00	February 3, 1959
United States Army DA11-070-508-ORD-593	Launcher dynamics	52 987 00	February 6, 1959
United States Army DA36-039 SC-56695	Confidential	1 125 000 00	January 20, 1959
United States Atomic Energy Commission AT(11-1)-276	Properties and behavior of aerosol particles	13 400 00	February 13, 1959
United States Navy Nonr-1459(03)	Metabolism of the nervous system	30 000 00	December 22, 1958
United States Navy Nonr-1834(11)	Interpersonal perception in therapeutic counseling	21 198 00	January 15, 1959
United States Navy Nonr-1834(17)	Solid state and surface physics of semiconductors	45 000 00	December 3, 1958
United States Navy Nonr-1834(20)	Effects of ultrasonic energy on biological tissues	36 200 00	December 22, 1958

Adjustments Made in 1958-59 Cost-Plus Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Fifty-nine items; \$59.18 deduct to \$648.00	\$ 3 893 56	January and February, 1959

This report was received for record.

INVESTMENTS

(27) The Finance Committee reported the following changes in investments of trust funds:

URBANA-CHAMPAIGN

Endowment Funds — General

Sale		
200 shares	Industrial Rayon Corporation common stock	\$ 4 481 02
10 shares	Industrial Rayon Corporation common stock	219 25
90 shares	Montgomery Ward Company common stock	3 492 36
5 shares	Standard Oil Company of New Jersey common stock	285 98

<i>Par</i>	<i>Issue</i>	<i>Rate</i>	<i>Maturity</i>	<i>Amount</i>
Exchange				
\$51 000	U. S. Treasury bonds	2 1/4	9/15/59-56 for	
51 000	U. S. Treasury bonds	1 5/8	8/1/59	
Purchase				
\$12 000	Commercial Credit Company	3 5/8	2/1/76	\$11 340 00
50 000	New York Steam Company	3 3/4	7/1/63	49 250 00
30 000	U. S. Treasury bonds	3	2/15/64	28 725 00
200 shares	Federated Department Stores common stock			10 564 06

Current Funds

Exchange				
\$1 000 000	U. S. Certificates	2 1/2	2/14/59 for	
1 000 000	U. S. Certificates	3 3/4	2/15/60	
1 022 000	U. S. Treasury bonds	2 3/8	3/15/59-57 for	
1 022 000	U. S. Certificates	1 5/8	8/1/59	
1 042 000	U. S. Treasury bonds	2 1/4	9/15/59-56 for	
1 042 000	U. S. Certificates	1 5/8	8/1/59	
500 000	U. S. Treasury notes	1 7/8	2/15/59 for	
500 000	U. S. Treasury	3 3/4	2/15/60	
Purchase				
\$29 000	U. S. Treasury bonds	3 7/8	11/15/74	\$29 181 25

CHICAGO*Navy Pier Escrow*

Exchange				
\$31 000	U. S. Treasury bonds	2 3/8	3/15/59 for	
31 000	U. S. Certificates	1 5/8	8/1/59	
59 000	U. S. Treasury bonds	2 1/2	12/15/58 for	
59 000	U. S. Treasury notes	3 5/8	3/15/61	
Purchase				
\$31 000	U. S. Treasury bonds	2 3/8	3/15/59	\$30 883 75

Report of the Comptroller

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

URBANA-CHAMPAIGN*Men's Residence Halls Revenue Bond Fund of 1956*

(Authorized by Board of Trustees resolution dated March 23, 1956, minutes page 982, and September 18, 1956, minutes page 49)

<i>Par</i>	<i>Issue</i>	<i>Rate</i>	<i>Maturity</i>	<i>Amount</i>
Purchase				
\$123 000	U. S. Treasury bills		10/23/58	\$122 857 94
113 000	U. S. Treasury bills		1/2/59	112 472 67
113 000	U. S. Treasury bills		2/5/59	112 733 19
113 000	U. S. Treasury bills		3/5/59	112 797 86

Women's Residence Halls Revenue Bond Fund of 1956

(Authorized by Board of Trustees resolution dated September 18, 1956, minutes page 52)

Purchase				
\$89 000	U. S. Treasury bills		12/4/58	\$ 88 878 86
60 000	U. S. Treasury bills		2/13/59	59 885 67

Men's Residence Halls Revenue Bond Fund of 1957

(Authorized by Board of Trustees resolution dated March 12, 1957, minutes page 334)

Purchase				
\$200 000	U. S. Treasury bills		11/6/58	\$199 795 56
50 000	U. S. Treasury bills		10/30/58	49 971 11
50 000	U. S. Treasury bills		12/4/58	49 953 13
125 000	U. S. Treasury bills		2/5/59	124 587 50
115 000	U. S. Treasury bills		3/26/59	114 608 68

Housing Revenue Bond Fund of 1958

(Authorized by Board of Trustees resolution dated December 17, 1958)

<i>Par</i>	<i>Issue</i>	<i>Rate</i>	<i>Maturity</i>	<i>Amount</i>
Purchase				
\$318 000	U. S. Treasury bills		2/26/59	\$317 403 75
417 000	U. S. Treasury bills		4/2/59	415 075 31
447 000	U. S. Treasury bills		4/30/59	443 982 75
200 000	U. S. Treasury bills		5/15/59	198 366 67
206 000	U. S. Treasury bills		6/11/59	203 900 17
335 000	U. S. Treasury bills		7/2/59	330 643 33
763 000	U. S. Treasury bills		7/30/59	751 146 16
140 000	U. S. Certificates	3½	11/15/59	140 958 15

Revenue Bonds of 1952 Sinking Fund Reserve

(Authorized by Board of Trustees resolution dated February 22, 1952, minutes page 1,372)

Purchase				
\$10 000	U. S. Treasury bonds	3½	11/15/74	\$ 10 062 50

Reserve for Additional 1952 Bonds

(Authorized by Board of Trustees resolution dated February 22, 1952, minutes page 1,372)

Purchase				
\$132 000	U. S. Treasury bonds	3½	11/15/74	\$132 825 00

Women's Residence Halls 1956 Sinking Fund Reserve

(Authorized by Board of Trustees resolution dated September 18, 1956, minutes page 49)

Purchase				
\$12 000	U. S. Treasury bonds	1½	10/1/59	\$ 11 865 00

Revenue Bonds of 1956 Sinking Fund Reserve

(Authorized by Board of Trustees resolution dated March 23, 1956, minutes page 982)

Purchase				
\$17 000	U. S. Treasury notes	1½	10/1/59	\$ 16 808 75

Housing Revenue Bonds 1958 Sinking Fund

(Authorized by Board of Trustees resolution dated December 17, 1958)

Purchase				
\$58 000	U. S. Treasury bills		3/19/59	\$ 57 826 32
58 000	U. S. Treasury bills		8/6/59	57 089 38

CHICAGO

Dentistry-Medicine-Pharmacy Building Revenue Bond Funds—Construction

(Authorized by the Board of Trustees resolution dated March 15, 1951, minutes page 632)

Purchase				
\$10 000	U. S. Treasury bills		8/7/58	\$ 9 996 79
10 000	U. S. Treasury bills		8/21/58	9 993 68
10 000	U. S. Treasury bills		9/4/58	9 990 47

Dentistry-Medicine-Pharmacy Building Revenue Bond Funds—Auxiliary

(Authorized by Board of Trustees resolution dated December 16, 1953, minutes page 1,191)

Purchase				
\$ 75 000	U. S. Treasury bills		11/20/58	\$ 74 640 75
200 000	U. S. Treasury bills		2/5/59	198 660 00
175 000	U. S. Treasury bills		2/5/59	173 831 00

These reports cover the period October 1, 1958, through February 28, 1959.

These reports were received for record.

CURRICULUM IN OCCUPATIONAL THERAPY

(28) The Urbana-Champaign Senate and the Senate Coordinating Council recommend the following alterations in the curriculum in Occupational Therapy. They are minor in nature involving elimination of some and the addition of other courses, changes in the required hours of therapeutic techniques and electives, and revision of the statement of the grade-point average to be maintained.

First Year: Drop Hygiene 104, Science of Personal Health; add Physiology 103, Introduction to Human Physiology; reduce hours of Therapeutic Techniques from 7 to 6; substitute Zoology 104 for 101; alter hours of electives (foreign language, history, literature) from 8-10 to 9; alter total required hours from 30-34 to 31 or 33.

Second Year: Reduce hours of Therapeutic Techniques from 15 to 11, and increase electives from 4-6 to 8-10.

Third Year: Substitute Physiology 234, Human Anatomy and Physiology, for 134 (a change in course number); add as an alternative for Psychology 216, Child Psychology, Home Economics 201, The Child and His Development; authorize substitution of an approved substitute for Psychology 338, Abnormal Psychology; reduce hours of Therapeutic Techniques from 12 to 8; and increase electives from 5-7 to 6-8.

Alter the statement that "a minimum of 3.5 must be maintained at all times in the curriculum" to read: "a cumulative average of 3.5 must be acquired before transfer to that portion of the course offered in the College of Medicine."

I concur.

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

INCREASE IN PURCHASE PRICE OF MASS SPECTROMETER

(29) At the September 30, 1958, meeting, the Board of Trustees authorized the purchase, at a price of \$49,645, of a special mass spectrometer, from Consolidated Electrodynamics Corporation, Chicago (hereinafter referred to as "Consolidated"), for the Department of Chemistry and Chemical Engineering, on the basis of a sealed bid previously received, Consolidated being the only bidder offering to make and furnish the spectrometer desired. A purchase order, specifying the bid price, was sent to Consolidated on October 3, 1958.

On receipt of that order, Consolidated declined to accept it on the grounds that the purchase order was not received within the time specified in its proposal and that substantial mistakes had been made in computing the cost. However, Consolidated expressed willingness, under the circumstances, to make the spectrometer for \$59,895, which this company states is substantially less than it would ordinarily charge and is less than the cost of construction.

Consolidated is the only manufacturer of the type of spectrometer which the Department of Chemistry and Chemical Engineering needs. Funds are available for the additional cost. Litigating the question of whether Consolidated is obligated to furnish the spectrometer to the University at the price originally specified would not appear to be in the best interests of the University in view of the fact that the spectrometer can not be obtained elsewhere and, even if the University would be successful in the litigation, this would delay the delivery of the spectrometer which is needed now.

Accordingly, the Head of the Department of Chemistry and Chemical Engineering, the Director of Purchases, and the Vice-President and Comptroller recommend amendment of the previous purchase authorization to payment of \$59,895 for this equipment.

I concur.

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

LEASE OF PROPERTY AT 609 SOUTH SIXTH STREET, CHAMPAIGN

(30) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the University lease, through the University of Illinois Foundation, approximately 2,170 square feet of space in the building at 609 South Sixth Street, Champaign, Illinois. The space will be occupied by the Department of Electrical Engineering for its Gaseous Electronics Laboratory for research work under a government contract.

The lease will be between the Foundation and Tom Whetzel, the owner. It will begin as soon as possession can be obtained and continue until June 30, 1964, at \$450 a month. The sublease from the University of Illinois Foundation will be on the same basis except the initial sublease will run until June 30, 1959, and will be automatically renewed for two-year periods until the termination of the Foundation's lease.

To secure this lease, it will be necessary for the University to purchase from the present tenant a heater, water-cooled air conditioner, sink, chemical bench and exhaust hood at a cost of \$1,500, and to make certain alterations in utilities connections, estimated to cost \$1,000, to separate the leased area from the remaining space occupied by the present tenant. The University will provide janitor service, heat, and utilities for its space.

Funds will be assigned from indirect costs recovered from government contracts for the purchase of the equipment, alterations, and the rent.

I concur.

On motion of Mr. Johnston, this lease 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.

LEASE OF SITE FOR BUILDING TO NATIONAL COUNCIL OF TEACHERS OF ENGLISH

(31) At its November, 1958, meeting this Board authorized the Comptroller to give assurance to the National Council of Teachers of English that the Board would authorize the leasing to that Council of land situated in a portion of the block bounded by Wright Street, Springfield Avenue, Sixth Street, and Healey Street in the city of Champaign, title to which is held by the University, to provide a site upon which the Council will, at its expense, construct a building for its educational activities. This Board was then informed that when negotiations with the Council relative to the principal terms of the lease would be concluded, a further recommendation would be made to the Board for "the approval of such agreement or resolution as may be necessary to implement this arrangement."

Agreement has now been reached, subject to this Board's approval, relative to the principal terms of the proposed lease, and further action by the Board approving the terms and authorizing the execution on behalf of the University of the proposed lease is desirable and necessary.

Accordingly, the Legal Counsel, the Director of the Physical Plant, the Vice-President and Comptroller, and the Vice-President and Provost recommend the adoption of the following resolution, and I concur:

Resolution

WHEREAS, The National Council of Teachers of English, a not for profit corporation, conducts educational and other activities of benefit to the University of Illinois and the general public and desires to erect, at its own expense, upon the land hereinafter described, which it desires to lease from the University, upon the terms and conditions hereinafter set forth, a building in which to maintain its headquarters and carry on many of its activities; and

WHEREAS, The construction and use of said building, and the carrying on of its educational activities therein, by said Council upon said site will be advantageous and of benefit to the University of Illinois and the citizens of the state of Illinois which the University serves:

Therefore, It Is Hereby Resolved by this Board of Trustees of the Board of Trustees of the University of Illinois, a public corporation, that the leasing by said public corporation to said National Council of Teachers of English of a parcel of land, title to which is now held by said public corporation, constituting a portion of Block 6 of J. S. Wright's Addition to the City of Champaign, Champaign County, Illinois, situated in said City, County, and State, and bounded and described as follows:

Beginning at a point on the east property line of Sixth Street, in said City of Champaign, said point being 1.27 feet south of the southwest corner of

Block 1 of J. S. Wright's Addition to said City of Champaign, and being marked with a cross cut in a concrete slab; thence southerly along the east property line of Sixth Street, a distance of 158.0 feet to a corner, said corner being marked with an iron pipe; thence easterly a distance of 60.0 feet to a corner, said corner being marked with an iron pipe; thence northeasterly a distance of 77.55 feet to a corner, said corner being marked with an iron pipe; thence northerly and parallel with the east property line of Sixth Street, a distance of 103.27 feet to a corner, said corner being marked with an iron pipe; thence westerly along a line parallel with the south line of said Block 1 of said J. S. Wright's Addition to said City, a distance of 115.0 feet to the place of beginning;

upon the terms, provisions, and conditions hereinafter set forth be, and the same is hereby, authorized and approved.

The principal terms, provisions, and conditions upon which the leasing of said tract or parcel of land to said Council is herein and hereby authorized and approved are as follows:

- (1) Said leasing shall be subject to the rights of the Urbana-Champaign Sanitary District in a portion of said property under an easement grant heretofore given said District, and shall also be subject to an easement of passageway over and across a strip twenty feet wide extending from the west line to the east line of said premises and located north of the building to be erected by the Council which shall be reserved to University and its licensees in the lease for the entire term of the latter.
- (2) The term of the lease shall be for seventy-five years from April 1, 1959, unless sooner terminated by virtue of the operation of its provisions.
- (3) The Council shall construct, at its own expense, upon said premises, as soon as reasonably possible after the execution of the lease, its contemplated building which shall be constructed in accordance with plans and specifications approved by the University and so as to conform to the University's standards of construction and with all applicable state laws.
- (4) Title to said building, when constructed, shall vest in the University and shall continue to be held by the University upon the termination or expiration of the lease.
- (5) No alterations to said building shall be made or any additions thereto shall be constructed by the Council, nor shall it construct any additional building or buildings upon said premises, without first securing University's approval in writing for the making or construction of the same, and the provisions of (3) and (4) above shall apply to any such alterations or additional construction.
- (6) The Council shall, at its expense, maintain and keep the demised premises, all structures built by it thereon, and the above mentioned passageway in good repair and safe condition throughout the duration of the lease.
- (7) Council shall pay any taxes legally assessed against said premises and any structures erected by Council thereon or against Council's leasehold interest therein, but shall have the right to contest, at its expense, the legality and validity of any assessment of taxes against the same before paying the same.
- (8) The Council shall provide, construct, and maintain, at its expense, a suitable fence along all except the north and west lines of said demised premises, and gates at the east end of the above mentioned strip, as long as desired by University during the duration of the lease.
- (9) The Council shall indemnify the University and save it harmless from liability, loss, damage, or expense arising from injury sustained to the person or property of any person on or about said premises during the duration of the lease, and shall have the right to defend, at Council's expense, each and every claim asserted against University or suit instituted against the latter for which Council may thus become liable.
- (10) In view of the foregoing undertakings to be assumed by Council, and the other benefits which University will derive from said lease and the activities conducted by Council upon said premises, the rent to be paid by Council for the premises during the duration of the lease shall be One Dollar per year.

- (11) Such other terms, provisions, and conditions, not inconsistent with the foregoing, which may be agreed upon between representatives of Council and the Vice-President and Comptroller, Director of the Physical Plant, and Legal Council of the University.

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.

SITE SELECTION FOR RELOCATION OF THE CHICAGO UNDERGRADUATE DIVISION

Mr. Johnston, for the Committee on General Policy, presented the following report:

On February 23, the General Policy Committee and the Executive Committee of the Board of Trustees met with the Mayor of Chicago at the Mayor's request to discuss certain suggestions which he had to make.

At the meeting the Mayor presented a statement, copies of which have been made public and sent to the members of the Board of Trustees.

The General Policy Committee agreed to recommend to the Board of Trustees that the date for reconsideration of its action on the selection of the Riverside site as the location for the Chicago Undergraduate Division would be extended to April 15, and that the Board express its willingness to receive from the Mayor any suggestions that appear to him to be the equivalent in feasibility and desirability.

At the meeting the Mayor emphasized the point which he had included in his prepared statement, that the City would be prepared to defray any extraordinary costs which would arise out of the selection of the site in Chicago as compared with Riverside. The Mayor also agreed to attempt to give a definitive answer on this question and that all proposals are to be consonant with the time schedule established by the Board of Trustees for land acquisition and construction of buildings for the Chicago Undergraduate Division.

It is understood that the University administration will follow the instruction given to it at the Board meeting on February 19, for legislative purposes, and assume that the amount required for Riverside would be the base need if there should be any subsequent alteration of the site decision now on record. Thus, negotiations with Riverside Golf Club are to go forward, but an alternate plan of action may be devised. The budget request to the Governor and the General Assembly will be made accordingly.

Consonant with the reactions, understandings, and events reported above, I move that the date for reconsideration of the action of the Board of Trustees in designating Riverside Golf Club as the site for the development of the Chicago Undergraduate Division be extended to April 15, 1959.

In adopting this motion, the Board will understand that the administrative staff will work with representatives of the City as requested.

Following general discussion of this report, on motion of Mrs. Watkins, Mr. Johnston's motion was unanimously adopted.

EXECUTIVE SESSION

At this point, on motion of Mr. Johnston, an executive session was ordered for consideration of the following item of business.

PURCHASE OF LAND

(32) The Director of the Physical Plant and the Vice-President and Comptroller recommend the purchase of the property at 1003 West Green Street, Urbana, at a price of \$40,000 on these terms: \$10,000 to be paid on or before March 31, 1959, provided title is shown to be good and merchantable; the balance of \$30,000 to be paid upon possession by the University, not later than July 15, 1959; taxes for 1959 to be pro-rated as of the date of possession; and the seller to be permitted to remove the garage, fence, and the stair carpeting from the property.

The property is a lot with a frontage of 63.4 feet on Green Street and 220 feet deep, and a frame residence consisting of a five-room apartment occupied by the

owners and rooms for sixteen women students. The land will be needed as a part of the site for Stage 4 of the construction of residence halls for single undergraduate men. In the meantime, the house will be used for office space.

The selling price is within the range of appraisals received by the University. Funds are available in the state appropriation to the University for 1957-59 for acquisition of land, subject to release by the Governor.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute the necessary documents upon release of the funds and approval of title by the Legal Counsel.

On motion of Mr. Johnston, the foregoing recommendation was approved and the purchase of the property 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.

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.)

- AKCASU, ALAEDDIN, Research Associate in Pharmacology (Medicine), $\frac{3}{4}$ time, February 15-August 31, 1959, \$400 a month (2-25-59).
- ANDREWS, CHARLES B., Instructor in Orthopaedics, Department of Orthopaedic Surgery, and Orthopaedist in the Respiratory Center (Medicine), six months from January 1, 1959, \$10,800 a year (2-25-59).
- AUBERTIN, MRS. MARY P., Assistant in Horticulture (S), February 1-August 15, 1959, \$400 a month (2-9-59).
- BECK, ROBERT C., Instructor in Psychology, $\frac{1}{3}$ time, February 1-June 15, 1959, \$177.78 a month (2-20-59).
- BECKER, RICHARD C., Research Assistant Professor of Electrical Engineering (S), seven months from February 1, 1959, \$8300 a year, supersedes (2-9-59).
- BOESEN, EVELYN A. M., Instructor in Medicine (Medicine), one year from July 1, 1958, without salary (2-6-59).
- BORNARTH, ROBERT L., Assistant in the Institute of Aviation, February 1-June 15, 1959, \$450 a month (2-16-59).
- CAMPBELL, JAMES L., Assistant in Music, February 1-June 15, 1959, \$400 a month, supersedes (2-12-59).
- CHENG, CHIN HUAN, Research Associate in Mining and Metallurgical Engineering (C), seven months from February 1, 1959, \$3500, supersedes (2-16-59).
- CLAAR, CATHERINE H., Instructor in Biological Sciences (Chicago Undergraduate Division), $\frac{1}{2}$ time, five months from February 1, 1959, \$230 a month (2-20-59).
- COLBURN, IRVING W., Assistant Professor of Architecture and Art (Chicago Undergraduate Division), $\frac{1}{2}$ time, to render service during the second semester of the academic year, March 1-August 31, 1959, \$291.66 a month (2-26-59).
- DAVIES, CHARLES J., Assistant in Speech, February 1-June 15, 1959, \$400 a month, supersedes (2-10-59).
- DRAKE, JOHN W., Instructor in Bacteriology (College of Liberal Arts and Sciences, Graduate College), five months from February 1, 1959, \$2917, supersedes (2-12-59).
- EDWARDS, ROBERT W., Lecturer in Architecture, February 1-June 15, 1959, \$2700 (2-6-59).
- GOODMAN, ALAN B., Research Assistant in the Institution for Tuberculosis Research (Medicine), January 26-August 31, 1959, \$4400 a year (2-21-59).
- GOULDNER, HELEN P., Lecturer in Sociology, February 1-June 15, 1959, \$550 a month (2-12-59).
- GRIFFITH, JERRY, Assistant in Speech, February 1-June 15, 1959, \$400 a month, supersedes (2-16-59).

- GRILLO, MARIA A., Research Associate in Animal Science (S), March 28-August 31, 1959, \$5500 a year (2-20-59).
- HAKIMI, SEIFOLLAH, Assistant Professor of Electrical Engineering (C), March 1-August 31, 1959, to render service during the second semester of the academic year, \$6800 a year, supersedes (2-10-59).
- INOUE, MITSUJI, Assistant in Food Technology (S), one year from September 1, 1959, \$5000 (2-17-59).
- KAPPAUF, WILLIAM E., Professor of Psychology, indefinite tenure, \$10,700 a year, and Acting Head of the Department, one year from September 1, 1958, at an additional salary of \$1,000, total salary \$11,700, to render service during the academic year, supersedes (2-10-59).
- KIBLER, VICTOR A., Lecturer in Architecture, February 1-June 15, 1959, \$2700 (2-7-59).
- LEIBY, CLARE C., JR., Research Assistant in Electrical Engineering (C), seven months from February 1, 1959, \$7500 a year, supersedes (2-20-59).
- LENARDO, GUIDO D., Clinical Assistant in Medicine (Medicine), eight months from January 1, 1959, without salary (2-9-59).
- LEVINSON, HILLIARD L., Instructor in Psychology and Social Sciences, and Counselor in the Student Counseling Service (Chicago Undergraduate Division), seven months from February 1, 1959, \$3325 (2-10-59).
- LIPPOLD, HENRY W., JR., Instructor in Radio-Television on $\frac{1}{2}$ time, and Supervisor of Television News on $\frac{1}{2}$ time (College of Journalism and Communications), seven months from February 1, 1959, \$6600 a year (2-6-59).
- LITTMAN, ARMAND, Clinical Assistant Professor of Medicine (Medicine), eight months from January 1, 1959, without salary, supersedes (1-26-59).
- MCIVOR, JOHN W., Assistant in Art, February 1-June 15, 1959, \$400 a month (2-26-59).
- MCNAIR, LOUIS M., Assistant in the Institute of Aviation, February 1-June 15, 1959, \$475 a month (2-16-59).
- MCWHINNIE, DOLORES J., Assistant in Biological Sciences (Chicago Undergraduate Division), February 1-June 15, 1959, \$477.78 a month (2-21-59).
- MYERS, BASIL R., Assistant Professor of Electrical Engineering (C), March 1-August 31, 1959, to render service during the second semester of the academic year, \$7800 a year, supersedes (2-10-59).
- PEASLEY, MELVIN L., Assistant in Agronomy (S), February 1-June 18, 1959, \$400 a month (2-9-59).
- PERELMUTER, SAMUEL, Assistant in Biological Sciences (Chicago Undergraduate Division), February 1-June 15, 1959, \$488.89 a month (2-20-59).
- RENSCH, GLORIA K., Assistant in Art, February 1-June 15, 1959, \$400 a month (2-20-59).
- RUST, VELMA I., Assistant in Education (College of Education, Graduate College), February 1-June 15, 1959, \$500 a month, supersedes (2-16-59).
- SHERBURN, GEORGE, Visiting Professor of English, $\frac{1}{3}$ time, March 1-June 15, 1959, \$3100 (2-6-59).
- SUNDELL, ROBERT A., Assistant in Biological Sciences (Chicago Undergraduate Division), February 1-June 15, 1959, \$444.44 a month (2-20-59).
- TACCHI, DEREK, Visiting Instructor in Obstetrics and Gynecology (Medicine), seven months from February 1, 1959, \$6000 a year (2-9-59).
- TOROK, NICHOLAS, Clinical Assistant Professor of Otolaryngology (Medicine), $\frac{1}{2}$ time, eight months from January 1, 1959, \$2000 a year, supersedes (2-20-59).
- TORT, MRS. FERDINA J. C., Instructor in Foreign Languages (Chicago Undergraduate Division), six months from March 1, 1959, to render service during the second semester of the academic year, \$450 a month, supersedes (2-7-59).
- VIDEKA, MICHAEL A., Instructor in Radiology (Dentistry), $\frac{7}{10}$ time, six months from March 1, 1959, \$4550 a year, supersedes (2-25-59).
- WEI, CHUAN-TSENG, Research Associate in Mining and Metallurgical Engineering (C), seven months from February 1, 1959, \$3500, supersedes (2-16-59).
- WEI, LUN-SHIN, Research Associate in Food Technology (S), seven months from February 1, 1959, \$5370 a year (2-6-59).
- WESTON, PATRICIA G., Research Assistant in Chemistry, four months from February 1, 1959, \$400 a month (2-16-59).

GRADUATE FELLOWS

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

- DEETERS, CURTIS F., United States Public Health Service Fellow (Trainee) in Ophthalmology (Chicago Professional Colleges), six months from January 1, 1959, \$200 a month (2-16-59).
- DIAMOND, MARSHALL A., United States Public Health Service Fellow (Trainee) in Ophthalmology (Chicago Professional Colleges), six months from January 1, 1959, \$200 a month (2-16-59).
- LATTA, C. REX, United States Public Health Service Fellow (Trainee) in Ophthalmology (Chicago Professional Colleges), six months from January 1, 1959, \$200 a month (2-16-59).
- MENACHOF, IRWIN, United States Public Health Service Fellow (Trainee) in Ophthalmology (Chicago Professional Colleges), five months from February 1, 1959, \$293.33 a month; this is in addition to his nonsalaried appointment as an Assistant in Ophthalmology (2-20-59).
- NICOL, WILLIAM, United States Public Health Service Fellow (Trainee) in Ophthalmology (Chicago Professional Colleges), six months from January 1, 1959, \$200 a month (2-16-59).
- PARKER, SAMUEL B., Mathematics Institute Fellow in Mathematics, February 1-June 15, 1959, \$2100, supersedes (2-16-59).
- STEMPAK, JEROME, United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), seven months from February 1, 1959, \$170 a month (2-20-59).
- YOUNG, JAMES R., Television Shares Management Corporation Fellow in Electrical Engineering, February 1-June 15, 1959, \$1000; this is in addition to his appointment as Instructor in Electrical Engineering on $\frac{2}{3}$ time (2-13-59).

RESIGNATIONS

- ARMSTRONG, JACK L., Hackett Fellow in Horticulture — resignation effective February 1, 1959.
- BRODY, SEYMOUR S., Research Associate in Botany — resignation effective February 7, 1959.
- CHAPMAN, GEORGE C., Instructor in the Institute of Aviation — resignation effective April 12, 1959.
- CRUM, MRS. HARRIETT H., Research Assistant in Chemistry — resignation effective March 1, 1959.
- HART, MRS. JEANNETTE M., Instructor in Physical Sciences (Chicago Undergraduate Division) — resignation effective March 1, 1959.
- MAYEDA, WATARU, Research Assistant Professor of Electrical Engineering — resignation effective March 1, 1959.
- O'CONNELL, THOMAS B., Assistant in Physical Education for Men — resignation effective February 21, 1959.
- OHREN, MRS. BEVERLY A., United States Public Health Service Fellow (Trainee) in Social Work — resignation effective February 1, 1959.
- PEARLMAN, BENJAMIN, Clinical Assistant Professor in Medicine (Medicine) — resignation effective February 5, 1959.
- ROTH, HARVEY L., Fellow in Aeronautical Engineering — resignation effective February 1, 1959.
- SWARTS, CHARLES L., Instructor in Pediatrics (Medicine) — resignation effective September 1, 1958.
- TORCHINELLI, GUY B., Fellow in Mathematics — resignation effective February 1, 1959.
- WERNSMAN, EARL A., Fellow in Agronomy — resignation effective February 1, 1959.
- WESTON, PAUL E., Research Assistant in Physics — resignation effective February 1, 1959.

LEAVES OF ABSENCE

- ALBRIGHT, WILLIAM G., Associate Professor of Electrical Engineering (C) — leave of absence, without pay, from March 1 and continuing through August 31, 1959.

- KREBS, ALFRED H., Associate Professor of Agricultural Education and Counselor on the University Council on Teacher Education — leave of absence, without pay, for one month from June 1, 1959, so that he may accept the invitation to be visiting professor on the 1959 summer session faculty of the College of Agriculture at the University of Nebraska.
- MASON, BRUCE B., Research Assistant Professor in the Institute of Government and Public Affairs — leave of absence, without pay, for the period February 22 through February 28, 1959, so that he may serve as a consultant to the State Commission on County Government.
- STONE, C. WALTER, Professor of Library Science — extension of leave of absence, without pay, beginning September 1, 1959, and ending August 31, 1960, so that he may continue his services to the United States Office of Education as consultant on research and experimentation in television, radio, motion pictures, and related media for educational programs.
- TASCHER, MURL E., Grundy County Farm Adviser — leave of absence with pay from January 16 through April 30, 1959, and leave without pay beginning May 1, 1959, and continuing until further notice.
- WRIGHT, J. RICHARD, Research Associate in Mechanical Engineering (S) — leave of absence, without pay, from April 10, 1959, and continuing through May 31, 1959.

On motion of Mr. Clement, the meeting adjourned.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

April 14, 1959



The April meeting of the Board of Trustees of the University of Illinois was held in Allen Hall, Urbana, Illinois, on Tuesday, April 14, 1959, 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 Gordon N. Ray, Dr. H. E. Longenecker, Vice-President in charge of the Chicago Professional Colleges, Director C. S. Havens of the Physical Plant Department, Professor Norman A. Parker, Chairman of the Building Program Committee, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Mr. Ralph F. Lese-mann, Legal Counsel, Mr. C. E. Flynn, Director of Public Information, Mr. Joseph S. Begando, Assistant to the President, Mr. George H. Bargh, Administrative Assistant in the President's Office; 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 November 19 and December 17, 1958, and January 20, 1959, press proof copies of which have previously been sent to the Board.

On motion of Mr. Johnston, these minutes were approved as printed on pages 179 to 283, 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.

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. FRED FISCHER, Research Assistant Professor of Physics, beginning September 1, 1959, at an annual salary of \$7,500 (DY).
2. EDWARD LEE GARWIN, Research Assistant Professor of Physics, beginning September 1, 1959, at an annual salary of \$7,500 (DY).
3. ROBERT W. JOHANNSEN, Associate Professor of History, beginning September 1, 1959, at an annual salary of \$8,000 (D).
4. JERMYN F. McCAHAN, Clinical Assistant Professor of Preventive Medicine, beginning April 1, 1959, without salary (DY).
5. ERNST T. MORCH, Clinical Professor of Anesthesiology, in the Department of Surgery, on one-fourth time, beginning March 1, 1959, at an annual salary of \$3,000 (DY25).
6. FRANCO U. RINALDI, Clinical Assistant Professor of Psychiatry, in the College of Medicine, beginning February 1, 1959, without salary (DY).
7. DONALD ROSS, Clinical Assistant Professor of Orthopaedic Surgery, in the College of Medicine, beginning March 1, 1959, without salary (DY).
8. JOHN R. SCHRIEFER, Assistant Professor of Physics, beginning September 1, 1959, at an annual salary of \$7,200 (D).
9. ROBERT B. SCHWART, Associate Professor of Farm Management, in the Department of Agricultural Economics, beginning May 1, 1959, at an annual salary of \$8,800 (S-DY20, E-DY71).

Nonacademic Appointment

The Director of Nonacademic Personnel reports the following appointment to a supervisory position of upper level responsibility.

1. BARBARA F. ADAMS, Staff Physical Therapist in the Department of Physical Medicine and Rehabilitation, in the Research and Educational Hospitals, beginning February 23, 1959, at an annual salary of \$4,920.

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

HEADSHIP OF THE DEPARTMENT OF DERMATOLOGY

(2) The Dean of the College of Medicine and the Vice-President in charge of the Chicago Professional Colleges recommend the appointment of Dr. Adolph Rostenberg, Jr., as Professor of Dermatology on indefinite tenure and Head of the Department of Dermatology beginning May 1, 1959, at a salary of \$18,000 a year on "Y" basis.

This appointment is to fill the vacancy created by the resignation of Dr. Marcus R. Caro, who has gone into private practice, but who accepted appointment on the nonsalaried staff as Research Associate in Oral Pathology in the College of Dentistry. Dr. Rostenberg has been Acting Head of the Department since September 1, 1958. He was nominated for this appointment by a special search committee and all members of the Department of Dermatology of professorial rank have been consulted. The Vice-President and Provost and the Dean of the Graduate College concur.

I recommend approval.

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

HEADSHIP OF THE DEPARTMENT OF GENERAL ENGINEERING

(3) The Dean of the College of Engineering recommends the appointment of Jerry Stanley Dobrovolsky, Associate Professor of General Engineering, as Head of the Department of General Engineering beginning September 1, 1959, at an annual salary of \$10,000 on "A" basis.

This appointment is to fill the vacancy which will be created by the retirement of Professor Randolph P. Hoelscher on September 1, 1959, after forty-one years of service on the faculty. The nomination of Professor Dobrovolsky was made by a search committee appointed by the Dean, and all members of the department of professorial rank have been consulted. The Vice-President and Provost and the Dean of the Graduate College concur in this appointment.

I recommend approval.

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

APPOINTMENT OF ACTING DEAN OF THE COLLEGE OF EDUCATION

(4) Dean B. L. Dodds of the College of Education died on March 23, 1959. Previously he had been granted leave of absence with full pay from March 1 to June 15, 1959, on account of illness.

After consultation with the Executive Committee of the College, and with the concurrence of the Vice-President and Provost, I appointed Dr. Charles M. Allen, Professor of Education and Associate Dean of the College of Education, as Acting Dean of the College effective March 1, 1959, to serve until a successor to Dean Dodds is appointed and takes office.

Confirmation of this action is requested.

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

APPOINTMENTS TO THE 1959 SUMMER SESSION STAFF

(5) I submit recommendations for appointments to the faculty for the 1959 Summer Session. Appointments in the Summer Session budget provide for an eight-week term at Urbana-Champaign, June 15 through August 8, and at the Chicago Undergraduate Division, June 19 through August 14; and two six-week terms, June 22 through August 1, and August 3 through September 12, in the College of Pharmacy.

The salaries of members of the University faculty recommended for appointment to the Summer Session staff are computed on the basis of the authorized formula of two-ninths of the salary of the academic year for the eight-week Summer Session and proportionate amounts for other periods or for part-time service.

The budget totals \$728,660 plus a reserve of \$5,049 for Urbana-Champaign; \$13,391 for the Chicago Professional Colleges; and \$105,142 plus a reserve of \$858 for the Chicago Undergraduate Division.

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 in adjustments and additional appointments as are necessary in accordance with the needs of the University within the estimated income.

On motion of Mr. Herrick, 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. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

URBANA-CHAMPAIGN

Accountancy	Part-time	Summer Salary
1. N. M. Bedford, Professor.....		\$ 2 667
2. R. I. Dickey, Professor.....		2 734
3. G. E. Lukas, Professor.....		2 223
4. W. E. Thomas, Professor.....		2 045
5. D. H. Skadden, Associate Professor.....		1 712

	<i>Part-time</i>	<i>Summer Salary</i>
6. H. P. Holzer, Assistant Professor.....		\$ 1 356
7. E. J. DeMaris, Assistant Professor.....		1 534
8. P. E. Fess, Instructor.....	1/2	504
9. Nancy A. Desmond, Assistant.....		867
		(\$15 642)

Advertising

1. J. J. Mullen, Assistant Professor.....		\$ 1 576
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Aeronautical Engineering

1. J. M. Coan, Jr., Professor.....	4/5	\$ 1 619
2. E. A. Stannard, Instructor.....		1 445
3. W. H. F. Stahl, Assistant.....	1/2	423
4. E. L. Walsh, Assistant.....	1/2	423
		(\$ 3 910)

Architecture

1. L. J. Brightbill, Associate Professor.....		\$ 2 112
2. F. D. Miles, Associate Professor.....		2 000
3. J. G. Replinger, Associate Professor.....		1 889
4. D. E. Sporleder, Assistant Professor.....		1 289
5. T. E. Kurz, Instructor.....		1 200
		(\$ 8 490)

Art

1. J. R. Shipley, Professor and Head of Department.....		\$ 2 823
2. W. F. Doolittle, Professor.....		2 156
3. E. C. Rae, Professor.....		1 867
4. H. A. Schultz, Professor.....	2/3	1 438
5. C. V. Donovan, Professor.....		2 512
6. G. R. Bradshaw, Associate Professor.....	2/3	1 067
7. L. R. Chesney, Associate Professor.....	2/3	1 112
8. M. B. Martin, Associate Professor.....	2/3	1 112
9. N. V. Zirolf, Associate Professor.....		1 556
10. D. E. Frith, Assistant Professor.....	2/3	875
11. J. W. Raushenberger, Assistant Professor.....		1 512
12. R. A. von Neumann, Assistant Professor.....	2/3	990
13. J. H. G. Lynch, Assistant Professor.....		1 334
14. L. H. Price, Instructor.....	2/3	890
15. D. C. Robertson, Instructor.....	2/3	771
		(\$22 015)

Astronomy

1. Henry Albers, Associate Professor.....		\$ 1 600
2. R. E. White, Jr., Assistant.....	1/2	400
		(\$ 2 000)

Bacteriology

1. R. S. Wolfe, Associate Professor.....		\$ 1 667
2. H. M. Nakata, Assistant.....		1 000
3. ———, Assistant.....	1/2	400
4. ———, Assistant.....	1/2	400
5. ———, Assistant.....	1/2	400
		(\$ 3 867)

University of Illinois Bands

1. E. D. Kisinger, Assistant Director.....	1/2	\$ 894
(See Music).....		(895)
(Total Salary).....		(1 789)
		(\$ 894)

Botany

1. J. R. Laughnan, Professor and Chairman of Department.....		\$ 2 778
2. L. R. Heckard, Assistant Professor.....		1 334
3. D. M. Post, Assistant Professor.....		1 334
		(\$ 5 446)

		<i>Part-time</i>	<i>Summer Salary</i>
Business Education			
1. Elizabeth R. Melson, Associate Professor.....	1/2	\$ 817	
(See Education)		(817)	
(Total Salary)		(1 634)	
2. R. E. Mason, Assistant Professor.....	1/2	826	
3. Mildred E. Reed, Assistant Professor.....		1 312	
4. Margaret Furtkamp, Assistant.....	1/2	474	
		(\$ 3 429)	
Business Law			
1. P. C. Roberts, Professor.....	1/2	\$ 1 134	
2. B. F. Kirkpatrick, Associate Professor.....		1 667	
3. R. N. Corley, Assistant Professor.....		1 445	
		(\$ 4 246)	
Chemistry and Chemical Engineering			
1. Therald Moeller, Professor of Inorganic Chemistry.....		\$ 1 222	
(From National Science Foundation).....		(1 223)	
(Total Salary)		(2 445)	
2. _____, Professor		2 445	
3. T. J. Hanratty, Associate Professor of Chemical Engineering		1 778	
4. A. M. Hartley, Assistant Professor of Analytical Chemistry.		1 378	
5. R. S. Juvet, Assistant Professor of Analytical Chemistry....		1 400	
6. D. D. Perlmutter, Assistant Professor of Chemical Engineering		1 423	
7. J. A. Quinn, Assistant Professor of Chemical Engineering...		1 334	
8. K. E. VanHolde, Assistant Professor of Physical Chemistry.		1 600	
9. _____, Assistant Professor.....		1 400	
10. R. B. Bates, Instructor in Inorganic Chemistry.....		1 223	
11. S. K. Madan, Assistant.....	1/2	423	
12. L. C. Thompson, Assistant.....	1/2	400	
13. W. A. Yeranov, Assistant.....	1/2	400	
14. G. R. Layton, Assistant.....	1/2	400	
15. R. P. Clark, Assistant.....	1/2	423	
16. R. W. Miller, Assistant.....	1/2	423	
17. R. D. Mikesell, Assistant.....	1/2	423	
18. D. K. Wedegaertner, Assistant.....	1/2	400	
19. J. C. Summers, Assistant.....	1/2	400	
20. Ernest Drew, Assistant.....	1/4	200	
21. David Tuleen, Assistant.....	1/4	200	
22. L. H. Shepherd, Assistant.....	1/3	282	
23. _____, Assistant	1/2	445	
24. R. H. Hook, Assistant.....	1/2	400	
25. R. L. Larson, Assistant.....	1/2	400	
26. G. H. Ourisson, Visiting Lecturer.....		2 000	
(2 Rue Goethe, Strasbourg, France)			
27. S. W. Benson, Visiting Lecturer.....		2 500	
(2641 Hutton Drive, Beverly Hills, California)			
28. Gregorio Weber, Visiting Lecturer.....		2 000	
(82 Crimcar Lane, Sheffield 10, Yorks, England)			
29. Robert Barker, Visiting Lecturer.....		1 500	
(Department of Chemistry, Washington University, St. Louis, Missouri)			
30. Martin Saunders, Visiting Lecturer.....		1 500	
(730 Whitney Avenue, New Haven, Connecticut)			
31. N. L. Allinger, Visiting Lecturer.....		1 600	
(582 East Drayton, Ferndale, Michigan)			
		(\$31 922)	
City Planning and Landscape Architecture			
1. W. I. Goodman, Associate Professor of City Planning.....	1/2	\$ 923	
2. W. M. Keith, Associate Professor of Landscape Architecture	1/2	923	
		(\$ 1 846)	

Civil Engineering		Part-time	Summer Salary
1. N. M. Newmark, Professor and Head of Department.....	$\frac{1}{4}$	\$ 1 000	
2. E. H. Gaylord, Jr., Professor.....	$\frac{1}{2}$	1 334	
3. R. B. Peck, Professor of Foundation Engineering.....	$\frac{1}{2}$	1 512	
4. D. U. Deere, Professor.....		2 000	
5. G. H. Dell, Professor.....		2 000	
6. W. H. Munse, Professor.....	$\frac{1}{2}$	1 223	
7. J. E. Stallmeyer, Associate Professor.....	$\frac{1}{2}$	856	
8. W. J. Austin, Associate Professor.....	$\frac{1}{2}$	900	
9. R. S. Engelbrecht, Associate Professor of Sanitary Engineering.....		1 845	
10. B. B. Ewing, Associate Professor.....	$\frac{1}{2}$	856	
11. W. J. Hall, Associate Professor.....	$\frac{1}{2}$	900	
12. H. O. Ireland, Associate Professor.....	$\frac{1}{2}$	889	
13. R. E. Untrauer, Research Associate.....	$\frac{1}{2}$	723	
14. _____, Assistant.....	$\frac{3}{10}$	270	
		(\$16 308)	

Civil Engineering (Summer Surveying Camp)

1. M. O. Schmidt, Professor and Camp Director (June 8 to August 29)		\$ 3 134
2. L. D. Walker, Professor of General Engineering (June 15 to July 18)		1 237
3. E. H. Coe, Associate Professor (June 15 to July 18).....		1 056
4. W. H. Eldridge, Assistant Professor (June 8 to August 29) ..		2 167
5. H. M. Karara, Assistant Professor (June 15 to August 22) ..		1 625
6. H. E. Irby, Visiting Lecturer (June 15 to July 18).....		973
7. Gordon Gracie, Instructor (June 15 to August 22).....		1 556
		(\$11 748)

Classics

1. B. E. Perry, Professor.....		\$ 2 689
2. R. E. A. Palmer, Instructor.....	$\frac{3}{4}$	768
		(\$ 3 457)

Division of General Studies

1. Robert Siegfried, Assistant Professor of Chemistry.....		\$ 1 445
2. J. F. Glawe, Instructor in Biological Science.....		1 200
3. ———, Assistant	$\frac{1}{2}$	400
		(\$ 3 045)

Economics

1. J. F. Bell, Professor and Chairman of Department.....	$\frac{1}{2}$	\$ 1 556
2. H. K. Allen, Professor.....		2 889
3. R. W. Harbeson, Professor.....		2 156
4. B. E. Edwards, Assistant Professor.....		1 400
5. W. W. McMahon, Assistant Professor.....		1 445
6. B. O. Campbell, Instructor.....	$\frac{1}{2}$	723
7. ———, Instructor	$\frac{1}{2}$	723
8. John Chiu, Assistant.....	$\frac{3}{4}$	600
9. P. J. Walsh, Assistant.....	$\frac{1}{2}$	400
10. Ronald Simmons, Assistant.....	$\frac{1}{2}$	400
11. L. M. Kowal, Assistant.....	$\frac{1}{2}$	400
12. ———, Assistant	$\frac{1}{2}$	400
13. ———, Visiting Lecturer.....	$\frac{1}{2}$	855
		(\$13 947)

Education

1. A. W. Anderson, Professor.....		\$ 2 112
2. F. P. Barnes, Professor.....		2 225
3. T. E. Benner, Professor.....		2 578
4. G. M. Blair, Professor.....		2 089
5. H. S. Broudy, Professor.....		2 156
6. A. C. Condon, Professor of Business Education.....	$\frac{1}{2}$	1 223
7. J. J. DeBoer, Professor.....		2 045

	Part- time	Summer Salary
8. R. N. Evans, Professor.....		\$ 2 089
9. C. R. Griffith, Professor.....		3 000
10. H. C. Hand, Professor.....		2 745
11. K. B. Henderson, Professor.....		2 289
12. R. S. Jones, Professor.....		2 000
13. M. R. Karnes, Professor.....		2 312
14. W. V. Kaulfers, Professor.....		1 956
15. C. G. Knapp, Professor.....		1 934
16. P. E. Miller, Professor.....		2 556
17. O. H. Mowrer, Professor of Psychology.....	½	1 444
(See Psychology)		(1 445)
(Total Salary)		(2 889)
18. T. E. Newland, Professor.....		1 889
19. C. W. Odell, Professor.....		1 923
20. M. M. Ohlsen, Professor.....		2 267
21. R. E. Pingry, Professor.....		1 867
22. J. H. Shores, Professor.....		2 289
23. R. H. Simpson, Professor.....		2 200
24. B. O. Smith, Professor.....		2 689
25. W. O. Stanley, Professor.....		2 200
26. Letitia Walsh, Professor.....		2 045
27. J. M. Atkin, Associate Professor.....		878
(From National Science Foundation).....		(878)
(Total Salary)		(1 756)
28. Basil Castaldi, Associate Professor.....		1 778
29. J. J. Gallagher, Associate Professor.....		1 878
30. N. E. Gronlund, Associate Professor.....		1 778
31. Ann E. Jewett, Associate Professor.....		1 645
32. C. E. Johnson, Associate Professor.....		1 667
33. W. M. Lifton, Associate Professor.....		1 556
34. D. G. Lux, Associate Professor of Industrial Education.....		1 689
35. J. E. McGill, Associate Professor.....		1 812
36. Elizabeth R. Melson, Associate Professor of Business Edu- cation.....	½	817
(See Business Education)		(817)
(Total Salary)		(1 634)
37. L. E. Metcalf, Associate Professor.....		1 734
38. W. J. Moore, Associate Professor.....		1 756
39. F. C. Proff, Associate Professor.....		1 734
40. Sidney Rosen, Visiting Associate Professor.....		933
(From National Science Foundation).....		(934)
(Total Salary)		(1 867)
41. Elizabeth J. Simpson, Associate Professor.....		1 645
42. R. A. Tinkham, Associate Professor (July 13 to August 8) ..		823
43. Herbert Goldstein, Assistant Professor.....		1 534
44. ———, Assistant Professor.....		1 472
45. C. E. Howe, Assistant Professor.....		1 456
46. K. M. Lansing, Assistant Professor.....		1 478
47. C. B. Porter, Assistant Professor of Industrial Education....		1 467
48. W. L. Shoemaker, Assistant Professor.....		1 423
49. J. R. Suchman, Assistant Professor.....		1 534
50. A. P. Whitney, Assistant Professor.....		1 412
51. D. H. Gliessman, Assistant.....	½	500
52. Dorothy M. Keenan, Assistant (July 13 to August 8).....		500
(From Family Finance Workshop).....		(500)
(Total Salary)		(1 000)
53. Theodore Kaltsounis, Assistant.....	½	400
54. P. W. Koester, Assistant.....	½	500
55. G. E. Ross, Assistant.....	½	500
56. ———, Assistant	½	500
57. ———, Assistant	½	500

	Part-time	Summer Salary
58. _____, Assistant	½	\$ 500
59. Leo Cain, Visiting Lecturer (June 15 to July 11)..... (San Francisco State College, San Francisco, California)		1 200
60. W. F. Connell, Visiting Lecturer..... (University of Sydney, Sydney, Australia)		1 800
61. V. F. Haubrich, Visiting Lecturer..... (University of Utah, Salt Lake City, Utah)		1 600
62. W. O. Martin, Visiting Lecturer..... (University of Rhode Island, Kingston, Rhode Island)		1 600
63. M. C. Shaw, Visiting Lecturer..... (Chico State College, Chico, California)		1 550
64. I. N. Thut, Visiting Lecturer..... (University of Connecticut, Storrs, Connecticut)		1 600
65. G. A. Male, Visiting Lecturer..... (705 Cedar Lane, Falls Church, Virginia)		1 600
66. _____, Visiting Lecturer.....	½	800
67. _____, Visiting Lecturer.....	½	800
68. _____, Visiting Lecturer.....	½	800
69. _____, Visiting Lecturer (July 13 to August 8).....		900
70. _____, Visiting Lecturer (June 15 to July 11).....		900
71. Mary Dolores Durkin, Visiting Lecturer..... (University of California, Berkeley, California)	½	700
72. Helen M. Lohr, Visiting Lecturer (June 15 to July 11)..... (Head of Department of Home Economics, Central Michigan College, Mt. Pleasant, Michigan)		700
73. A. J. Pirro, Visiting Lecturer..... (10 Marion Boulevard, Scotia 2, New York)		1 300
74. Rhea Pederson, Visiting Lecturer..... (Campus School, Wisconsin State College, La Crosse, Wisconsin)		1 300
75. M. A. Donzella, Visiting Lecturer..... (504 South Urbana Avenue, Urbana, Illinois)		1 000
76. Jacqueline Elaine Waddick, Visiting Lecturer..... (1001 South Elm Street, Champaign, Illinois)		1 000

(\$117 071)

Education (Family Finance Workshop)

1. Ella C. Leppert, Associate Professor and Coordinator (June 15 to July 24)..... (\$ 1 203)
2. _____, Associate Professor (June 15 to July 10)..... (845)

Electrical Engineering

1. G. E. Anner, Professor.....		\$ 2 112
2. L. B. Archer, Professor.....		1 956
3. _____, Professor	½	1 000
4. M. A. Faucett, Professor.....		2 089
5. M. S. Helm, Professor.....		2 112
6. C. A. Keener, Professor.....		2 400
7. C. E. Skroder, Professor.....		1 889
8. J. E. Williams, Professor.....		2 089
9. _____, Associate Professor.....		1 556
10. M. H. Crothers, Associate Professor.....		1 778
11. P. R. Egbert, Associate Professor.....		1 678
12. H. W. Horn, Associate Professor.....		1 789
13. G. R. Peirce, Associate Professor.....		1 912
14. P. A. Bauman, Assistant Professor.....		1 334
15. P. K. Hudson, Assistant Professor.....		1 600
16. J. O. Kopplin, Assistant Professor.....		1 667
17. J. B. Kreer, Assistant Professor.....		1 667
18. B. C. Kuo, Assistant Professor.....		1 512
19. G. H. Lechner, Assistant Professor.....	½	519

	Part-time	Summer Salary
20. _____, Visiting Assistant Professor.....		\$ 1 445
21. M. K. Sarioglu, Visiting Assistant Professor.....	3/5	830
22. B. R. Myers, Assistant Professor.....		1 734
23. S. DasGupta, Instructor.....	3/4	801
24. Vembu GouriShankar, Instructor.....		1 167
25. _____, Instructor.....	1/2	512
26. H. G. Lafuse, Instructor.....		978
27. J. R. Lehmann, Instructor.....		1 215
28. _____, Instructor.....	1/2	512
29. W. T. Patton, Instructor.....	3/4	1 001
30. B. A. Shenoi, Instructor.....	2/3	652
31. _____, Instructor.....		978
32. _____, Instructor.....	2/3	652
		(\$45 136)

English

1. R. W. Rogers, Professor and Head of Department.....		\$ 2 880
2. G. B. Evans, Professor.....		2 089
3. R. M. Smith, Professor.....		2 200
4. Bruce Harkness, Associate Professor.....		1 556
5. F. W. Weeks, Associate Professor of Business English.....	1/2	834
6. H. W. Wilson, Associate Professor.....		1 712
7. A. L. Altenbernd, Assistant Professor.....	1/2	667
8. W. J. Chamberlin, Assistant Professor of Business English..	1/2	767
9. N. P. Davis, Assistant Professor.....	1/2	623
10. R. L. Haig, Assistant Professor.....		1 356
11. G. P. Haskell, Assistant Professor.....	1/2	734
12. J. T. Maguire, Assistant Professor of Business English.....	1/2	667
13. F. B. Moake, Assistant Professor.....		1 206
14. Edward Nehls, Assistant Professor.....	1/2	689
15. Robert Ornstein, Assistant Professor.....	1/2	723
16. H. F. Robins, Assistant Professor.....	1/2	678
17. R. L. Schneider, Assistant Professor.....	1/2	623
18. Margaret Bloom, Instructor.....	1/2	534
19. J. A. Hamilton, Instructor.....	1/2	545
20. F. E. Hodgins, Jr., Instructor.....	1/2	600
21. D. J. Hogan, Instructor.....	1/2	578
22. W. J. Lord, Jr., Instructor in Business English.....	1/2	623
23. J. S. Martin, Instructor.....	1/2	589
24. Stanton Millet, Instructor.....	1/2	578
25. Mrs. Jean Praninskas, Instructor.....		1 067
26. D. A. Reibel, Instructor.....	1/2	500
27. L. P. Spataro, Instructor in Business English.....	1/2	500
28. A. C. Tillman, Instructor.....	1/2	545
29. Michael Timko, Instructor.....		1 200
30. D. W. Dungan, Assistant.....	1/2	400
31. Merle Fifield, Assistant.....		889
32. J. D. Hopkins, Assistant.....		867
33. Maria E. Keen, Assistant.....		823
34. J. P. Masterson, Assistant.....	1/2	423
35. W. A. McQueen, Assistant.....	1/2	400
36. Michael Pasko, Assistant.....	1/2	423
37. R. A. Saner, Assistant.....	1/2	456
38. _____, Assistant.....	1/2	423
39. _____, Assistant.....	1/2	423
40. _____, Assistant.....	1/2	423
41. _____, Assistant.....	1/2	423
42. _____, Assistant.....	1/2	423
43. _____, Assistant.....	1/2	423
		(\$35 181)

Entomology

1. W. L. Downes, Assistant Professor.....	\$ 1 245
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		<i>Part- time</i>	<i>Summer Salary</i>
Finance			
1. R. I. Mehr, Professor.....			\$ 2 600
2. R. M. Nolen, Professor.....			2 178
3. P. T. Kinney, Assistant Professor.....			1 467
4. L. J. Santow, Assistant.....	¼		200
			(\$ 6 445)
French			
1. C. A. Knudson, Professor and Head of Department.....	½		\$ 1 500
2. B. H. Mainous, Associate Professor.....			1 778
3. R. E. Hallowell, Assistant Professor.....			1 534
4. F. W. Nachtmann, Instructor.....			1 245
5. S. E. Gray, Instructor.....	½		534
6. Kurt Klein, Instructor in Russian.....			1 200
7. T. H. Brown, Assistant.....	¾		630
8. Louise Shear Brown, Assistant.....	½		400
9. Anne M. Fenton, Assistant.....	½		400
10. G. R. Walmsley, Assistant.....	½		400
11. Berit Raffli, Assistant.....	½		400
12. ———, Assistant.....	½		400
13. ———, Assistant.....	½		400
			(\$10 821)
General Engineering			
1. W. L. Shick, Associate Professor.....	½		\$ 789
2. R. A. Jewett, Assistant Professor.....			1 400
3. R. J. Beck, Instructor.....			1 023
			(\$ 3 212)
Geography			
1. F. W. Foster, Professor.....			\$ 2 034
2. J. L. Page, Professor.....	½		978
3. J. H. Garland, Professor.....			2 034
4. R. L. Carmin, Associate Professor.....			1 778
5. C. S. Alexander, Assistant Professor.....	½		712
6. ———, Assistant.....	⅛		100
7. ———, Assistant.....	⅛		100
8. ———, Assistant.....	⅛		100
9. ———, Assistant.....	⅛		100
10. ———, Assistant.....	¼		200
11. ———, Assistant.....	¼		200
12. ———, Assistant.....	½		400
13. ———, Assistant.....			800
			(\$ 9 536)
Geology			
1. J. L. Hough, Professor.....			\$ 2 112
2. F. L. Koucky, Assistant Professor.....			1 245
3. J. D. Carl, Assistant.....			800
4. J. D. McGregor, Assistant.....			800
5. ———, Assistant.....	½		400
6. J. H. Fisher, Visiting Lecturer.....			1 800
(Department of Geology, Michigan State University, East Lansing, Michigan)			
7. F. H. T. Rhodes, Visiting Lecturer.....			2 400
(Department of Geology, Singleton Park, University College, Swansea, Wales)			
8. N. E. Cygan, Visiting Lecturer.....			1 200
(Department of Geology, Ohio Wesleyan University, Delaware, Ohio)			
			(\$10 757)
German			
1. E. A. Philippson, Professor.....			\$ 2 378
2. Henri Stegemeier, Professor.....			2 134

	<i>Part-time</i>	<i>Summer Salary</i>
3. J. E. Engel, Instructor.....		\$ 1 067
4. Burkhard Seubert, Instructor.....		1 089
5. ———, Assistant	½	400
6. ———, Assistant	½	400
7. ———, Assistant	½	400
8. ———, Assistant	½	400
9. ———, Assistant	½	400
10. ———, Assistant	½	400
		(\$ 9 068)

Health and Safety Education

1. A. E. Florio, Professor.....	½	\$ 1 145
2. G. T. Stafford, Professor.....	¾	1 850
		(\$ 2 995)

Health Service

1. Jack Otis, Associate Professor of Hygiene.....	¾	\$ 1 178
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History

1. J. W. Swain, Professor and Chairman of Department.....	¾	\$ 1 734
2. F. A. Shannon, Professor.....		2 845
3. C. E. Dawn, Associate Professor.....		1 778
4. D. J. Geanakoplos, Associate Professor.....		1 823
5. J. B. Sirich, Associate Professor.....		1 667
6. J. L. Bates, Assistant Professor.....		1 467
7. O. P. Pflanze, Assistant Professor.....		1 556
8. W. G. Gard, Assistant.....	½	400
9. J. M. Haas, Assistant.....	½	400
10. R. W. Heywood, Assistant.....	½	400
11. J. W. Pringle, Assistant.....	½	400
12. G. C. Fite, Visiting Lecturer.....		2 000
(University of Oklahoma, Norman, Oklahoma)		
13. O. F. Ander, Visiting Lecturer.....		1 750
(Augustana College, Rock Island, Illinois)		
		(\$18 220)

Home Economics

1. Pearl Z. Janssen, Associate Professor (June 15 to July 11) ..		\$ 823
2. Mildred Bonnell, Associate Professor (June 15 to July 11) ..		856
3. M. Virginia Guthrie, Assistant Professor (June 15 to July 11)		667
4. Millicent V. Martin, Instructor.....		1 089
5. Vivian P. Larson, Assistant (June 15 to July 11).....		423
6. Evelyn Rouner, Assistant.....	½	400
7. Susan Kelley, Assistant.....	½	400
8. Ruth J. Dales, Visiting Lecturer.....		1 867
(School of Home Economics, Florida State University, Tallahassee, Florida)		
		(\$ 6 525)

Journalism

1. R. R. Barlow, Professor.....	½	\$ 1 012
2. R. L. Hildwein, Assistant Professor.....	½	728
		(\$ 1 740)

Law

1. C. H. Bowman, Professor.....		\$ 2 600
2. K. S. Carlston, Professor.....		2 778
3. R. G. Cohn, Professor.....		3 289
4. W. H. Davis, Professor.....		2 912
5. G. T. Frampton, Professor.....		2 667
6. V. J. Stone, Associate Professor.....		2 267
7. R. B. Looper, Assistant Professor.....		2 023
8. P. O. Proehl, Assistant Professor.....		2 000
		(\$20 536)

Library School		Part- time	Summer Salary
1. Thelma Eaton, Professor.....			\$ 1 934
2. W. V. Jackson, Associate Professor.....			1 889
3. D. E. Strout, Associate Professor.....			1 845
4. Marie M. Hostetter, Assistant Professor.....			1 489
5. _____, Assistant			800
6. _____, Assistant			850
7. _____, Assistant		1/2	400
8. D. E. Carroll, Assistant.....		1/2	400
9. _____, Assistant		1/2	400
10. Harold Goldstein, Visiting Lecturer..... (1563 West Garfield, Davenport, Iowa)			1 800
11. J. C. Harrison, Visiting Lecturer..... (Head of School of Librarianship, Manchester College of Science and Technology, Manchester, England)			1 800
12. Emilie Varden Smith, Visiting Lecturer..... (Serials Cataloger, University of Kentucky Library, Lex- ington, Kentucky)			1 600
13. Alice Willis, Visiting Lecturer..... (1218 Harvard Terrace, Evanston, Illinois)			1 600
			(\$16 807)
Management			
1. P. M. Dauten, Jr., Professor.....			\$ 2 089
2. I. L. Heckmann, Jr., Associate Professor.....			1 712
3. L. L. D. Shaffer, Instructor.....			1 223
4. C. A. Sims, Instructor.....			1 223
5. L. E. Barnes, Jr., Assistant.....		1/2	467
6. S. G. Huneryager, Assistant.....		1/2	475
7. Franzy Eakin, Lecturer.....		1/2	778
			(\$ 7 967)
Marketing			
1. R. V. Mitchell, Associate Professor.....			\$ 1 956
2. R. D. Millican, Associate Professor.....			1 778
3. C. G. Walters, Assistant.....		1/2	400
4. A. A. Done, Assistant.....		1/4	200
			(\$ 4 334)
Mathematics			
1. M. M. Day, Professor and Head of Department.....	1/2		\$ 1 367
2. P. W. Ketchum, Professor.....		2	312
3. C. R. Blyth, Associate Professor.....		1	778
4. W. A. Ferguson, Associate Professor.....		1	689
5. Joseph Landin, Associate Professor.....	1/2		945
6. J. W. Peters, Associate Professor.....		1	712
7. E. J. Scott, Associate Professor.....		1	623
8. L. L. Steimley, Associate Professor.....	7/10		1 112
9. Michio Suzuki, Associate Professor.....		1	889
10. O. K. Bower, Assistant Professor.....		1	423
11. Corinne Hattan, Assistant Professor.....		1	245
12. L. L. Helms, Assistant Professor.....		1	445
13. R. G. Langebartel, Assistant Professor.....		1	600
14. Jewell E. Schubert, Assistant Professor.....		1	334
15. R. A. Wijsman, Assistant Professor.....		1	623
16. W. M. Zaring, Assistant Professor.....	1/2		667
17. Tyler Allhands, Instructor.....		1	156
18. R. M. Haber, Instructor.....		1	334
19. Clarence Phillips, Instructor.....		1	200
20. F. J. Hahn, Assistant.....			800
21. H. L. Jackson, Assistant.....			800
22. G. K. Leaf, Assistant.....			800
23. L. S. Levy, Assistant.....			800
24. D. A. Moran, Assistant.....			800

	<i>Part-time</i>	<i>Summer Salary</i>
25. R. A. Welker, Assistant.....		\$ 800
26. K. W. Anderson, Assistant.....		800
27. J. R. Boen, Assistant.....	1/2	400
28. Hwa Suk Hahn, Assistant.....		800
29. D. H. Lorenz, Assistant.....		800
30. Earalil M. Paul, Assistant.....		800
31. E. F. Wilde, Assistant.....		800
		(\$36 654)

Mechanical Engineering

1. E. F. Hebrank, Professor.....		\$ 1 934
2. E. D. Luke, Professor.....		2 000
3. C. D. Greffe, Professor.....		1 867
4. J. L. Whisenand, Associate Professor.....		1 556
5. J. W. Bayne, Associate Professor.....		1 556
6. R. P. Strout, Associate Professor.....		1 556
7. W. E. Bair, Assistant Professor.....		1 556
8. W. L. Chow, Assistant Professor.....		1 556
9. G. P. Anderson, Lecturer in Industrial Engineering.....		1 000
10. S. R. Davis, Lecturer.....		1 512
11. B. F. von Turkovich, Lecturer in Industrial Engineering.....		1 512
12. D. L. Mykkanen, Instructor.....		1 223
13. M. B. Singer, Instructor.....		1 334
14. R. B. Gaither, Instructor.....		1 178
15. R. A. White, Assistant.....		978
16. R. J. Golik, Assistant.....	1/2	423
17. G. D. Davis, Instructor.....		1 112
18. D. W. Dareing, Assistant.....	1/4	212
19. S. R. Khastgir, Assistant.....	1/4	212
		(\$24 277)

Mining and Metallurgical Engineering

1. F. D. Wright, Professor of Mining Engineering (June 15 to July 4).....	1/2	\$ 384
2. G. R. Eadie, Assistant Professor of Mining Engineering (June 15 to July 4).....	1/2	305
		(\$ 689)

Music

1. Bjornar Bergethon, Professor.....		\$ 2 312
2. H. A. Decker, Professor.....		2 223
3. B. R. Foote, Professor.....		2 267
4. W. S. Goldthwaite, Professor.....	2/3	1 393
5. P. S. Pettinga, Professor.....		2 000
6. Dragan Plamenac, Professor.....	2/3	1 526
7. Charles Leonhard, Professor.....		2 312
8. Paul Rolland, Professor.....		2 089
9. W. L. Roosa, Professor.....	1/2	1 000
10. Sherman Schoonmaker, Professor (July 5 to 18).....		556
11. H. O. Sexton, Professor.....		1 867
12. G. R. Waller, Professor.....		1 867
13. L. E. Zirner, Professor.....		1 956
14. J. R. Kelly, Associate Professor.....		1 712
15. E. D. Kisinger, Associate Professor.....	1/2	895
(See Bands).....		(894)
(Total Salary).....		(1 789)
16. A. J. McDowell, Associate Professor.....		1 600
17. R. H. Swenson, Associate Professor.....	3/4	1 350
18. A. M. Carter, Assistant Professor.....	1/4	405
19. Dorothy E. Clark, Assistant Professor.....		1 378
20. R. E. Gray, Assistant Professor.....	2/3	889
21. D. A. Ledet, Assistant Professor.....	2/3	830
22. E. J. Krolick, Instructor.....		1 312

	Part-time	Summer Salary
23. B. C. Lemoine, Instructor.....		\$ 1 134
24. ———, Assistant		800
25. ———, Assistant		800
26. ———, Assistant		800
27. ———, Assistant		800
28. Jacques Abram, Visiting Lecturer.....		2 400
(Oklahoma College for Women, Chickasha, Oklahoma)		
29. A. H. Bone, Visiting Lecturer.....		1 800
(Duke University, Durham, North Carolina)		
30. M. W. Britton, Visiting Lecturer.....	½	500
(Arizona State College, Tempe, Arizona)		
31. Cecile C. Coombs, Visiting Lecturer.....		1 600
(545 Washington Place, East St. Louis, Illinois)		
32. S. G. Halfvarson, Visiting Lecturer.....		1 600
(161 Calumet Avenue, Aurora, Illinois)		
33. ———, Visiting Conductor (June 21 to July 18).....		1 000
34. ———, Visiting Conductor (June 14 to 27).....		600
35. ———, Visiting Conductor (July 5 to 18).....		300
36. ———, Visiting Conductor (June 21 to July 18).....		353
		(\$48 226)

Philosophy

1. D. W. Gotshalk, Professor and Chairman of Department....	½	\$ 1 473
2. M. H. Fisch, Professor.....		2 773
3. F. L. Will, Professor.....		2 200
4. Leonard Linsky, Associate Professor.....		1 556
5. H. S. Harris, Assistant Professor.....		1 245
		(\$ 9 247)

Physical Education for Men

1. T. K. Cureton, Professor.....		\$ 2 823
2. H. E. Kenney, Professor.....		2 267
3. A. W. Hubbard, Associate Professor.....	9/10	1 661
4. H. J. Braun, Assistant Professor.....	¾	345
5. R. E. Fletcher, Assistant Professor.....	¾	534
6. A. J. Barry, Assistant Professor.....	¾	362
7. C. W. Dempsey, Assistant.....	¾	371
8. C. B. Studley, Assistant.....	¾	278
9. R. A. Ginn, Assistant.....	¾	200
10. Dean Trembly, Assistant.....	½	467
11. ———, Assistant	¾	200
		(\$ 9 508)

Physical Education for Women

1. Beulah J. Drom, Assistant Professor.....	¾	\$ 993
2. Marjorie M. Harris, Instructor.....		1 112
3. Annelis S. Jensen, Instructor.....	¼	284
4. Marjorie A. Souder, Instructor (June 15 to July 11).....		550
5. Beverly D. Wilson, Assistant.....	½	512
		(\$ 3 451)

Physics

1. C. W. Sherwin, Professor.....		\$ 2 223
2. F. A. Otter, Instructor.....		1 245
3. ———, Assistant	½	420
4. ———, Assistant	½	420
5. ———, Assistant	½	420
6. ———, Assistant	½	420
7. ———, Assistant	½	420
8. ———, Assistant	½	420
9. Icko Iben, Jr., Visiting Lecturer.....		1 700
(46 Meacham Street, Williamstown, Massachusetts)		
10. ———, Visiting Lecturer.....		2 200
		(\$ 9 888)

		<i>Part-time</i>	<i>Summer Salary</i>
Physiology			
1.	J. D. Anderson, Associate Professor.....		\$ 1 689
2.	Frederick Sargent II, Associate Professor.....		1 600
3.	S. G. Stolpe, Assistant Professor.....		1 456
4.	_____, Assistant	½	400
5.	_____, Assistant	½	400
6.	_____, Assistant	½	400
7.	_____, Assistant	½	400
			(\$ 6 345)
Political Science			
1.	C. B. Hagan, Professor.....		\$ 2 078
2.	G. L. Wilhelm, Assistant.....	½	400
3.	C. J. Graham, Visiting Lecturer..... (Wisconsin State College, River Falls, Wisconsin)		1 600
4.	W. E. Miller, Visiting Lecturer..... (Survey Research Center, University of Michigan, Ann Arbor, Michigan)		2 200
			(\$ 6 278)
Psychology			
1.	G. D. Higginson, Professor.....		\$ 1 867
2.	O. H. Mowrer, Professor..... (See Education)	½	1 445 (1 444)
	(Total Salary)		(2 886)
3.	Jozef Cohen, Associate Professor.....		1 600
4.	Frank Costin, Associate Professor.....	½	823
5.	W. G. McAllister, Associate Professor.....		1 623
6.	D. T. Shannon, Assistant Professor.....		1 556
7.	_____, Instructor	½	623
8.	_____, Assistant	½	400
			(\$ 9 937)
Recreation			
1.	C. K. Brightbill, Professor and Head of Department.....		\$ 2 945
2.	A. V. Sapora, Associate Professor.....		1 967
			(\$ 4 912)
Sociology and Anthropology			
1.	J. E. Hulett, Jr., Professor of Sociology and Chairman of Department.....	½	\$ 1 112
2.	J. C. McGregor, Professor of Anthropology.....		2 134
3.	E. H. Winter, Associate Professor of Anthropology.....		1 556
4.	B. F. Timmons, Associate Professor of Sociology.....		1 912
5.	J. R. Gusfield, Assistant Professor of Sociology.....		1 423
6.	_____, Assistant in Anthropology.....		1 200
7.	_____, Assistant in Sociology.....		1 000
8.	Gilbert Shapiro, Visiting Lecturer in Sociology..... (237 Oak Street, Oberlin, Ohio)		2 000
			(\$12 337)
Spanish and Italian			
1.	H. R. Kahane, Professor of Spanish.....		\$ 2 356
2.	J. H. D. Allen, Jr., Professor of Spanish.....		1 889
3.	J. S. Flores, Associate Professor of Spanish.....		1 845
4.	F. P. Ellison, Assistant Professor of Spanish.....		1 512
5.	_____, Instructor		1 067
6.	M. H. Forster, Assistant in Spanish.....	½	400
7.	Verna K. Townsend, Assistant.....	¾	645
			(\$ 9 714)
Speech			
1.	E. T. Curry, Professor.....		\$ 2 089
2.	B. W. Hewitt, Professor..... (See University Theatre)	½	1 167 (1 167)
	(Total Salary)		(2 334)
3.	Marie Hochmuth, Professor.....	½	956

	Part-time	Summer Salary
4. Severina E. Nelson, Professor.....	¾	\$ 1 575
(See University Speech Clinic).....		(525)
(Total Salary)		(2 100)
5. J. W. Swanson, Professor.....		2 023
6. R. E. Nadeau, Associate Professor.....		1 612
7. M. T. Cobin, Assistant Professor.....		1 456
8. C. L. Hutton, Assistant Professor.....		1 434
9. W. E. Brockriede, Assistant Professor.....	½	694
(See Summer Debaters Youth Workshop).....		(695)
(Total Salary)		(1 389)
10. K. W. Broadrick, Assistant Professor.....	½	683
(See Summer Debaters Youth Workshop).....		(684)
(Total Salary)		(1 367)
11. Theodore Clevenger, Jr., Instructor.....	½	589
12. ———, Visiting Lecturer.....	½	750
		(\$15 028)

University Theatre and Summer Youth Theatre Program

1. B. W. Hewitt, Professor.....	½	\$ 1 167
(See Speech)		(1 167)
(Total Salary)		(2 334)
2. C. H. Shattuck, Professor.....	½	956
3. Genevieve Richardson, Assistant Professor.....		1 267
4. W. L. Smalley, Instructor.....		1 200
5. G. W. McKinney, Instructor.....		1 134
6. ———, Assistant	¼	200
7. ———, Assistant	¼	200
8. ———, Assistant	¼	200
9. ———, Assistant	¼	200
10. ———, Assistant	¼	200
11. ———, Assistant	¼	200
12. ———, Assistant	¼	200
13. ———, Assistant	¼	200
14. ———, Assistant	¼	200
15. ———, Assistant	¼	200
16. ———, Visiting Lecturer.....	½	750
		(\$ 8 474)

University Speech Clinic

1. Severina E. Nelson, Director of Speech Clinic.....	¼	\$ 525
(See Speech)		(1 575)
(Total Salary)		(2 100)
2. Marie O. Shere, Assistant Professor.....		1 323
3. Frances L. Johnson, Instructor.....		1 134
4. Jane B. Archer, Assistant.....		912
5. Jerry Griffith, Assistant.....		800
		(\$ 4 694)

Summer Debaters Youth Workshop

1. W. E. Brockriede, Assistant Professor.....	½	\$ 695
(See Speech)		(694)
(Total Salary)		(1 389)
2. K. W. Broadrick, Assistant Professor.....	½	684
(See Speech)		(683)
(Total Salary)		(1 367)
3. Fanny Jane Blankenship, Assistant.....	¼	200
4. K. W. Cavanaugh, Assistant.....	¼	200
		(\$ 1 779)

Theoretical and Applied Mechanics

1. C. E. Bowman, Professor.....	¾	\$ 1 290
2. P. G. Jones, Professor.....	¾	1 512
3. C. E. Kesler, Professor.....	¼	500
4. W. M. Lansford, Professor.....		2 423
5. J. O. Smith, Professor.....	¾	1 675

	<i>Part-time</i>	<i>Summer Salary</i>
6. C. E. Taylor, Professor.....	17/100	\$ 349
7. O. M. Sidebottom, Professor.....	17/100	312
8. H. R. Wetenkamp, Associate Professor.....		I 645
9. W. J. Worley, Associate Professor.....	½	823
10. A. C. Bianchini, Assistant Professor.....	½	723
11. T. M. Elsesser, Assistant Professor.....	½	723
12. R. S. Jensen, Assistant Professor.....	½	712
13. J. W. Baldwin, Instructor.....	⅓	400
14. S. R. Keim, Instructor.....	½	600
15. J. W. Murdock, Instructor.....	⅓	393
		(\$14 080)

Zoology

1. S. C. Kendeigh, Professor.....		\$ 2 267
2. Lester Ingle, Professor.....		I 934
3. H. M. Smith, Professor.....		I 934
4. M. R. Matteson, Associate Professor.....		I 600
5. W. J. Birge, Assistant Professor.....		I 245
6. R. A. Jersild, Jr., Assistant.....	½	400
7. John Hall, Assistant.....	½	400
8. W. E. McCaul, Assistant.....	½	400
9. J. B. Olson, Assistant.....	½	400
		(\$10 580)
<i>Total, Urbana-Champaign</i>		\$728 660
Reserve (to be assigned by the Dean of the Summer Session)...		\$ 5 949

CHICAGO PROFESSIONAL COLLEGES**Pharmacy**

1. A. J. Perkins, Associate Professor of Chemistry (June 22 to August 1)		\$ I 401
2. Ralph Daniels, Associate Professor of Chemistry (June 22 to August 1)		I 350
3. B. J. Babler, Professor of Physical Science (August 3 to September 12)		I 500
4. P. D. Carpenter, Associate Professor of Zoology (August 3 to September 12)		I 284
5. S. V. Susina, Assistant Professor (June 22 to August 1)		I 218
6. Bernard Greenberg, Assistant Professor of Zoology (June 22 to August 1)		I 084
7. C. K. Hunt, Associate Professor of Physical Science (August 3 to September 12)		I 284
8. F. P. Siegel, Assistant Professor (August 3 to September 12)		I 151
9. Bernard Ecanow, Assistant Professor (August 3 to September 12)		I 151
10. A. C. Core, Instructor in Physics (June 22 to August 1)	½	401
11. F. A. Turner, Instructor in Chemistry (August 3 to September 12)	½	367
12. C. M. Wiczorek, Assistant (August 3 to September 12)	½	600
13. R. A. Schumacher, Assistant in Pharmacognosy (August 3 to September 12)	½	600
		(\$13 391)
<i>Total, Chicago Professional Colleges</i>		\$13 391

CHICAGO UNDERGRADUATE DIVISION**Administration and General**

1. Irwin K. Feinstein, Staff Counselor.....		\$ I 512
2. Laurette A. Kirstein, Staff Counselor.....		I 378
3. Robert L. Miller, Staff Counselor.....	½	600
		(\$ 3 490)

		Part- time	Summer Salary
Biology			
1. Albert S. Rouffa, Associate Professor.....	½	\$	867
2. William Sangster, Associate Professor.....			1 800
3. Sidney F. Glassman, Assistant Professor.....			1 512
4. Ellis B. Little, Assistant Professor.....	½		734
5. James A. Bond, Instructor.....			1 112
6. Charles Scudder, Instructor.....			978
			(\$ 7 003)
Humanities			
1. Ernest S. Willner, Associate Professor of Foreign Languages		\$	1 600
2. Arnold J. Hartoch, Assistant Professor of Foreign Languages	¾		1 038
3. Robert Kauf, Assistant Professor of Foreign Languages....			1 423
4. Marie E. Lein, Assistant Professor of Foreign Languages....			1 512
5. John O. Marsh, Jr., Assistant Professor of Foreign Languages.....	¾		949
6. Constance Nicholas, Assistant Professor of English.....			1 512
7. Carl Pitt, Assistant Professor of Speech.....	½		778
8. Samuel A. Weiss, Assistant Professor of English.....			1 289
9. Johanna Braunfeld, Instructor in Foreign Languages.....			1 289
10. Janice M. Crews, Instructor in Speech.....			1 334
11. Mary T. Gallagher, Instructor in English.....			1 200
12. Guinevere Griest, Instructor in English.....			1 289
13. Eugene J. McNamara, Instructor in English.....			1 023
14. Sonia Miller, Instructor in English.....			1 334
15. David A. Munro, Instructor in English.....			1 156
16. Cecilia Rudin, Instructor in English.....			1 289
17. Ferdina J. Tort, Instructor in Foreign Languages.....	¾		800
			(\$20 815)
Mathematics			
1. Evelyn Frank, Professor.....	¾	\$	1 556
2. Herbert Curtis, Assistant Professor.....	¾		1 205
3. Louis Pennisi, Assistant Professor.....	¾		1 297
4. Louis Gordon, Instructor.....	¾		1 000
5. Roger G. Hill, Instructor.....	¾		1 000
6. Rose Lariviere, Instructor.....	¾		1 112
7. Grace Nolan, Instructor.....	¾		1 020
8. Thomas Ondrak, Instructor.....			1 289
9. L. Sjoblom, Instructor.....	¾		853
10. Rose Vedral, Instructor.....	¾		1 020
11. Leo Ziomek, Instructor.....			1 023
12. W. Henderleiter, Assistant.....	¾		741
			(\$13 116)
Physical Science			
1. F. B. Crum, Professor.....		\$	1 956
2. Joseph Bachrach, Associate Professor.....			1 623
3. Rosalind A. Klaas, Assistant Professor.....			1 423
4. J. V. Mansfield, Assistant Professor.....			1 623
5. Samuel Schrage, Assistant Professor.....			1 512
6. Sabine H. Casten, Instructor.....			1 112
7. R. E. DeMar, Instructor.....			1 067
8. Anatol Gottlieb, Instructor.....			1 334
9. Elaine Z. Herzog, Instructor.....			1 067
10. L. N. Kurs, Instructor.....	¾		830
11. G. I. Sackheim, Instructor.....			1 334
12. J. R. Dafler, Instructor.....			956
13. R. E. Johnson, Instructor.....			1 023
			(\$16 860)
Social Sciences			
1. Hollis W. Barber, Professor.....		\$	2 178
2. Alden D. Cutshall, Professor.....	¾		1 705
3. Peter P. Klassen, Professor.....			1 912

	Part-time	Summer Salary
4. Eli A. Lipman, Professor.....		\$ 1 912
5. Stanley L. Jones, Associate Professor.....		1 645
6. D. J. Morris, Associate Professor.....		1 778
7. ———, Associate Professor.....		1 000
8. Louis Unfer, Assistant Professor.....	$\frac{3}{4}$	949
9. Vivian C. Lipman, Instructor.....	$\frac{2}{3}$	682
10. Charles P. Warren, Instructor.....	$\frac{1}{2}$	534
11. James S. Chase, Visiting Lecturer.....	$\frac{1}{2}$	489
		(\$14 784)

Engineering

1. H. M. Skadeland, Associate Professor of Physics.....		\$ 1 712
2. ———, Associate Professor.....		1 940
3. ———, Associate Professor.....		1 794
4. W. R. Anderson, Assistant Professor of Physics.....		1 600
5. O. Livermore, Assistant Professor of Physics.....		1 467
6. M. W. Minkler, Assistant Professor of Physics.....		1 378
7. J. N. Pappademos, Assistant Professor of Physics.....		1 400
8. ———, Assistant Professor of Electrical Engineering..		1 445
9. William DeFotis, Instructor in General Engineering.....		1 089
		(\$13 825)

Commerce

1. W. J. Dunne, Assistant Dean and Instructor in Economics... $\frac{1}{2}$	\$ 689
2. Samuel Fox, Professor of Accountancy.....	1 978
3. W. D. Grampp, Professor of Economics.....	1 867
4. C. H. Gillett, Associate Professor of Economics.....	1 889
5. A. J. Schneider, Associate Professor of Accountancy.....	1 667
6. E. C. Knudson, Assistant Professor of Economics.....	1 312
7. Winifred B. Geldard, Instructor in Economics.....	1 156
8. C. M., Larson, Instructor in Economics.....	1 334
9. A. T. Malinosky, Instructor in Accountancy.....	1 200
10. Oscar Miller, Instructor in Economics.....	1 289
	(\$14 381)

Physical Education

1. Helen Barton, Associate Professor..... $\frac{1}{2}$	\$ 889
2. B. Montcalm, Instructor..... $\frac{1}{2}$	623
3. G. Strnad, Instructor.....	1 112
4. W. G. Versen, Instructor.....	1 289
5. D. Anderson, Assistant..... $\frac{1}{2}$	445
	(\$ 4 358)

Sub-total, Chicago Undergraduate Division.....
Unassigned (to be assigned by the Dean of the Undergraduate
Division when enrollments require additional staff).....

Total, Chicago Undergraduate Division..... \$106 000

SABBATICAL LEAVES OF ABSENCE

(6) The following sabbatical leaves of absence during the academic year 1959-60 are recommended as supplementary to the list of leaves approved by the Board of Trustees on March 12, 1959:

- A. W. BURGER, Associate Professor of Agronomy, first semester, full pay; to study teaching of crops in the Midwest—Nebraska, Iowa, Michigan State, Purdue—in order to collect and prepare materials for teaching and counseling.
 GERTRUDE E. KAISER, Assistant Professor of Home Economics Extension, October 1, 1959-March 31, 1960, full pay; to study adult education development.
 BJORNAR BERGETHON, Professor of Music, second semester, full pay; to study contemporary trends in music and music education in the Scandinavian countries.

On motion of Mr. Hughes, these leaves were granted as recommended.

IMPROVEMENTS AT UNIVERSITY OF ILLINOIS AIRPORT

(7) The Board has authorized an application to the Civil Aeronautics Administration for funds for one-half of the cost, \$160,000, for enlarging the apron and providing roads, walks, parking, and fencing at the University Airport. The development of plans, including installation of some additional utilities under the ramps, indicates that the total costs will be at least \$247,600. The matching funds are to be provided by the State Department of Aeronautics from funds to be appropriated by the Seventy-first General Assembly.

The Director of the Institute of Aviation and the Vice-President and Comptroller recommend that an application for the revised amount be authorized.

I concur.

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

PURCHASE OF LAND FOR RADIO TELESCOPE

(8) The University has purchased approximately two hundred acres of land in Vermilion County, near Danville, Illinois, as the site for the construction of a radio telescope for the Department of Astronomy under a research contract with the Office of Naval Research.

To provide adequate drainage at the immediate site of the telescope it is necessary either to reroute a small stream or to construct a very expensive conduit for the stream. The cost of rerouting will be relatively small but to do this will require traversing an area immediately adjacent to the site of the instrument and it will be necessary to acquire some adjoining land. A narrow strip approximately fifty feet in width and a total area of two acres will suffice for this purpose, and this additional land will also facilitate grading at the corner of the site of the instrument which will reduce construction costs. The owner of the adjoining land, Mr. Benhard Vogt of Georgetown, Illinois, has agreed to sell the two-acre strip needed for \$200. This tract may be described as follows:

The North (N) fifty (50) feet of the East (E) forty (40) acres of the North fraction of the North East Quarter (NE $\frac{1}{4}$) of Section Two (2), Township Eighteen North (T18N), Range Eleven West (R11W) of the Second Principal Meridian (2nd P.M.) being the North (N) fifty (50) feet of the East (E) forty (40) acres of all that part of said North East Quarter (NE $\frac{1}{4}$) North of the Vermilion River, situated in the Township of McKendree, in the County of Vermilion and State of Illinois.

Writing of the specifications for the construction of the radio telescope could not proceed until a decision was made as to the availability of this tract. To avoid delay of the project, a payment of \$200 was made to Mr. Vogt as a 100 per cent option on the land, in return for which he has given the University a warranty deed for the tract required.

The Vice-President and Comptroller recommends that the Board of Trustees authorize the purchase of this land by exercising the option taken, which in effect will constitute payment in full for the land, and the recording of the warranty deed already delivered to the University.

I concur.

On motion of Mr. Swain, the purchase of this land 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.

APPROPRIATION FOR REMODELING AND EQUIPMENT

(9) The Committee on Nonrecurring Appropriations recommends the following assignments of funds for remodeling and equipment from the state capital appropriation for 1957-59 for contingencies. There is an unexpended balance in that appropriation which may be used for the expenditures listed below.

College of Agriculture, remodeling in Mumford Hall for Department of Forestry.....	\$ 8 340
College of Commerce and Business Administration, installation of partitions, new lighting, rewiring, air conditioning in offices in David Kinley Hall.....	7 290

College of Engineering, remodeling of Civil Engineering Hall to provide additional office space.....	15 000
College of Liberal Arts and Sciences, construction of a building for the Department of Astronomy on the radio telescope site.....	11 000
College of Education, equipment for University High School.....	2 950
Library, remodeling in Smith Music Hall for School of Music Library....	11 500
College of Veterinary Medicine, repairing barns.....	7 000
Chicago Professional Colleges	
Installation of emergency call system to nursing stations...\$ 5 830	
Equipment for Department of Radiology.....	16 900
	<u>22 730</u>
<i>Total</i>	<u>\$85 810</u>

I concur.

On motion of Mr. Johnston, these assignments of funds were 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.

SUPPLEMENTAL APPROPRIATIONS

(10) The budgetary provisions for 1958-59 for wages, expense, and equipment in several departments are inadequate. The Vice-President and Provost and the Vice-President and Comptroller recommend that the following supplementary assignments be made from the General Reserve:

Graduate College Administration.....	\$ 6 000
Geology.....	6 500
McKinley Hospital	20 000
Psychology.....	6 000
Public Information	4 500
Sociology and Anthropology.....	3 340
Chemistry and Chemical Engineering.....	20 000
President's Office	7 500
Public Functions	10 500
Board of Trustees.....	8 500
Veterinary Clinical Medicine.....	6 000
Library.....	9 300
Student Counseling Service.....	4 500
<i>Total</i>	<u>\$121 640</u>

I concur.

On motion of Mr. Swain, these assignments of funds were 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.

RELOCATION OF FACILITIES AT CHICAGO UNDERGRADUATE DIVISION

(11) In preparation for St. Lawrence Seaway traffic the city of Chicago will need to provide railroad trackage in the roadway at Navy Pier and railroad siding for storage of freight cars. This will require removal and relocation of a greenhouse and chemical storage vault used by the Chicago Undergraduate Division, and as a consequence of this the relocation of certain utilities and rebuilding of some steps and loading platforms.

The University will be required to pay for some of these changes at an estimated cost not to exceed \$20,000. The University has on deposit in the First National Bank of Chicago \$200,000 in escrow to provide for the restoration of the areas of Navy Pier now occupied by the University when it is vacated. Under the escrow agreement, these funds may be invested by the University. At present, the escrow funds consist of \$235,000 of par value of United States Treasury Bonds and Notes and \$7,248.69 in cash, the securities representing a cost of \$234,992.80. Negotiations are under way with city officials as to the possibility of using up to \$20,000 of the excess over \$200,000 in the escrow funds to pay the cost of the

University's share of the work to be done at Navy Pier, but it may be several months before a decision is reached as to such use of these funds. If the interest earnings of the escrow funds can not be used, a special appropriation will be necessary to cover the cost of the work.

In the meantime, in order that this remodeling program be not delayed, the Director of the Physical Plant and the Vice-President and Comptroller request authorization to proceed with the necessary work with the understanding that the cost will be paid from the escrow funds or from an appropriation from the General Reserve to be made later.

I concur.

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

(12) Bids were taken on February 17, 1959, for the construction of a residence hall to house 307 graduate students to be financed, except for the purchase of movable equipment, by a loan from the Housing and Home Finance Agency which has given preliminary approval to an application for a loan of \$1,395,000. Felmley-Dickerson Company, Urbana, submitted the lowest base bid of \$1,269,500, and alternate bids, as requested, on changes in the construction to provide 213 single and 94 double room accommodations instead of 69 single and 238 double rooms included in the base bid. The bid prices are firm until April 18, 1959.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees authorize official notification of Felmley-Dickerson Company of the Board's intention to award this Company a contract for \$1,349,000 (including the base bid plus the alternates) upon approval of the loan agreement by the Housing and Home Finance Agency; and that the Board authorize Felmley-Dickerson Company to proceed with the construction of the building, provided that total expenditures do not exceed \$100,000 prior to execution of the contract. The additional income from the increased number of single rooms will more than amortize the additional cost over the life of the bonds. Assurances have been received from the Housing and Home Finance Agency that the loan will be approved; it is a matter of completing the necessary details. The contractors are willing to proceed on this basis so that construction will be on schedule and the building will be ready for occupancy in September, 1960.

Funds are available in Housing Division reserves for the construction payments which become due prior to the execution of the contract and can be permanently assigned to the project in the unlikely event the contract can not be executed. The assignment of up to \$100,000 from this source is recommended as an advance to be repaid when financing has been completed.

I recommend approval of this interim financing and that the Comptroller be authorized to notify the contractor to proceed accordingly. The contract will be submitted to the Board for approval when processing of the loan has been completed.

On motion of Mr. Clement, this recommendation was approved, and authority was given 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. Stratton.

CONTRACT FOR REPLACEMENT OF SKYLIGHT IN ENGLISH BUILDING

(13) The Director of the Physical Plant and the Vice-President and Comptroller recommend the award of a contract for \$4,760 to the Limbach Company, Columbus, Ohio, the lowest bidder, for the replacement of the skylight in the English Building on Wright Street.

Funds are available in the Physical Plant Department budget for the current year.

I concur.

On motion of Mr. Pogue, 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. Stratton.

CONTRACT FOR INSTALLATION OF CUBICLES IN LIBRARY OF BIOLOGY BUILDING

(14) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$16,970 to E. F. Hauserman Company, Cleveland, Ohio, the lowest bidder, for installation of cubicles in the library of the new Biology Building.

Funds are available in the state appropriation for the construction of this building.

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. Stratton.

CONTRACT WITH OZARK AIR LINES FOR THE USE OF UNIVERSITY OF ILLINOIS AIRPORT

(15) The Director of the Institute of Aviation and the Vice-President and Comptroller recommend renewal of the lease with Ozark Air Lines, Inc. for use of the University Airport for five years from July 1, 1959, on the following terms:

1. Landing fees of \$360.00 a month for up to fifteen scheduled flights a day, plus \$1.00 per 1,000 pounds per month on aircraft over 28,000 pounds gross weight; proportional fees to be charged for flights in excess of fifteen a day.
2. Rental of office space at \$3.50 per square foot per year (a total of 1,417 square feet is assigned to Ozark, making the annual rental \$4,959.50); basement storage space to be available at \$1.00 per square foot per year; until the new terminal building is occupied, rental of existing space will continue at the present rate of \$75.00 per month.
3. Use of loud speaker system at a rental of \$10.00 a month.
4. Gasoline and oil sales at cost plus a handling charge of four cents a gallon for gas and twenty-five cents a gallon for oil.

I concur.

On motion of Mr. Clement, the renewal of this lease, on the terms recommended, was authorized.

SALE OF SECURITIES

(16) The Finance Committee recommends adoption of the following resolutions authorizing the sale of securities representing investments of University trust funds.

Resolution

WHEREAS, The Board of Trustees of the University of Illinois is the owner of 700 shares of Maryland Casualty Company, 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.

These securities represent a portion of the investment of the George A. Miller Endowment.

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

Resolution

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

- 100 Safeway Stores, Incorporated
- 2 Standard Oil Company of New Jersey
- 1 U. S. Life Insurance Company, 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.

These securities were given to the University by Mrs. Edith B. May of Port Washington, New York, as the initial gift to establish the David T. May Student Loan Fund as a memorial to her late husband, David T. May, of the Class of 1905. She has provided in her will an additional bequest for this fund which may be used either for scholarships and/or loans to students.

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

PURCHASES

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

I concur.

Item	Department	Vendor	Cost
Labline plant growth chamber, 230 volt a.c. current, equipped with sealed chamber, activated carbon filter, programmer and humidistat	Biological Sciences, Chicago Undergraduate Division	Chicago Apparatus Co., Chicago	\$4 125 00 f.o.b. delivered
Three Tektronix No. 515A oscilloscopes	Chemistry and Chemical Engineering	Tektronix, Inc., Elmwood Park	2 713 50 f.o.b. Portland, Ore.
Three No. H510 viewing hoods			
Three No. 500A scope-mobiles			
One lot laboratory glassware and assorted apparatus	General Chemical Stores	Arthur S. LaPine & Co., Chicago	24 537 00 f.o.b. delivered
Five Armour model 210 transistorized power supplies with meters: output 0-10 volts, 0-30 amps.; ripple 1 mv rms. or .01 per cent; recovery time 50 microseconds; regulation 0.1 per cent or 30 mv	Digital Computer Laboratory	Armour Electronics, Los Angeles, Calif.	2 750 00 f.o.b. Los Angeles, Calif.
Four magnetic amplifier-transistor regulated d.c. power supplies, single phase, 60-cycles, 24-32 volts at 30 amps.	Digital Computer Laboratory	Armour Electronics, Los Angeles, Calif.	4 100 00 f.o.b. Los Angeles, Calif.
One microtome, immersion, complete with accessories	Electrical Engineering	William J. Hacker & Co., Inc., New York, N.Y.	3 095 15 f.o.b. New York, N.Y.
X-ray diffraction equipment, including the following plus related equipment: X-ray generator and control 60 KVP, circuit panel, linear amplifier	Geology	Philips Electronics, Inc., Chicago	22 136 00 f.o.b. Mt. Vernon, N.Y.
Two X-ray diffractometer attachments			
Two diffraction tubes			
Vacuum monochromator	Physics	University of Rochester, Institute of Optics, Rochester, N.Y.	3 430 00 f.o.b. delivered
One general purpose cylindrical grinder to accommodate wheels up to and including 1 1/4 in. wide complete with motor and accessories	Theoretical and Applied Mechanics	E. L. Essley Machinery Co., Chicago	10 885 00 f.o.b. Grand Rapids, Mich.
Eight issues (quarterly) of the <i>Law Forum</i> and Cumulative Ten-year Index to the <i>Law Forum</i> to be printed according to specifications during the two-year period July 1, 1959, to June 30, 1961	College of Law	Pantagraph Printing & Stationery Co., Bloomington	21 010 00 f.o.b. delivered

Item	Department	Vendor	Cost
900 copies each of eight issues of the <i>Journal of English and Germanic Philology</i> to be printed during the two-year period, July, 1959, to July, 1961	University Press	George Banta Co., Chicago	\$12 550 88 f.o.b. Menasha, Wis.
Printing and binding 2,000 copies of <i>Mexican Government in Transition</i> , by Robert E. Scott	University Press	Pantagraph Printing & Stationery Co., Bloomington	3 395 00 f.o.b. delivered
Printing and binding 1,500 copies of <i>The Sir Thomas More Circle</i> , by Pearl Hogrefe	University Press	Vail-Ballou Press, Inc., New York, N.Y.	3 163 62 f.o.b. New York, N.Y.
45,000 copies of the 1959-60 <i>Undergraduate Study</i> catalog of the University of Illinois (Urbana-Champaign colleges)	University Press	Pantagraph Printing & Stationery Co., Bloomington	26 195 00 f.o.b. delivered
20,000 copies of the 1959-60 <i>Undergraduate Catalog</i> of the University of Illinois Chicago Undergraduate Division	Office of the Executive Dean, Chicago Undergraduate Division	Drovers Journal Press, Chicago	5 137 50 f.o.b. delivered
Four curved sofas, sixteen lounge chairs, two coffee tables, for the Chicago Illini Union	Chicago Illini Union	Gilbert A. Force Co., Chicago	3 434 30 delivered
Two market forge compartment steamers	Housing Division	M. L. Brill & Co., Chicago	3 227 30 f.o.b. Urbana
64 tubular locks and 364 mortise locks for Men's Residence Halls (Barton, Lundgren, and Clark Houses) to replace the present lock system	Housing Division	Best Universal Lock Co., Inc., Chicago	2 628 72 f.o.b. delivered
One 1959 truck, van-insulated body, V-8 engine, 18,000 lbs. gross vehicle weight, maximum brake horse power 193.1	Housing Division	International Harvester Co., Springfield	3 813 58 f.o.b. delivered
White 50 per cent rag bond watermarked paper 22 x 34 as follows: 400 reams 40 lb. 100 reams 32 lb. 100 reams 26 lb.	Office Supply Stores	Graham Paper Co., St. Louis, Mo.	11 608 98 f.o.b. delivered
White 25 per cent rag bond watermarked paper 22 x 34 as follows: 300 reams 40 lb. 125 reams 32 lb. 75 reams 26 lb.			
White enamel book paper as follows: 200 reams 25 x 28 1/2 — 53 lb. 100 reams 22 1/2 x 35 — 58 lb. 100 reams 28 x 42 — 87 lb. 500 reams 25 x 38 — 70 lb.	Office Supply Stores	West Virginia Pulp & Paper Co., Chicago	10 290 98 f.o.b. delivered
102 steel office desks and 206 steel filing cabinets for the Office Supply Store—room stock, to be delivered in two shipments—June 1, 1959, and August 1, 1959	Office Supply Stores	Jack Sheean, Bloomington	20 781 20 f.o.b. Urbana
One hundred steel bookshelf units, 36 in. wide x 9 1/2 in. deep x 84 in. high for stock	Office Supply Stores	Jack Sheean, Bloomington	3 300 00 f.o.b. delivered
One two-unit nested "T" hangar to be erected on foundation provided by the University	Institute of Aviation	Dresser-Ideco Co., Columbus, Ohio	9 322 00 f.o.b. delivered and erected
Miscellaneous steel parts—angles, rolled steel sheets, rods—for stock to be used in building and equipment maintenance work	Physical Plant	Central Steel & Wire Co., Chicago	5 206 51 f.o.b. delivered
240 squares 300 lb. shingles 120 rolls rag felt 40 rolls 12 in. starter 8 rolls 24 in. valley roll	Physical Plant	Bash Roofing Co., Champaign	3 026 72 f.o.b. delivered
Approximately 4,800 tons of No. 8 crushed stone road binder as required for the two-year period July 1, 1959, through June 30, 1961	Physical Plant	Robert C. Stout, Urbana	13 680 00 f.o.b. delivered
Approximately 2,500 bags (62 1/2 barrels) of Red Diamond or LeHigh brick mortar as required for the two-year period of July 1, 1959, through June 30, 1961	Physical Plant Storeroom	Champaign Builders Supply Co., Champaign	2 943 75 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Builders' risk insurance under a completed value form on an estimated \$1,250,000 insurable cost of construction for the Graduate Student Residence Hall; insurance to be carried for estimated fourteen months during the course of construction; coverage for two years with a pro-rata cancellation privilege; total two-year premiums are estimated at \$2,098.76 of which \$1,049.38 will be payable the first year	Physical Plant	Dickler Insurance Agency, representing the Freeport Insurance Co.— \$937,500 Taft & Schmah, Decatur, representing the Employers Mutual Casualty Co.— \$312,500	\$1 567 50 531 26

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

COMPTROLLER'S REPORT OF CONTRACTS

(18) The Comptroller's report of contracts executed during the period March 1 to 31, 1959.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
American Potash Institute, Inc.	Biochemical function of potassium by crop plants	\$ 7 500 00	January 1, 1959
Association of American Railroads	Performance of filter materials in subdrains	3 000 00	March 19, 1959
General Electric Co.	Effect of residual stress on fatigue life and the fading of residual stress at elevated temperatures	12 500 00	January 30, 1959
Mark L. Morris Animal Foundation	Lead poisoning in the dog	2 875 00	February 6, 1959
Ottawa Public Schools	Analysis of community growth by areas	2 500 00	March 13, 1959
Chas. F. Pfizer & Co., Inc.	Organic synthesis	7 327 00	March 9, 1959
Portland Cement Association	Lightweight reinforced concrete rigid frames for farm structures	2 500 00	February 5, 1959
State of Illinois Department of Public Welfare	Relation of neural metabolism to function	17 582 00	March 2, 1959
United States Air Force AF 49(638)-579	Electronic properties of silver and alkali halides	93 825 00	February 1, 1959
United States Department of Health, Education, and Welfare, Office of Education	Surveys and demonstrations in the field of education	24 593 00	March 9, 1959
United States Navy Nonr-1834(27)	Numerical analysis switching circuit theory	51 125 00	December 1, 1958
United States Navy Nonr-1834(28)	Organic acid metabolism	47 500 00	December 1, 1958
United States Navy Nonr-1834(29)	Techniques and instrumentation for measuring acoustic attenuation	12 874 00	February 1, 1959
United States Navy Nonr-1834(30)	Mechanism of halophilism in bacteria	38 955 00	February 1, 1959
United States Navy Nonr-1834(31)	Spectral reflectance characteristics of forest vegetation	27 513 00	February 1, 1959

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
International Harvester Co.	One No. 37 10 ft. 9 in. disk harrow	\$ 62 24 annually	March 16, 1959
Massey-Ferguson, Inc.	One FEO-20 Ferguson mower, 6 ft. cutter bar	41 45 annually	March 25, 1959

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	\$25 000 00	November 14, 1958
Dawe's Laboratories, Inc.	Rations for broiler production	1 800 00	March 14, 1959
Moorman Manufacturing Co.	Poultry nutrition	2 600 00	March 14, 1959

<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 18(603)-62	High energy bunched electron beams	\$ 20 000 00	January 19, 1959
United States Air Force AF 19(604)-2152	Gaseous electronics	112 992 00	November 30, 1958
United States Air Force AF 33(616)-3943	Evaluation of high temperature insulation for wires	16 946 07	January 6, 1959
United States Army DA-11-022-ORD-2691	Dislocations and point defects	42 719 00	March 12, 1959
United States Army DA-49-007-MD-794	Carcinogenicity of foods preserved by radiation	16 998 00	March 9, 1959
United States Navy Nobsr-64723(1718)	Confidential	42 251 00	March 5, 1959
United States Navy Nonr-1459(02)	Thermal injury of the skin	16 609 00	January 15, 1959
United States Navy Nonr-1834(08)	Broad-band amplification in microwave frequency range	2 007 00	February 17, 1959
Wyandotte Chemicals Corp., Air Force Subcontract, AF 33(616)-5053	Synthesis of liquids	15 000 00	February 13, 1959
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
United States Army DA-11-070-508-ORD-593, University of Illinois, Prime Contractor, University of Iowa, Subcontractor	Proportioning materials to parts in a structural assembly for maximum effective stiffness	\$10 060 00	March 13, 1959
United States Army DA-16-039-SC 75055, University of Illinois, Prime Contractor, Kentucky Research Foundation, Subcontractor	Measurement of intensity of surface precipitation by radar returns	3 105 00	March 3, 1959

Adjustments Made in 1958-59 Cost-Plus Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Forty items: \$236.96 deduct to \$440.00	\$ 3 113 41	January, February, and March, 1959

This report was received for record.

ANNUAL REPORT OF THE TREASURER

(19) 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, 1958, to February 28, 1959, 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.

EMPLOYMENT OF ARCHITECTS AND ENGINEERS

Mr. Pogue reported that the Committee on Buildings and Grounds has considered the following recommendations from the President and other University officials for the employment of architects and engineers on University construction.

Addition to Biology Building

The firm of Richardson, Severns, Scheeler, and Associates, Champaign, on the building studies and design, and Shaw, Metz, and Dolio, Chicago, for the completion of plans and specifications. Mr. Ambrose Richardson has been employed for some time as consulting architect on campus planning for the University, and recently has been working in great detail on plans for the College of Liberal Arts and Sciences. This background will be helpful in the total planning on the addi-

tion to the Biology Building. Shaw, Metz, and Dolio are architects for the new Physics Building and have satisfactorily completed this assignment.

The contractual relationships with these two firms has been discussed with the principals and the arrangements are acceptable to them. Their combined fee will not exceed the standard 6 per cent normally paid for architectural services.

Nuclear Reactor Laboratory

The firm of Richardson, Severns, Scheeler, and Associates, Champaign, to prepare preliminary studies and the firm of Clark, Daily, and Dietz, Urbana, for the engineering work. The Physical Plant Department will supervise the construction.

The construction of this building will be financed by a grant of \$150,000 from the Atomic Energy Commission, plus an appropriation of \$95,000 made by the Board of Trustees in May, 1958. Richardson, Severns, Scheeler, and Associates will be paid on the basis of cost plus 75 per cent for overhead and commission; Clark, Daily, and Dietz will be paid on the basis of cost plus 100 per cent for overhead and commission, and will be reimbursed for other expenses incidental to the work.

Widening and Repaving Green Street

The city of Urbana has proposed that the widening and repaving of Green Street from Wright Street to Vine Street in Urbana be undertaken as a public improvement project and has asked the University to contribute its share of the cost for the improvement. The project is presently proposed for construction during the summer of 1959.

The Committee on Buildings and Grounds has approved in principle the University's participation on the improvement of this street from Wright Street to Lincoln Avenue, and recommends formal approval by the Board.

The City has also requested the University to assume the responsibility for the preparation of plans and specifications for that portion of the improvement from Wright Street to Lincoln Avenue.

The Committee on Buildings and Grounds concurs in the recommendation that Clark, Daily, and Dietz, Urbana, be employed for this project on the basis of the standard minimum fees of the Illinois Society of Professional Engineers and the Illinois Association of Consulting Engineers. It is estimated that the total cost of these engineering services will be approximately \$22,000.

Correction of Electrical Overloading in the First Unit of the Dentistry-Medicine-Pharmacy Building

Pioneer Service and Engineering Company, Chicago, for the engineering design of the transformer vault and distribution system to provide adequate electrical power supply to this building and to eliminate the heavily overloaded condition now existing. This will replace equipment which is thirty years old and obsolete. The Pioneer Service and Engineering Company will be paid on the basis of salaries and wages of employees engaged directly in the work plus 75 per cent of salaries and reimbursement of expenses incurred by them on behalf of the project. It is estimated that the cost of this service will not exceed \$30,000. Funds are available in the budget of the Physical Plant Department for Architectural Studies for Future Buildings.

On motion of Mr. Pogue, the foregoing recommendations were all approved.

CONSTRUCTION OF ASSEMBLY HALL

Mr. Pogue reported that the Committee on Buildings and Grounds on April 13, 1959, reviewed the model and a list of proposed omissions and revisions in the building construction contract for the Assembly Hall. These changes will reduce the lowest bid received on March 4, 1959, from \$7,859,788 to \$6,459,788.

The proposed changes do not impair the design, reduce the seating capacity, or eliminate any of the functions for which the building was designed. No changes are proposed in the theater facilities.

This reduction in the construction contract, together with other reductions, will result in a project cost of \$7,750,000.

The Committee recommends that, subject to the availability of funds, the University proceed on this project, confirming the prices for omissions and revisions with the Felmley-Dickerson Company.

On motion of Mr. Johnston, 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.

CHICAGO UNDERGRADUATE DIVISION SITE SELECTION

Mr. Johnston, for the Committee on General Policy, presented the following statement and motion:

The Board of Trustees, at its meeting on March 12, 1959, agreed that "the date for reconsideration of the action of the Board of Trustees in designating Riverside Golf Club as the site for the development of the Chicago Undergraduate Division be extended to April 15, 1959," in accordance with the request of Mayor Richard J. Daley.

In a letter to President Henry dated April 7, 1959, Mayor Daley has stated, "Whereas I am extremely reluctant to cause even the slightest further delay, the circumstances relating to the scheduled meeting of railroad officials and the Railroad Terminal Authority on April 22, 1959, would appear to make it desirable for us to postpone our meeting until immediately after that date, at which time we would be in a position to present the preliminary conclusions of the railroads. In addition, studies of the Department of City Planning relating to matters discussed at our last meeting will be ready for presentation at that time."

The report from the engineers was presented to representatives of the railroads and Mayor Daley on March 25, 1959. In view of the agreement reached on that date between the railroads and Mayor Daley to meet again on April 22, I move that the date for reconsideration of site selection for the Chicago Undergraduate Division be extended to a mutually convenient date as soon after April 22 as possible. In the meantime, the University staff will analyze and report upon the material in Mayor Daley's letter related to the time schedule.

This motion was seconded by Mr. Harewood and was unanimously adopted.

APPOINTMENT TO BOARD OF TRUSTEES OF THE UNIVERSITY RETIREMENT SYSTEM OF ILLINOIS

The Secretary presented the following report:

The Board of Trustees of the University Retirement System of Illinois consists of six members: three members of the Board of Trustees of the University of Illinois, chosen by that Board; one member of the Board of Trustees of Southern Illinois University, chosen by that Board; one member of the Teachers' College Board; and the Director of Registration and Education, *ex officio*. Unless otherwise specified, the appointments of University of Illinois representatives have been for the duration of their terms of office as Trustees of the University.

Subject to confirmation by the Board of Trustees, the President of the Board has designated Mr. Earl M. Hughes to serve on the Board of Trustees of the University Retirement System of Illinois replacing Mr. Cushman B. Bissell. The other members are Mr. Wirt Herrick and Mr. Kenney E. Williamson.

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

- ALI, MIR AZAM, Research Assistant in Physics (C), one year from June 16, 1959, \$4400 (3-31-59).
- ALLHANDS, JESSIE V., Instructor in Mathematics, to render service during the second semester of the academic year, March 1-August 31, 1959, \$5200 a year (3-3-59).
- AUTH, LEO V., JR., Instructor in Electrical Engineering (C), $\frac{3}{4}$ time, to render service during the second semester of the academic year, March 1-August 31, 1959, \$4350 a year; this is in addition to his appointment as Collins Radio Company Fellow in Electrical Engineering, supersedes (3-3-59).
- BATEMAN, FELICE D., Assistant Professor of Mathematics, $\frac{1}{2}$ time, to render service during the second semester of the academic year, March 1-August 31, 1959, \$233.33 a month (3-3-59).
- BARATZ, ROBERT A., Research Associate in Radiology (Medicine), six months from March 1, 1959, \$6240 a year, supersedes (3-3-59).
- BERGER, SAMUEL, Clinical Assistant in Medicine (Medicine), seven months from February 1, 1959, without salary (3-17-59).
- BERNAUER, EDMUND M., Instructor in Physical Education for Men (Sports Fitness School), $\frac{1}{2}$ time, June 15-August 8, 1959, \$489; this is in addition to his regular appointment (3-12-59).
- BLOMQUIST, CONRAD A., Assistant Professor of Zoology, Department of Pharmacognosy and of Pharmacology (Pharmacy), to render service during the second semester of the academic year, February 1-August 31, 1959, annual salary of \$7300; in addition to \$120 a month, February 1-June 30, 1959, to compensate for duties in the Dean's Office which were temporarily assigned to him, supersedes (3-3-59).
- BRANDENBURG, WARNER O., Administrative Officer in Air Force Science, $1/10$ time, seven months from February 1, 1959, \$600 a year (3-5-59).
- CELLI, VITTORIO, Research Associate in Mining and Metallurgical Engineering and in Physics (C), one year from September 1, 1959, \$6500 (3-31-59).
- DAVISSON, MELVIN T., Instructor in Civil Engineering (C and S), February 1-June 15, 1959, \$522.22 a month, supersedes (3-11-59).
- FUJIWARA, MIYUKI, Research Assistant in the State Water Survey, March 16-June 30, 1959, \$400 a month (3-16-59).
- GABALLAH, SAEED S., Research Associate in Biological Chemistry (Medicine), March 15-August 31, 1959, \$583.33 a month (3-19-59).
- HAUCK, MATHEW, Research Associate in the Bureau of Economic and Business Research, six months from March 1, 1959, \$6500 a year, supersedes (3-11-59).
- JONES, C. CLYDE, Associate Professor of Economics on indefinite tenure, and Assistant Dean of the College of Commerce and Business Administration, three months from June 1, 1959, \$972.59 a month, supersedes (2-20-59).
- KAPLAN, ERVIN, Clinical Assistant Professor of Medicine (Medicine), six months from March 1, 1959, without salary (3-16-59).
- KENNIEBREW, ALONZO H., Research Assistant in the Institution for Tuberculosis Research (Chicago Professional Colleges), February 23-August 31, 1959, \$4800 a year (3-19-59).
- KHAN, ABDUR RAUF, Assistant in Anesthesiology, Department of Surgery (Medicine), six months from January 1, 1959, without salary (3-17-59).
- KRIZAN, THOMAS F., Instructor in Physical Education for Men (Sports Fitness School), $\frac{1}{2}$ time, June 15-August 8, 1959, \$628; this is in addition to his present appointment (3-20-59).
- LARSON, MARILYN, Assistant in Veterinary Pathology and Hygiene (College of Veterinary Medicine) and in Veterinary Research (Agricultural Experiment Station), six months from March 1, 1959, \$4400 a year (3-12-59).
- LEVY, LUCRETIA, Instructor in Mathematics, $\frac{1}{2}$ time, to render service during the second semester of the academic year, March 1-August 31, 1959, \$2800 a year (3-3-59).
- LINDBERG, RICHARD C., Instructor in Theoretical and Applied Mechanics (Chicago Undergraduate Division), $\frac{2}{3}$ time, to render service during the second semester of the academic year, March 1-August 31, 1959, \$5067 a year (3-3-59).

- MATTOS, JESUS I., Assistant in Anesthesiology, Department of Surgery (Medicine), five months from February 1, 1959, without salary (3-17-59).
- MELVIN, MRS. GEORGIA-LEE, Research Associate in Psychology, $\frac{4}{5}$ time, to render service during the second semester of the academic year, March 21-August 31, 1959, \$3600 a year, supersedes (3-6-59).
- MILLER, ALLEN H., Research Associate in Physics (C), one year from September 1, 1959, \$6500 (3-30-59).
- MULVANEY, JAMES E., Research Associate in Chemistry, one year from March 1, 1959, \$5400 (3-10-59).
- MURRELL, THOMAS A., Associate Professor of Electrical Engineering in the Digital Computer Laboratory, two months from June 16, 1959, \$877.77 a month; this is in addition to his present appointment (3-30-59).
- OLSON, ROY E., Instructor in Civil Engineering (C and S), to render service during the second semester of the academic year, March 1-August 31, 1959, \$5000 a year, supersedes (3-11-59).
- PANOS, CHARLES, Assistant Professor of Biological Chemistry (Medicine), five months from April 1, 1959, \$600 a month, supersedes (3-3-59).
- PETERSEN, WALTER R., Clinical Instructor in Orthopaedic Surgery (Medicine), six months from March 1, 1959, without salary (3-16-59).
- PHELPS, NEDRA A., Instructor in Occupational Therapy (Medicine), two months from July 1, 1959, \$479.16 a month (4-2-59).
- REINER, IRMA M., Assistant Professor of Mathematics, $\frac{1}{2}$ time, to render service during the second semester of the academic year, March 1-August 31, 1959, \$2900 a year (3-3-59).
- RIEMANN, HANS P. S., Research Assistant in Food Technology (S), five months from April 1, 1959, \$541.67 a month, supersedes (3-12-59).
- ROBERTSON, JAMES E., Research Associate Professor of Electrical Engineering in the Digital Computer Laboratory, two months from July 1, 1959, \$1311.11 a month; this is in addition to his present appointment (3-30-59).
- ROBY, FREDERICK B., Instructor in Physical Education for Men (Sports Fitness School), 65/100 time, June 15-August 8, 1959, \$723; this is in addition to his regular appointment (3-12-59).
- SCHERR, GEORGE H., Associate Professor of Microbiology (Medicine), indefinite tenure, seven months from February 1, 1959, \$9550 a year, supersedes (3-3-59).
- SMITH, ROBERT S., Research Associate in Electrical Engineering (S), six months from March 1, 1959, \$6500 a year, supersedes (3-19-59).
- SOPHIANOPOULOS, JUDITH, Research Associate in Chemistry, February 23-August 15, 1959, \$5400 a year (3-10-59).
- STEBLAY, RAYMOND W., Clinical Instructor in Preventive Medicine (Medicine), January 6-August 31, 1959, without salary (3-10-59).
- STEGMAIER, OTTO C., Research Associate in Dermatology (Medicine), six months from March 1, 1959, without salary (3-5-59).
- TANG, TAO-NAN, Instructor in Electrical Engineering (C), $\frac{3}{4}$ time, to render service during the second semester of the academic year, March 1-August 31, 1959, \$3300 a year, supersedes (3-9-59).
- TREVINO, LUIS, Instructor in Pediatrics (Medicine), six months from March 1, 1959, \$5370 a year (3-6-59).
- UCHIYAMA, MITSURU, Research Assistant in Food Technology (S), one year from September 1, 1959, \$5000 (3-19-59).
- VANDI, ANTONIO F., Research Assistant in Chemistry, one year from March 16, 1959, \$5100 (3-30-59).
- VOLLMAN, RUDOLPH, Research Associate in Anatomy (Medicine), four months from April 1, 1959, \$500 a month (3-16-59).
- WATRACH, ADOLF M., Assistant Professor of Veterinary Pathology and Hygiene (College of Veterinary Medicine), six months from March 1, 1959, \$8800 a year, supersedes (3-10-59).
- WEST, DAVID W., Research Associate in Chemistry, one year from September 1, 1959, \$5370 (3-3-59).
- WILDER, HOWARD L., Assistant Professor of Ophthalmology (Medicine), $\frac{3}{4}$ time, five months from April 1, 1959, \$591.66 a month, supersedes (3-31-59).
- WOJCIECH, ROMAN, Research Associate in Clinical Science (Medicine), 9/10 time, seven months from February 1, 1959, \$5040 a year (3-31-59).

GRADUATE FELLOWS

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

- ADRIAN, ROBERT J., Ford Postdoctoral Fellow in the Institute for Research on Exceptional Children, one year from September 1, 1959, \$5000 (3-30-59).
AUTH, LEO V., JR., Collins Radio Company Fellow in Electrical Engineering, February 1-June 15, 1959, \$750; this is in addition to his appointment as Instructor in Electrical Engineering on $\frac{3}{4}$ time (2-13-59).
DOIG, ANDREW, United States Public Health Service Postdoctoral Fellow (Foreign) (Chicago Professional Colleges), six months from March 1, 1959, \$443 a month, supersedes (3-5-59).
GOULD, PHILLIP L., Fellow in Civil Engineering, February 1-June 15, 1960, \$750 (3-30-59).
RILEY, WILLIAM H., Charles Pfizer Fellow in Biochemistry, February 1-June 15, 1959, \$900 (2-16-59).
SCAPINO, ROBERT P., United States Public Health Service Post-Sophomore Dental Student Research Fellow (Trainee) (Chicago Professional Colleges), one year from July 1, 1959, \$3200 (3-2-59).
SCHOLTENS, ROBERT G., United States Public Health Service Postdoctoral Fellow (Trainee) in Veterinary Medical Science, June 15, 1959-August 31, 1960, \$5200 a year (3-30-59).
YOUNGMAN, WILLIAM R., Fellow in Art, three months from June 16, 1959, \$900 (3-13-59).

RESIGNATIONS

- BOERIO, CHARLES, Assistant in Physical Education for Men — resignation effective February 28, 1959.
CEDERSTRAND, MRS. JOAN M., Research Assistant in Civil Engineering — resignation effective April 16, 1959.
CHASE, SAMUEL B., Fellow in Economics — resignation effective June 16, 1959.
DEWEY, RICHARD S., Professor of Sociology — resignation effective September 1, 1959.
FREEDMAN, PHILIP, Research Assistant in Medicine — resignation effective April 29, 1959.
FULK, BYRON E., Extension Specialist in the Division of University Extension — resignation effective March 1, 1959.
GORDINIER, BILLY M., Adjutant in the Air Force R.O.T.C. — resignation effective February 1, 1959.
LEVENTHAL, DAVID E., Research Assistant in the Radiocarbon Laboratory — resignation effective April 1, 1959.
MONTGOMERY, MRS. JOANN E., Instructor in Nursing — resignation effective March 20, 1959.
POOR, CHARLES R., United States Public Health, Education, and Welfare Fellow (Trainee) in Education — resignation effective April 1, 1959.
SPIEGLER, JOHN H., Physician in the Health Service (Chicago Professional Colleges) — resignation effective April 1, 1959.
SUNKO, DIONIS E., Research Associate in the Radiocarbon Laboratory — resignation effective April 16, 1959.

LEAVES OF ABSENCE

- DODDS, B. L., Professor of Education and Dean of the College of Education — leave of absence, with full pay, on account of illness, from March 1, 1959, and continuing until June 15, 1959.
GAGE, NATHANIEL L., Professor of Education, in the Bureau of Educational Research — leave of absence, without pay, July 22 through July 31, 1959, so that he may teach in the first summer school session of New York University.
HENRY, JOHN A., Professor of Mechanical Engineering (College of Engineering), and Counselor in the Student Counseling Service — leave of absence, without pay, from September 1, 1959, through February 29, 1960, so that he may accept an assignment with the Bell Telephone Laboratories.
KAISER, HENRY F., Assistant Professor of Education, in the Bureau of Educational Research — leave of absence, without pay, August 1 through August 21, 1959, so that he may attend a National Science Foundation sponsored summer institute for statistics teachers.

MAY AND JUNE MEETINGS

President Williamson reminded the Board that at a previous meeting it had voted to hold the May meeting at Urbana, Illinois, on Saturday, May 16, 1959, and asked if it desired to set a date for the June meeting.

On motion of Mr. Swain, the Board voted to hold the June meeting in Chicago, Illinois, on Tuesday, June 23, 1959, at an hour and place to be determined by the President and Secretary of the Board.

**ADDRESSES BY PROFESSORS ROBERT E. JOHNSON
AND MARTIN WAGNER**

President Henry introduced Professor Robert E. Johnson, Head of the Department of Physiology in the College of Liberal Arts and Sciences and Director of the University Honors Programs, who presented a brief report on this program and the work of the University Honors Council.

Following this presentation, President Henry introduced Professor Martin Wagner, Director of the Institute of Labor and Industrial Relations, who made a brief report on the Institute's program.

EXECUTIVE SESSION

At this point, on motion of Mr. Johnston, an executive session was ordered for consideration of the following item of business.

RECOMMENDATION OF THE UNIVERSITY PATENT COMMITTEE

(20) The University Patent Committee submits, with the concurrence of the Chairman of the University Research Board, the following recommendation relating to an invention by a member of the staff.

Device for orthisographic (integrated-orthographic-isometric) direct projection—Wayne L. Shick, Associate Professor of General Engineering, Inventor. This is an engineering drawing device which greatly increases the accuracy and speed of drawing four views, because of direct projection, omitting all transfer of measurements by indirect means necessary when using conventional methods.

The University of Illinois Foundation has reported to the University Patent Committee that this invention has a good possibility of commercial value. Accordingly, the Patent Committee recommends the release of the rights of the University in this invention to the Foundation for development and application for a patent if desirable.

I concur in this recommendation.

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

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 16, 1959



The May meeting of the Board of Trustees of the University of Illinois was held in the Illini Union Building, Urbana, Illinois, on Saturday, May 16, 1959, beginning at 10:30 a.m., central daylight saving time.

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 Gordon N. Ray, Dr. H. E. Longenecker, 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 Department, Professor Norman A. Parker, Chairman of the Building Program Committee, Mr. Ralph F. Lese-mann, Legal Counsel, Mr. C. E. Flynn, Director of Public Information, Mr. Joseph S. Begando, Assistant to the President, Mr. William H. Rice and Mr. George H. Bargh, Administrative Assistants in the President's Office, Professor George C. McVittie, Head of the Department of Astronomy; 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, 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 RUDD ARNOLD	Hinsdale	New York
VICTOR HAROLD CONRAD	Chicago	District of Columbia
ROBERT CHARLES FIETSAM	Belleville	Missouri
WILLIAM JOSEPH HOULIHAN	Glen Ellyn	District of Columbia
HAROLD LEE PFRANG	Villa Park	Indiana
DONALD BERTRAM PODELL	Chicago	District of Columbia
ERNEST JOSEPH RUA, JR.	Elmhurst	Ohio
RONALD IRA RUBY	Fair Lawn, New Jersey	New Jersey
RUSSELL VINCENT WISE	Evanston	District of Columbia

I concur.

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

APPOINTMENT OF AUDITORS

(2) The firm of Ernst and Ernst, Certified Public Accountants, was retained by the Board of Trustees for the audit of the University's 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 services of Ernst and Ernst have been very satisfactory. The firm proposes to complete the audit for the year ending June 30, 1959, at the prevailing hourly rates 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 will not exceed the following amounts which are the same maximums used for the audit of the fiscal year which ended June 30, 1958.

University of Illinois (all divisions).....	\$18 700
University of Illinois Foundation (including its retirement system).....	1 200
University of Illinois Athletic Association (including its retirement system).....	1 000
Alumni Association (including its retirement system).....	500
University Retirement System of Illinois.....	2 000

Under the 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 reports 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 Ernst and Ernst is acceptable to Mr. Whitney.

Authorization of the Board for the employment of Ernst and Ernst for the audit of University accounts for the fiscal year ending June 30, 1959, is requested.

On motion of Mr. Swain, authorization was given as requested.

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. RALPH C. BARNHART, Professor of Law, second semester, 1959-60, at a salary of \$8,000 (G).
2. GEORGE B. FRASER, Professor of Law, first semester, 1959-60, at a salary of \$7,000 (G).
3. KARL E. GARDNER, Professor of Nutrition in the Department of Dairy Science, on indefinite tenure, and Associate Dean of the College of Agriculture, beginning August 1, 1959, continuing through August 31, 1961, at an annual salary of \$14,000 on "Y" basis.
4. R. L. LANGENHEIM, JR., Assistant Professor of Geology, beginning September 1, 1959, at an annual salary of \$7,000 (B).
5. LUIS LEAL, Associate Professor of Spanish, beginning September 1, 1959, at an annual salary of \$8,000 (A).
6. PANCHANAN MAHESHWARI, Visiting Professor of Botany, for three months from May 1, 1959, at a salary of \$2,500 (G).
7. THEODORE MANOLAKES, Assistant Professor of Education, beginning September 1, 1959, at an annual salary of \$7,000 (D).
8. MURRAY B. MCPHERSON, Professor of Hydraulic Engineering, in the Department of Civil Engineering, beginning September 1, 1959, at an annual salary of \$10,000 (A).
9. GEORGE E. MILLER, Director of Research in Medical Education, and Associate Professor of Medicine, in the College of Medicine, beginning September 1, 1959, at an annual salary of \$18,000 (BY, AY).
10. DAVID L. NANNY, Professor of Zoology, for three months from April 1, 1959, at a salary of \$4,000 (G).
11. DAVID PINES, Professor of Physics and of Electrical Engineering, for the period April 10-May 9, 1959 (G); and beginning September 1, 1959, on indefinite tenure, at an annual salary of \$13,500 (A).
12. PIERRE SAMUEL, Visiting Professor of Mathematics, beginning September 1, 1959, at an annual salary of \$14,500 (D).
13. HELEN C. SHARP, Medical Adviser, Assistant Professor of Hygiene, and Special Duty Physician, in the Health Service, Urbana, beginning June 1, 1959, at an annual salary of \$11,067 (BY, DY).

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

APPOINTMENTS TO CENTER FOR ADVANCED STUDY

(4) The Dean of the Graduate College recommends the following initial appointments to membership in the Center for Advanced Study in the Graduate College for a period of five years from September 1, 1959.

JOHN BARDEEN, Professor of Electrical Engineering and of Physics

JOSEPH L. DOOB, Professor of Mathematics

REYNOLD C. FUSON, Professor of Organic Chemistry (four years from September 1, 1959)

JULIAN H. STEWARD, Research Professor of Anthropology

The Board of Trustees authorized the establishment of the Center for Advanced Study on February 19, 1959.

I concur.

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

AWARDS OF HONORARY DEGREES

(5) The Urbana Senate has recommended the awards of honorary degrees as follows to be conferred at the Commencement Exercises in June, 1959, or at any other appropriate University convocation:

DR. THOMAS WHITFIELD BALDWIN, Doctor of Literature (Litt.D.)

DR. ERNEST HENRY VOLWILER, Doctor of Science (D.Sc.)

DR. WENDELL MEREDITH STANLEY, Doctor of Science (D.Sc.)

DR. JOHN IRA PARCEL, Doctor of Engineering (D.Eng.)

DR. ARTHUR SHERWOOD FLEMMING, Doctor of Laws (LL.D.)

I recommend approval. Dr. Volwiler's degree will be conferred on June 12 at the Commencement Exercises for the Chicago Professional Colleges at which he will give the address. The other degrees will be conferred at the Commence-

ment Exercises at Urbana on June 13, at which Dr. Flemming will be the speaker.

On motion of Mr. Swain, these degrees were authorized.

GRADUATE PROGRAM IN LAW

(6) The Urbana Senate recommends authorization of a new program in the Graduate College leading to the degree of Master of Comparative Law (M.C.L.) designed especially for the graduate students whose first degree in law was earned in a country whose legal system is based upon the civil law. The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved in this question.

Admission Requirements

The applicant must have received the first professional degree in law or its equivalent under the system of law in which he is trained.

The applicant must present evidence of ability to do satisfactory work at the graduate level.

The applicant must present evidence of sufficient facility in the written and spoken use of the English language to benefit from study at Illinois.

Degree Requirements

One academic year in residence at the College of Law.

Satisfactory completion of a course program approved by the Graduate Committee of the College of Law, consisting of eight units of work including at least two units of research.

A satisfactory thesis.

I concur.

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

NEW DEPARTMENTS IN COLLEGE OF LIBERAL ARTS AND SCIENCES

(7) The faculty of the College of Liberal Arts and Sciences and the Urbana Senate recommend establishment of two new departments in the College:

Department of Anthropology

At present the educational research program in anthropology is administered by the Department of Sociology and Anthropology. A separation of anthropology is recommended to give this discipline the status it enjoys at virtually every other major university. Recently a doctoral program in anthropology has been approved, and expansion of the present staff of four full-time faculty members has been authorized. A separate department will facilitate the recruitment of anthropologists of high quality for the faculty and will stimulate the interest of prospective graduate students for study in this field.

Department of Russian

When instruction in Russian was first offered, its administration was assigned to the Department of French as a matter of expediency. Enrollment in Russian courses has increased greatly in recent years, and there are four full-time faculty members in this field with two new positions provided for in the biennial budget for 1959-61. Establishment of a separate department in Russian will encourage development of graduate study and development of a research area program.

The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved in this question.

I concur in the above recommendation.

On motion of Mrs. Watkins, this recommendation was approved.

DESIGNATION OF UNDERGRADUATE DEGREE IN JOURNALISM AND COMMUNICATIONS

(8) The Urbana Senate recommends that the wording of the undergraduate degree offered by the College of Journalism and Communications be changed from Bachelor of Science in Journalism to Bachelor of Science in Communications. Since the College offers curricula in advertising and radio-television, as well as in journalism, the present designation of the degree is not appropriate.

The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved in this question.

I concur in this recommendation.

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

CHANGES IN THE COLLEGE OF NURSING CURRICULUM

(9) The Urbana Senate recommends adoption of the following changes in the course requirements of the baccalaureate degree in nursing:

1. Substitute Sociology 131, Social Problems, for Sociology 220, Marriage and the Family.
2. Substitute Psychology 326, Motivation and Emotion (5 hours), for Psychology 338, Abnormal Psychology (5 hours).
3. Reduce the number of hours in Nursing 211 and 208, Introduction to Medical Surgical Nursing, by one quarter hour each; and add two quarter hours in pharmacology.

The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved in this question.

I concur.

On motion of Mrs. Watkins, this recommendation was approved.

APPROPRIATION BY ATHLETIC ASSOCIATION

(10) The Executive Committee of the Board of Directors of the Athletic Association has approved an assignment of \$3,000 from its unassigned surplus funds to purchase a used heavy duty trench hog, needed for laying replacement pipe on the golf course fairways. Confirmation of this is requested.

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

APPROPRIATION TO THE DEPARTMENT OF ASTRONOMY

(11) The Department of Astronomy has requested that the appropriation of \$11,000 made to it for the construction of a building on the radio telescope site be assigned to the construction of a road and power lines to the site. It was anticipated that funds would be made available by the Office of Naval Research for the construction of one-half mile of road from a county road to the site of the radio telescope and for the construction of some power lines. It has now developed that federal funds for these purposes will not be available. The building is still needed, but its construction will have to be deferred because the road and power lines have first priority and funds are not available at this time for both.

I concur.

On motion of Mr. Clement, this reassignment of funds 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.

FINANCING OF ASSEMBLY HALL

(12) At its meeting on April 14, the Board of Trustees authorized negotiation of a contract for the construction of the Assembly Hall, subject to financing of the same. A part of the financing problem was arranging a loan which would carry approximately a 2½ per cent interest rate during the period of construction, so that the total project cost would not exceed \$7,750,000.

The firm of White, Weld and Company, Chicago, one of the most active firms in University financing, has developed a negotiated financing plan to accomplish the University's objective. This firm proposes to act as agent for the University in placing the bonds at a 2½ per cent rate during the construction period and a 4¾ per cent rate thereafter. The bonds would be a single maturity, due in 1984, with provision for required annual redemptions from the sinking fund. The effect is the same as a serial maturity issue, but setting it up on a sinking fund basis is an advantage to the insurance companies which will be purchasing the issue. Provision will also be made for refunding the issue after

1971, if this proves to be advantageous to the University. The paying agent for the issue designated is the Sears Bank and Trust Company, Chicago. Further details will be set forth in the formal resolution to be adopted later by the Board of Trustees.

The effective interest cost to the University, if the bonds are paid according to the normal schedule of maturities, will be 4.32 per cent. If refunded in 1971, the effective interest cost will be 4.47 per cent. This represents a reasonable interest charge in the current bond market.

White, Weld and Company has offered to handle the transaction at a cost of \$2.00 a bond, or \$15,500 for the entire issue.

The Finance Committee recommends acceptance of this offer and that the firm of Chapman and Cutler, Chicago, be retained as counsel for the bond issue.

The Finance Committee has been informed that the Legal Counsel is of the opinion that the sale of the bonds on a negotiated basis does not contravene the provisions of Section 11(b) or Section 15(d) of the General Rules Concerning University Organization and Procedure, but, to the extent, if any, that such sale of said bonds may conceivably constitute a departure from the policy contemplated by, or the provisions of, said sections, or either of them, he recommends that the Board authorize and ratify such departure from said policy and provisions in this instance.

On motion of Mr. Swain, these recommendations were 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.

CONTRACT FOR CONSTRUCTION OF ASSEMBLY HALL

(13) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$6,457,292 to the Felmley-Dickerson Company, Urbana, the lowest bidder, for the construction of the Assembly Hall.

The original low bid on this project was \$7,859,788. As a result of extended review and studies of the design and specifications by the architects, the Physical Plant Department, and representatives of the contractor, changes have been made which will reduce the low bid by \$1,402,496, without impairing the design, reducing the seating capacity, or eliminating any of the functions for which the building is to be constructed. These studies were reported to the Committee on Buildings and Grounds on April 13, and the Committee recommended that, subject to availability of funds, the University proceed with the project. Financing now having been assured, it is recommended that formal action be taken to award this contract in accordance with the previous recommendation of the Committee on Buildings and Grounds. Submitted herewith is a report from the Physical Plant Department on the bidding on this project, including a schedule of bids received and the project budget based upon the reduced building construction contract, and a copy is being filed with the Secretary for record.

I concur.

On motion of Mr. Pogue, this 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, Mr. Herrick; absent, Mr. Stratton.

CONTRACT FOR CONSTRUCTION OF ADDITION TO SERVICE BUILDING ANNEX

(14) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$7,550 to Harris Company, Urbana, the lowest bidder, for the construction of an addition to the Physical Plant Department's Service Building Annex.

I recommend award of the contract and assignment of the funds for this purpose from the Physical Plant Stores account.

On motion of Mr. Johnston, this contract 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 HYDROGEN LIQUEFIER BUILDING
FOR PHYSICS RESEARCH LABORATORY**

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$41,300 to Rigid Frame Structures, Inc., Champaign, for the construction of a metal building for housing hydrogen liquefying equipment and storage of liquid hydrogen to be built in the area south of the Physics Research Laboratory.

Funds are available in assignments made to the Department of Physics from indirect costs recovered from research contracts, and from other sources.

I concur.

On motion of Mr. Clement, this contract 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 REROOFING OF TEMPORARY HOUSING
IN STADIUM TERRACE**

(16) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$14,593 to Hitchens Roofing Company, Urbana, the lowest bidder, for reroofing of the temporary housing buildings in Stadium Terrace.

Funds are available in Housing Division reserves for maintenance of temporary housing units.

I concur.

On motion of Mr. Swain, this contract 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 REROOFING OF NATURAL HISTORY BUILDING

(17) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$6,474 to Petry Roofing and Sheet Metal Company, Champaign, the lowest bidder, for reroofing of the Natural History Building.

Funds are available in the Physical Plant Department maintenance budget.

I concur.

On motion of Mr. Herrick, this contract 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 LANDSCAPING MEDICAL RESEARCH
LABORATORY AREA**

(18) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$7,906.50 to Clauss Brothers, Inc., Chicago, the lowest bidder, for landscaping the Medical Research Laboratory area at the Chicago Professional Colleges.

The work will consist of furnishing top soil, planting trees and shrubs, and seeding.

Funds are available in the state appropriation for construction of the Medical Research Laboratory.

I concur.

On motion of Mrs. Watkins, this contract 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 COAL HANDLING AND TRANSPORTATION
EQUIPMENT FOR ABBOTT POWER PLANT**

(19) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$21,641.92 to McElroy-Roland Machinery Company, 719 East Jefferson Street, Springfield, for a coal handling and transportation unit for the Abbott Power Plant. This is mobile, tractor-bulldozer equipment for use in handling coal for stock-piling at the power plant.

Funds are available in the state capital appropriations to the University for the current biennium 1957-59.

I concur.

On motion of Mr. Harewood, this contract 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.

CONTRACTS FOR COAL PURCHASES FOR ABBOTT POWER PLANT

(20) The Director of Purchases, the Vice-President and Comptroller, and the Director of the Physical Plant recommend award of the following contracts for 158,000 tons of coal screenings to be delivered to the Abbott Power Plant during the period July 1, 1959, through June 30, 1961:

	<i>Location of Mine</i>	<i>F.o.b. Mine</i>
The United Electric Coal Companies, Chicago		
24,000 tons @ \$4.65.....	Danville	\$111 600 00
Republic Coal and Coke Company, Chicago		
109,000 tons @ \$4.91.....	Hillery	535 190 00
Bell and Zoller Coal Company, Chicago		
25,000 tons @ \$5.01.....	Murdock	125 250 00
Freight rate on 158,000 tons @ \$1.43.....		225 940 00
<i>Total Cost</i>		<u>\$997 980 00</u>

Sealed bids on uniform specifications were opened on April 24, 1959. Invitations to bid were sent to twenty-three producers, and sales agencies were solicited 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 bid from the United Electric Coal Companies is for the year 1959-60 only. If this mine is in operation on July 1, 1960, the University of Illinois will have the option of purchasing an additional 24,000 tons at the quoted price. Should this option be exercised, tonnage purchased from the Republic Coal and Coke Company would be correspondingly reduced.

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. Johnston, these contracts were 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.

ADDITION TO CONTRACT FOR KRANNERT ART MUSEUM

(21) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$6,789.70 in the contract with Kuhne-Simmons Company, Inc., for changes in the lighting of the Krannert Art Museum, to provide

improved illumination in areas to be used for display of paintings and minor changes in other electrical work.

I concur.

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

ADDITION TO CONTRACT FOR MARRIED STUDENT APARTMENTS

(22) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$2,829.00 in the contract with Shapland Homes, Inc., to provide additional sidewalks, and of \$6,979.21 to provide bathroom exhaust fans and roof caps for exhaust fans.

The University Architect and the Housing Division have studied the original sidewalk layout proposed by the contractor and have developed a new arrangement which will provide better traffic circulation and access for the 120 families using the project. The bathroom exhaust fans are recommended by the Federal Housing Authority as a matter of public health.

I concur.

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

ZERBEE SCHOLARSHIP IN CIVIL ENGINEERING AND MILITARY SCIENCE

(23) The will of the late Leigh F. J. Zerbe of Paris, Maine, an alumnus of the University of Illinois, Class of 1911, who died June 6, 1952, set up a trust with the Farmers Bank of Delaware, Wilmington, Delaware, with securities valued at approximately \$40,000, with the provision that the income of the trust was to be paid to Roland Andrew Zerbe, a brother, for the term of his life. Upon his death the income is to be paid by the trustee to the University of Illinois for the purpose of establishing the Zerbe Scholarship for needy students in civil engineering who are also specializing in military science. The scholarship is to be awarded under rules and regulations established by the University and is to be awarded to one student every four years unless the fund becomes large enough to provide for more than one scholarship.

Roland Andrew Zerbe, the first beneficiary of this trust, died on December 4, 1958, and the University is now receiving the income. The scholarship thus established by the late Leigh F. J. Zerbe is now in effect and will be administered according to the provisions of his will.

On motion of Mr. Harewood, this bequest was accepted.

COMPTROLLER'S REPORT OF CONTRACTS

(24) The Comptroller's report of contracts executed during the period April 1 to 30, 1959.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Village of Oak Park, Illinois	Position of the recreation system in the organizational structure of the village	\$ 350 00	March 24, 1959
United States Air Force AF 49(638)-594	Meson photoproduction and meson interactions using a liquid	68 423 00	February 13, 1959
United States Navy N600(22)49330	Books, nonexpendable supplies, and equipment	1 820 00	April 1, 1959

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
Helix Corp.	One CCA600 cross conveyor attachment One IFRS-PTO hookup assembly One CB55 third beater attachment One TRA 450-400 series transmission	\$ 113 42 annually	March 19, 1959

Contract Changes

<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)-3481	Electromagnetic wave interaction techniques	\$59 190 00	January 31, 1959

<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 29(601)-1185	Confidential	\$ 45 581 00	March 26, 1959
United States Air Force AF 33(616)-5658	Effects of inelastic straining on various classes of metals	5 938 00	March 4, 1959
United States Army DA-49-007-MD-544	Nutritive value of major nutrients of irradiated food	15 000 00	March 27, 1959
United States Army DA-49-007-MD-728	Effects of irradiated foods included in a ration fed to dogs	23 611 00	April 13, 1959
United States Atomic Energy Commission AT(11-1)67 Project No. 19	Isotopic exchange reactions in non-aqueous solutions	10 000 00	March 10, 1959
United States Atomic Energy Commission AT(11-1)-415	Unclassified research on electronic high-speed digital computers	335 000 00	March 27, 1959
United States Navy Nonr-1834(03)	Methods of analysis of structural and machine elements	40 000 00	March 16, 1959
United States Navy Nonr-1834(12)	Properties of insulating solids	26 134 00	February 16, 1959
United States Navy Nonr-1834(16)	Excitation energy in solutions	5 520 00	March 13, 1959
United States Navy Nonr-1834(19)	Properties of dielectric and semiconducting solids	43 600 00	March 16, 1959
Hiram Walker & Sons, Inc.	Nutritive value of fermentation products by means of chick assays	1 000 00	April 23, 1959

Adjustments Made in 1958-59 Cost-Plus Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Thirty items: \$34.43 deduct to \$1,500.00	\$ 4 498 62	March and April, 1959

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(25) The Comptroller presents his quarterly report to the Board as of March 31, 1959.

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

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 bid.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One helium mass spectrometer leak test station, sensitivity 10-10 cc./sec., complete with remote central unit, vacuum system	Control Systems Laboratory	Veeco Vacuum Corp., New Hyde Park, Long Island, N.Y.	\$5 290 00 New Hyde Park, N.Y.
Two sample and hold circuits	Electrical Engineering	Applied Science Corp. of Princeton, Princeton, N.J.	15 890 00 f.o.b. Princeton, N.J.

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 bid.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Six Warburg apparatus, circular, nine-station, ambient to 50° centigrade, mercury regulator, controls, 115 volts, 60 cycle; less trade-in of six obsolete Warburg units	Bacteriology (new building)	American Instrument Co., Silver Spring, Md.	\$3 300 00 f.o.b. Silver Spring Md.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One 16 in. contour band saw complete with accessories	Biology Building	DoAll Rockford Co., Rockford	\$ 2 531 25 f.o.b. Savage, Minn.
One comparator, coordinate plate and film, for use with ultracentrifuge and electrophoresis film analysis, 15x magnification, reading to .002 mm.	Chemistry and Chemical Engineering	Gaertner Scientific Corp., Chicago	3 140 00 f.o.b. Chicago
One 18 in. x 22 in. darkroom camera and accessories	Control Systems Laboratory	Roberts & Porter, Inc., Chicago	3 074 26 f.o.b. destination
15,000 diodes	Digital Computer Laboratory	Transitron Electronic Corp., Oak Park	22 500 00 f.o.b. Melrose, Mass.
One turret milling machine with ram type overarm complete with motor and accessories	Electrical Engineering	Don G. Beck, Chicago	3 010 50 f.o.b. Bridgeport, Conn.
One offset duplicator with mechanical receiving jogger, chrome master cylinder and impression roller, Universal master clamp, work organizer and work clamp	Electrical Engineering	Maginn Office Equipment Co., Champaign	2 950 00 f.o.b. delivered
One NJE Corporation type HH-520-C high voltage d.c. power supply; output 0-20 kv., 0-250 ma.; input 208 VRMS, 60 cps., 3 ph.	Electrical Engineering	NJE Corp., c/o Ridgway Engineering, Inc., Chicago	3 430 00 f.o.b. Kenilworth, N.J.
One sculpture "Armored Figure," by Fred Farr	College of Fine and Applied Arts	Paul Rosenberg & Co., New York, N.Y.	2 500 00 f.o.b. delivered
Eight issues of <i>Library Trends</i> to be printed quarterly during the period July 1, 1959, through June 30, 1961	Library School	Pantagraph Printing & Stationery Co., Bloomington	14 133 84 f.o.b. Bloomington
200 uniforms for advanced Army R.O.T.C. students	Military	Pettibone Brothers Manufacturing Co., Cincinnati, Ohio	31 034 52 f.o.b. delivered
80 uniforms for advanced Air Force R.O.T.C. students			
Steel shop-type shelving and drawer units as follows: 140 lineal ft. — 85 in. high 12 lineal ft. — 39 in. high 12 drawer units, 3 ft. wide x 12 in. deep x 85 in. high, with 39 drawers	Physics (new building)	S. Buckman Furniture & Supply Co., Spring Valley	4 969 59 f.o.b. delivered
The following furniture for the new Physics Building Library: Group 1 — steel bookstacks (1,368 lineal ft. of shelf space) Group 2 — 14 library tables (wood) Group 3 — 84 library chairs (wood) Group 4 — miscellaneous items of library furniture including a charging desk	Library — Physics (new building)	Group 1 — C. S. Brown & Co., Wauwatosa, Wis. Groups 2 and 4 — Blackwell Wielandy Co., St. Louis, Mo. Group 3 — Milwaukee Chair Co., Milwaukee, Wis.	1 215 00 3 921 50 1 748 05 f.o.b. delivered and installed
One radial drill press 9 in. column, 3 ft. arm complete with all electrical equipment installed	Physics (new building)	E. L. Essley Machinery Co., Chicago	9 307 00 f.o.b. Cincinnati, Ohio
One built-in special fine feed boring attachment			
One Universal table			
One 15 in. x 30 in. centers, dual drive lathe complete with motor, controls, and accessories	Physics (new building)	R. K. LeBlond Machine Tool Co., Chicago	6 610 00 f.o.b. Cincinnati, Ohio
One sliding bed gap lathe 21/39 in. x 8 ft. 6 in., bed complete with motor, control, and accessories	Physics (new building)	R. K. LeBlond Machine Tool Co., Chicago	15 126 00 f.o.b. Cincinnati, Ohio
One turret milling machine with ram type overarm head complete with motor, controls, optical measuring unit, and other accessories	Physics (new building)	Don G. Beck, Chicago	2 981 00 f.o.b. Bridgeport, Conn.
Anesthetic gases to be used by the Department of Anesthesiology during the year beginning July 1, 1959, and ending June 30, 1960, subject to renewal for one year at the same prices by mutual agreement	Research and Educational Hospitals	Puritan Compressed Gas Corp., Chicago	7 964 05 delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Bulk oxygen supply and service as required in the various departments and wards of the Research and Educational Hospitals; service will be supplied throughout the wards and rooms through the built-in University-owned distribution system during the period July 1, 1959, through June 30, 1961	Research and Educational Hospitals	National Cylinder Gas Co., Chicago	\$20 782 00
Whole human blood to be supplied as required by the Research and Educational Hospitals	Research and Educational Hospitals	Interstate Blood Bank, Inc., Memphis, Tenn. Chicago Blood Donor Service, Chicago Michael Reese Research Foundation, Chicago Mt. Sinai Research Foundation, Chicago	12 000 00 12 000 00 6 000 00 6 000 00
432 cases (12 bottles each) vacuum type blood collection bottles	Research and Educational Hospitals	Abbott Laboratories, Franklin Park	3 369 60 f.o.b. delivered
Approximately 2,588 boxes and 94 rolls of Eastman, Ansco, and Du Pont X-ray film to be used during the year beginning July 1, 1959, with the option to renew at the same prices for one year from July 1, 1960, if mutually agreeable to the University and the vendor	Research and Educational Hospitals	John V. Doehren Co., Chicago	83 989 80 estimated total annual expenditure
140 X-ray cassettes and 140 pairs of intensifying screens; less trade-in allowance on used cassettes and screens	Research and Educational Hospitals	Geo. W. Brady & Co., Chicago	4 369 77 delivered
Patient room furniture consisting of ten hospital beds, ten safety sides, ten irrigation rods, ten bedside cabinets, and ten chairs	Research and Educational Hospitals	A. S. Aloe Co., Chicago	3 429 00 delivered
Diaper service to be furnished to the Research and Educational Hospitals for the period beginning July 1, 1959, through June 30, 1960; this service may be renewed for one year if agreeable to both parties	Research and Educational Hospitals	Infant Diaper Service, Chicago	7 920 00
Linen service consisting of uniforms, aprons, pants, coats, and towels supplied on a rental basis to the respective food service units for the two-year period beginning July 1, 1959, through June 30, 1961	Various Food Service Departments, Chicago Professional Colleges	Industrial Garment Service, Chicago	11 810 52 estimated total annual expenditure
Continuous cloth towel service of approximately 20,000 rolls as needed during the period July 1, 1959, through June 30, 1960, in various areas of the Chicago Professional Colleges and the Chicago Undergraduate Division; service agreement renewable for one year if agreeable to both parties	Various Departments, Chicago Divisions	American Linen Supply Co., Chicago	9 000 00
Laundry service for departments in Chicago for one year from July 1, 1959, to June 30, 1960	Various Departments, Chicago Professional Colleges	Great Western Laundry Co., Chicago	59 678 40 (estimated)
Laundry service for departments at Urbana for the period July 1, 1959, through June 30, 1961	Various Departments, Urbana	Midstate Linen Supply, Inc., Urbana Model Souders, Inc., and White Line Laundry, Inc., both of Champaign	92 442 96 13 384 80 (estimated costs)
Roller towel rental service, dispensing cabinets included, for the period July 1, 1959, through June 30, 1961	Various Departments, Urbana	Champaign Clean Towel Service, Champaign	30 250 00 (estimated)
55,000 (approximately) fifty-yard rolls			
Protective clothing rental service for two-year period from July 1, 1959, through June 30, 1961, for the Illini Union, Residence Halls, and Home Economics Cafeteria: 90,000 coats, military collar, white; 158,000 aprons, bib and waist types, white	Purchasing Office	Midstate Linen Supply, Inc., Urbana	35 140 00 (estimated)
Photoengraving service during the two-year period July 1, 1959, through June 30, 1961	Print Shop	Lake Shore Photo Engraving Co., Inc., Chicago	30 000 00

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Lease of 29 films, titles as listed, for the life of each print up to six years	Visual Aids Service	Films, Inc., Wilmette	\$ 6 600 00 f.o.b. delivered
60 16 mm. films	Visual Aids Service	Coronet Films, Chicago	5 972 50 f.o.b. destination
120 refrigerators, 8 cu. ft., white enamel finish	Housing Division (for married student apartments)	Frigidaire Sales Corp., Chicago	12 870 00
121 ranges, electric, white enamel finish, 220 volt, with four burners, with cord and plug	Housing Division (for married student apartments)	Tepper's Hardware, Urbana (ranges)	11 129 58 f.o.b. Urbana
Living room, bedroom, and dining room furniture	Housing Division (for married student apartments)	Thonet Industries, Inc. to be awarded to Rochelle's, Inc., Chicago	6 000 00
		Heywood-Wakefield to be awarded to S. Buckman Furniture & Supply Co., Spring Valley	27 505 14
		Hanseatic Furniture Co. to be awarded to Rochelle's, Inc., Chicago	21 867 60
		J & S Furniture Co. to be awarded to J & S Furniture Manufacturing Co., Chicago	18 575 00
		all prices f.o.b. delivered	
Two market forge compartment steamers	Housing Division (Men's Residence Halls)	Swain & Myers Sales Co., Decatur	3 592 00 f.o.b. Urbana
Garbage and trash pick-up and disposal service for the Stadium Terrace and Illini Village housing units for the two-year period July 1, 1959, through June 30, 1961	Housing Division	Varner Hauling System, Urbana	8 829 30
14,800 reams 8 1/4 in. x 11 in. five-lb. white No. 4 sulphite duplicator paper	Office Supply Stores	Ditto, Inc., Peoria	11 129 60 f.o.b. delivered
585,000 lbs. dry ice, estimated quantity required by all departments for the period from July 1, 1959, through June 30, 1961	Various Departments, Urbana	General Dynamics Corp., Liquid Carbonic Division, Chicago	22 137 50 f.o.b. delivered
		Pure Carbonic Co., Chicago	
26,433 board ft. construction grade Douglas fir or West Coast hemlock	Physical Plant Storeroom	Pinecrest Lumber Co., Chicago	3 287 72 f.o.b. delivered
476 sheets miscellaneous plywood	Physical Plant Storeroom	Kochton Plywood & Veneer Co., Inc., Decatur	2 737 53 f.o.b. delivered
500 tons Class-X crushed rock	Physical Plant Storeroom	Champaign Builders Supply Co., Champaign	10 402 00 f.o.b. delivered
1,000 tons torpedo sand			
2,000 tons No. 8 crushed stone road binder			
Furnish approximately 750 pieces of 8 in. x 6 in. x 6 ft. precast concrete curb as required for period of July 1, 1959, through June 30, 1961	Physical Plant Storeroom	Martinie Metal & Concrete Products, Champaign	4 275 00 f.o.b. delivered
Approximately 40,000 fifty-lb. bags grade "A" Louisiana rock salt to be used during the period July 1, 1959, through June 30, 1961	Physical Plant	Cargill, Inc., LaSalle	28 900 00 f.o.b. delivered
40,000 lbs. standard flake caustic soda for period of July 1, 1959, through June 30, 1961	Physical Plant	Acid Products Co., Inc., Decatur	2 880 00 f.o.b. delivered
Four sedans, four-door, six-cylinder, automatic transmission	Physical Plant Storeroom	Springer Motor Sales, Rantoul (Ford)	3 574 35
One sedan, four-door, six-cylinder, automatic transmission, power brakes and steering		five sedans	
One sedan, four-door, V-8, automatic transmission, special police equipment		Bill Murray Chevrolet, Inc., Monticello	925 00
		one sedan	
		University Ford Sales, Champaign	874 00
Two station wagons, four-door, V-8, automatic transmission		one station wagon	
Less allowance for six 1957 four-door sedans, and two station wagons		Courtesy Motor Sales, Chicago (Ford)	988 00
		one station wagon	

(6 361 35)

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

HEADSHIP OF THE DEPARTMENT OF PSYCHOLOGY

(27) The Dean of the College of Liberal Arts and Sciences recommends the appointment of Dr. Lloyd G. Humphreys as Professor of Psychology on indefinite tenure and Head of the Department beginning September 1, 1959, at a salary of \$14,000.

This is to fill the vacancy created when Professor Lyle H. Lanier, former Head of the Department, was appointed Dean of the College of Liberal Arts and Sciences. In the meantime, Professor W. E. Kappauf has been serving as Acting Head of the Department.

The nomination of Dr. Humphreys was made by a special search committee, and all members of the Department of professorial rank have been consulted. The Vice-President and Provost and the Dean of the Graduate College concur. I recommend approval.

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

COORDINATED SCIENCE LABORATORY

(28) The Dean of the College of Engineering, the Director of the Engineering Experiment Station, and the Vice-President and Provost recommend authorization of a change in the functions and objectives of the Control Systems Laboratory from one dealing almost exclusively with classified research on military projects to an interdisciplinary laboratory devoted to a broad program in pure and applied science with classified research being continued in a reduced role. To give the proper indication or definition of this new function, both within the University and abroad, it is recommended that the name be changed to "Coordinated Science Laboratory."

They also recommend the appointments of two Associate Directors, presently members of the Laboratory staff, one of whom will have joint responsibilities with the Department of Physics and the other with the Department of Electrical Engineering: Chalmers William Sherwin, Professor of Physics and Associate Director of the Coordinated Science Laboratory, and Mac Elwyn Van Valkenburg, Professor of Electrical Engineering and Associate Director of the Coordinated Science Laboratory, effective September 1, 1959. The salaries of these positions will be determined when the budget for 1959-60 is submitted to the Board for approval.

The Board of Trustees has previously approved the appointment of Dr. Daniel Alpert, Research Professor of Physics and presently Technical Director of the Control Systems Laboratory, as Director effective July 1, 1959, to succeed Professor F. Wheeler Loomis, who is retiring from active service. It is recommended that Professor Alpert's title be changed to Director of the Coordinated Science Laboratory.

I concur in these recommendations.

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

REPORTS OF COMMITTEES

The Board proceeded to consider the following reports and recommendations from its standing committees.

SITE SELECTION FOR RELOCATION OF THE CHICAGO UNDERGRADUATE DIVISION

Mr. Johnston, for the Committee on General Policy, presented the following report and recommendation:

On February 19, 1959, the Board of Trustees designated the Riverside Golf Club and an adjacent area as the site for the permanent location of the Chicago Undergraduate Division of the University of Illinois.

In this action on the Riverside site, the Trustees indicated a willingness to reconsider the decision should Northerly Island be made available at no greater cost and on the development time schedule defined by the Board, namely, decision in time to be considered as the basis for legislative appropriations which would permit construction to start by the fall of 1960 and completion in the fall of 1963.

The Mayor of the city of Chicago has informed the President of the Uni-

versity that after a careful review of all the factors involved, including the possibility of relocating Meigs Field, Northerly Island can not be made available as a University site.

On May 6, 1959, Mayor Richard J. Daley asked the Board of Trustees to consider the railroad terminal area as a site, with the suggestion that Garfield Park be considered as an alternate site if by April, 1960, the railroad terminal could not be made available.

The Trustees have studied this proposal. They believe that no further delay should ensue in declaring a firm decision, so that site planning may be started at once and site development undertaken as soon as funds are appropriated by the General Assembly now in session.

On the basis of the alternatives now before the Board, it is their judgment that the Garfield Park site as now described¹ is second only to Northerly Island as a desirable site within the city of Chicago, assuming that approximately 135 acres of park land and twelve acres of land outside the park can be made available at a cost not to exceed the estimated cost of the Riverside site (in accordance with the Mayor's statement on costs on February 23) on the University's timetable. It is also assumed that certain street closings can be negotiated and that the city plans to designate portions of the adjacent area for redevelopment.

The Board of Trustees, therefore, recommends to the Mayor of the city of Chicago that steps be taken immediately so that the Garfield Park land may be conveyed to the Board of Trustees as soon as the appropriations are made. It would be expected that such enabling legislation as may be necessary for this purpose would be sponsored by the Park District and the City. The Board of Trustees also recommends to the Governor and the General Assembly that the funds for the Chicago Undergraduate Division be appropriated for the purpose of acquiring the Garfield Park site. The Trustees further recommend that the legislation, providing for a referendum on a bond issue for buildings at the state universities, be amended to increase the total by fifty million dollars, the sum estimated to be necessary for buildings and equipment to permit the replacement and enlargement of the program now offered at Navy Pier.

It is the intention of the Board of Trustees to rescind its action of February 19, 1959, with reference to the Riverside site, as soon as the acquisition of Garfield Park by the University is assured.

Conditions of Acceptance for Garfield Park

1. That the entire park land south of the Lake Street elevated (including all the existing improvements) will be deeded to the University of Illinois.
2. That a redevelopment program will be established for the surrounding area by which the park land lost to the community will be relocated.
3. That Fifth Avenue will be closed west of Central Avenue.
4. That consideration will be given by the City to closing one or more of the east-west streets crossing the above site.
5. That the acquisition cost of the park land and the triangular section lying south of it and adjacent to the Congress Street Expressway will not exceed the land acquisition and development costs to the University for construction on the Riverside site.
6. That the University will have the right of access to city streets for the purpose of constructing utilities.

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

BIENNIAL BUILDING PROGRAM FOR 1959-61

Mr. Pogue, for the Committee on Buildings and Grounds, presented the following report:

Governor William G. Stratton's budget message to the Seventy-first General Assembly of Illinois recommends appropriations totaling \$14,190,000 to the Uni-

¹The Garfield Park site herein described differs from that originally proposed in the report of the Real Estate Research Corporation of Chicago. The present proposal includes approximately eighty-one acres of additional park land instead of requiring the acquisition of a similar area of privately owned land. In other words, the area of land which would be available for immediate construction of buildings without requiring clearance or relocation of families has been greatly increased.

versity for buildings and other capital expenditures for the biennium of 1959-61. This total will be distributed as follows, with adjustments in the several items to set up line items for equipment and contingencies.

Power Plant Addition and Utilities Distribution System, Urbana....	\$ 6 400 000
Funds to supplement outside grants, Urbana.....	1 185 000
Protection of life and property, Urbana and Chicago Professional Colleges	775 000
For site acquisition, development, and planning (net), Chicago Under- graduate Division	2 500 000
Land acquisition, Urbana.....	450 000
Completion of buildings under construction, Urbana and Chicago Pro- fessional Colleges	940 000
Plans and specifications, Urbana and Chicago Professional Colleges..	500 000
Remodeling, Urbana and Chicago Professional Colleges.....	1 000 000
University's proportionate share of public improvement projects, Urbana	440 000
	<u>\$14 190 000</u>

It should be noted that the largest item is an addition to the Power Plant and Utilities Distribution System which will include a new boiler and generator to provide additional capacity for the expansion of academic buildings, and extension of utilities needed to service new residence halls and other revenue financed buildings.

In addition the Governor has recommended a new referendum for a bond issue for educational institutions. If authorized by the General Assembly this referendum will be in the fall of 1960 and if approved, appropriations for the construction of major buildings would be made in the biennium beginning in 1961.

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

PURCHASE OF PROPERTY AT 1201 WEST STOUGHTON STREET, URBANA

Mr. Pogue, for the Committee on Buildings and Grounds, presented the following recommendation:

The Director of the Physical Plant and the Vice-President and Comptroller recommend the purchase of the property at 1201 West Stoughton Street, Urbana, at a price of \$17,000. This property is within the University's long-range land acquisition program and is one of two privately owned lots in the block bounded by Springfield Avenue on the south, Mathews Avenue on the west, Stoughton Street on the north, and Goodwin Avenue on the east, all the other land in that block being owned by the University.

The property at 1201 West Stoughton Street consists of a corner lot 66 feet wide and 100 feet deep with a ten-room frame house formerly occupied by the Alpha Kappa Alpha sorority, the owner. The house is presently unoccupied because it is in need of major repairs, and the sorority has decided to build elsewhere instead of rebuilding on the present site. The house should be razed and the land can be used for parking until needed as a building site. The price is \$800.00 higher than the highest appraisal secured by the University, and \$1,000.00 less than an appraisal secured by the sorority. It would represent a cost of \$2.57 per square foot which is a reasonable price compared with other properties acquired in this area.

Funds are available.

The President of the University concurs in this 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. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

PURCHASE OF PROPERTY AT 1003 WESTERN AVENUE, URBANA
Mr. Pogue, for the Committee on Buildings and Grounds, presented the following recommendation:

The Director of the Physical Plant and the Vice-President and Comptroller recommend the purchase of the property at 1003 Western Avenue, Urbana, at a price of \$8,500. This property consists of a lot 60 feet wide and 60 feet deep with a two-story, four-room frame house and a garage-like frame building used as a small warehouse. It is in the area bounded by Western Avenue on the north, Gregory Avenue on the east, Green Street on the south, and Goodwin Avenue on the west. It adjoins the former Illinois Terminal Railroad right-of-way on the south, and the University owns the adjoining property on the west. It is within the area of the University's long-range land acquisition program and will be needed as a part of a site for a new residence hall for unmarried graduate students.

The price is consistent with University appraisals and represents a cost of \$2.36 per square foot which is reasonable compared with the value of other properties acquired by the University in this area.

Funds are available.

The President of the University concurs in this 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. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

BIENNIAL BUDGET FOR 1959-61

Mr. Swain, for the Finance Committee, presented the following report:

Governor William G. Stratton's budget message to the Seventy-first General Assembly of Illinois recommended a total biennial operating budget for the University of \$124,910,000. This is a reduction of \$6,600,000 in the total budget of \$131,510,000 approved by the Board of Trustees October 23, 1958.

While the increase proposed for the University by the Governor is not as much as the University requested and could use effectively, it does provide sufficient funds for the University to make progress in correcting the most serious deficiencies and to meet competition in retaining and recruiting staff. It is recommended that the reductions be taken in the following items. The University Budget Committee has approved the revised distribution of the proposed increase.

	<i>Original Increase Proposed</i>	<i>Revised Proposed Increase</i>	<i>Reduction</i>
Contribution to the University Retirement System.....	\$ 997 200	\$ 997 200	.....
To continue for a full biennium funds required for one year only in 1957-59.....	985 600	985 600	.....
To meet essential increases in expense and equipment.....	4 000 000	2 750 000	\$1 250 000
To continue on a permanent basis expenditures financed temporarily from savings...	1 415 000	1 415 000	.....
Salary adjustments.....	12 000 000	10 250 000	1 750 000
University's contribution to the staff health insurance program.....	600 000	.....	600 000
To put new buildings into operation.....	1 290 200	1 290 200	.....
For additional enrollment.....	1 480 000	1 480 000	.....
To improve the educational programs....	4 100 000	1 100 000	3 000 000
Refunds.....	80 000	80 000	.....
	<u>\$26 948 000</u>	<u>\$20 348 000</u>	<u>\$6 600 000</u>

On motion of Mr. Swain, these revisions in the biennial operating budget 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) 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.)

- ALLEN, ALFRED W., Professor of Ceramic Engineering (C), two months from July 1, 1959, \$1055.55 a month; this is in addition to his present appointment (4-9-59).
- ASCARELLI, GIANNI, Research Associate in Physics (C), one year from September 1, 1959, \$7000 (4-20-59).
- BARBATO, LIBERO, Research Associate in Psychiatry (Medicine), four months from May 1, 1959, \$583.33 a month (4-28-59).
- BART, RONALD K., Research Assistant in Ceramic Engineering (S), three months from June 1, 1959, \$440 a month, supersedes (4-11-59).
- BARTLE, ROBERT G., Associate Professor of Mathematics, two months from June 16, 1959, \$1655.56; this is in addition to his present appointment (4-29-59).
- BATEMAN, PAUL T., Professor of Mathematics, two months from June 16, 1959, \$2222.22; this is in addition to his present appointment (4-29-59).
- BEAMER, RUFUS W., Visiting Lecturer in Agricultural Education, June 15-July 11, 1959, \$758 a month (4-9-59).
- BLISS, LAWRENCE C., Research Assistant Professor of Botany, two months from June 16, 1959, \$666.67 a month (4-15-59).
- BORASKY, RUBIN, Electron Micrographer, May 1, 1959-August 31, 1960, \$9000 a year (4-15-59).
- BROWN, OLIVER R., JR., Assistant in Education (University High School), August 3-28, 1959, \$500 (4-23-59).
- BUSH, JOHN C., Assistant in Radiology (Medicine), eight months from January 1, 1959, without salary (4-13-59).
- CHRISTIAN, ROBERT R., Visiting Lecturer in Mathematics, ten months from August 1, 1959, \$10,000 (4-29-59).
- DAVISON, HUGH M., Extension Specialist in University Extension Conference Programs and University Extension Police Training Institute (Division of University Extension), five months from April 1, 1959, \$625 a month, supersedes (4-17-59).
- ERASMUS, CHARLES J., Research Associate in Anthropology, two months from June 16, 1959, \$1111.10; this is in addition to his present appointment (4-29-59).
- FARON, LOUIS C., Research Associate in Anthropology, two months from June 16, 1959, \$1111.10; this is in addition to his present appointment (4-29-59).
- FOSDICK, LLOYD D., Research Assistant Professor of Physics (Digital Computer Laboratory), one month from June 16, 1959, \$711.11 (4-20-59).
- GINSBERG, DONALD M., Research Associate in Physics (College of Engineering and Graduate College), one year from September 1, 1959, \$7500 (4-3-59).
- GOTHELF, BERNARD, Research Assistant in Psychiatry (Medicine), April 12-August 31, 1959, \$458.33 a month (4-28-59).
- GRAY, MRS. MARY T., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1959, \$400 a month (4-23-59).
- HAGGLUND, RAY, Instructor in Theoretical and Applied Mechanics (C), 1/2 time, academic year beginning September 1, 1959, \$2600 (4-28-59).
- HANDLER, JEROME L., Clinical Assistant in Medicine (Medicine), six months from March 1, 1959, without salary (4-13-59).
- HART, ALICE G., Visiting Lecturer in Education (University High School), for services for the period August 1, 1959-June 4, 1960, \$500 a month for the ten-month period of August 1, 1959, through May 31, 1960 (4-20-59).
- HERBST, RICHARD J., Research Assistant in Ceramic Engineering (S), three months from June 1, 1959, \$440 a month, supersedes (4-11-59).
- JOHN, KARL O., Research Assistant in Chemistry, one year from April 16, 1959, \$5100 (4-23-59).

- JOHNSON, NOEL H., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1959, \$422.22 a month (4-23-59).
- JOHNSON, ROBERT E., Director of University Honors Programs (Provost's Office), seven months from February 1, 1959, without additional salary; this is in addition to his present appointment (4-9-59).
- KIRTLEY, MALCOLM B., Assistant Professor of Agricultural Marketing (Agricultural Economics) (E), five months from April 1, 1959, \$700 a month, supersedes (4-28-59).
- KNOX, ROBERT S., Research Associate in Physics (C), five months from April 1, 1959, \$583.33 a month, supersedes (4-20-59).
- KOZIJ, VERA M., Research Assistant in Medicine (Medicine), five months from April 1, 1959, \$366.66 a month (4-9-59).
- KUNIHRO, TOSHIRO, Research Assistant in the Digital Computer Laboratory, two months from June 16, 1959, \$400 a month (4-23-59).
- LYON, RICHARD O., Associate Professor of 4-H Club Work (E), five months from April 1, 1959, \$712.50 a month, supersedes (4-3-59).
- MCDERMOTT, MARK N., Research Associate in Physics (C), July 1, 1959-August 31, 1960, \$7000 a year (4-20-59).
- MICHEL, GERD A. W., Research Associate in Chemistry, one year from September 1, 1959, \$5400 (4-29-59).
- MILLS, QUEENIE B. B., Acting Head of Child Development and Family Relations, five months from February 1, 1959, \$500; this is in addition to her present appointment (4-28-59).
- MORRIS, CHARLES E., JR., Visiting Research Associate in Education (University High School), $\frac{1}{2}$ time, nine months from September 16, 1959, \$2500 (4-20-59).
- MYERS, JOHN J., Research Assistant Professor in the Control Systems Laboratory (S), February 25-August 31, 1959, \$11,500 a year (4-9-59).
- NUNNALLY, JUM C., JR., Associate Director of University Honors Programs (Provost's Office), seven months from February 1, 1959, without additional salary; this is in addition to his present appointment (4-9-59).
- PAGE, DAVID A., Assistant Professor of Education (University High School), two months from June 16, 1959, \$1838.10; this is in addition to his present appointment (4-20-59).
- POLLAK, VICTOR E., Research Assistant Professor of Medicine (Medicine), five months from April 1, 1959, without salary (4-28-59).
- RASMUSSEN, MRS. LORE, Research Associate in Education (University High School), two months from June 16, 1959, \$593.33 a month (4-20-59).
- RAY, SYLVIAN R., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1959, \$444.44 a month (4-23-59).
- RINGUS, EDMUND, Clinical Instructor in Radiology (Medicine), $\frac{1}{4}$ time, five months from April 1, 1959, \$175 a month, supersedes (4-9-59).
- RISKE, MARCUS, Visiting Lecturer in Education (University High School), for services for the period August 1, 1959-June 4, 1960, \$450 a month for the ten-month period of August 1, 1959 through May 31, 1960 (4-20-59).
- SARNAT, SHEILA P., Registered Pharmacist in Hospital Pharmacy (Research and Educational Hospitals, Pharmacy), March 23-August 31, 1959, \$466.67 a month (4-9-59).
- SHEAGREN, JOHN W., Physician in the Health Service (with rank of Instructor in Medicine) (Chicago Professional Colleges), $\frac{1}{2}$ time, April 6-August 31, 1959, \$433.33 a month, supersedes (4-9-59).
- STEPHENS, RICHARD B., Professor of Law, academic year beginning September 1, 1959, \$14,500 (4-13-59).
- STEWART, WILSON N., Research Professor of Botany, two months from June 16, 1959, \$1055.55 a month; this is in addition to his present appointment (4-15-59).
- THOMS, ROBERT L., Instructor in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, academic year beginning September 1, 1959, \$2500 (4-28-59).
- TISDALL, WILLIAM J., Research Assistant in the Institute for Research on Exceptional Children, two months from June 16, 1959, \$800 (4-23-59).
- TRUMBULL, THOMAS J., Visiting Lecturer in Education (University High School), for services for the period August 1, 1959-June 4, 1960, \$450 a month for the ten-month period of August 1, 1959 through May 31, 1960 (4-20-59).

- VANGOR, DONALD W., Pharmacy Resident (Pharmacy), $\frac{3}{5}$ time, March 15-August 31, 1959, \$1350 a year; for the convenience of the University he will also be furnished room, board, and laundry of uniforms while on duty, supersedes (4-9-59).
- WAHL, FLOYD M., Research Assistant Professor of Geology, two years from July 1, 1959, \$7000 a year (4-9-59).
- WHITFIELD, GEORGE D., Research Associate in Physics (C), for one year from September 1, 1959, \$6500 (4-13-59).
- WICKLUND, ROMAYNE C., Extension Specialist in Conference Programs (Division of University Extension), April 15-August 31, 1959, \$541.66 a month (4-20-59).
- WISEMAN, NEIL E., Research Assistant in the Digital Computer Laboratory, June 16-August 31, 1959, \$422.22 a month (4-23-59).

GRADUATE FELLOWS

(The following appointments made by the Dean of the Graduate College were approved on March 23, 1959, except where otherwise indicated in parentheses.)

Accountancy

- GEU, HAROLD L., Fellow, nine months from September 16, 1959, \$1500.
- KEISTER, ORVILLE R., JR., Fellow, nine months from September 16, 1959, \$1500.
- LOWENSTEIN, JOSEPH R., Fellow, nine months from September 16, 1959, \$1500.
- SENNEFF, RICHARD J., Fellow, nine months from September 16, 1959, \$1500.

Agricultural Economics

- BARNETT, RITCHIE G., Hackett Fellow, September 16, 1959-January 31, 1960, \$750 (4-2-59).
- COWLING, KEITH G., Fellow, nine months from September 16, 1959, \$2000.
- LANGHAM, MAX R., Fellow, nine months from September 16, 1959, \$1500.
- PATTERSON, REX A., Wright Fellow, nine months from September 16, 1959, \$1500 (4-2-59).
- STOEVENER, HERBERT H., Wright Fellow, nine months from September 16, 1959, \$1500 (4-2-59).
- TINSLEY, WILLIAM A., Fellow, nine months from September 16, 1959, \$1500.
- WARMBROD, JAMES R., Hackett Fellow, nine months from September 16, 1959, \$1500 (4-2-59).

Agronomy

- CHENG, HWEI-HSIEN, Fellow, nine months from September 16, 1959, \$1500.
- DREISOW, BEVERLY V., Hackett Fellow, nine months from September 16, 1959, \$1500 (4-2-59).
- HALL, GEORGE F., Wright Fellow, nine months from September 16, 1959, \$1500 (4-2-59).
- PRENSKY, WOLF, Fellow, nine months from September 16, 1959, \$1500.
- SAVAGE, SCOTT M., Fellow, nine months from September 16, 1959, \$1500.
- WATKINS, PHILLIP W., Fellow, nine months from September 16, 1959, \$1500.
- WILDING, LAWRENCE P., Fellow, nine months from September 16, 1959, \$1500.

Animal Science

- BREIDENSTEIN, BLAINE B., Wright Fellow, nine months from September 16, 1959, \$1500 (4-2-59).

Anthropology

- NAGATA, SHUICHI, Fellow, nine months from September 16, 1959, \$1500.

Architecture

- HOLSCHNEIDER, JOHANNES P., Fellow, nine months from September 16, 1959, \$1500.
- HSIU, HWEI-CHIH, Fellow, nine months from September 16, 1959, \$1500.
- MILLER, HAROLD J., Kaiser Aluminum and Chemical Corporation Fellow, nine months from September 16, 1959, \$1500.

Art

- BADNER, MINO D., Fellow, nine months from September 16, 1959, \$1500.
- BASSARO, JOAN M. K., Fellow, nine months from September 16, 1959, \$1500.

EPLER, ROSA L., Fellow, nine months from September 16, 1959, \$1500.
GATES, MRS. ELAINE B., Fellow, nine months from September 16, 1959, \$1500.
GLENN, JOHN R., Fellow, nine months from September 16, 1959, \$1500.
HAGEWOOD, HAROLD C., Fellow, nine months from September 16, 1959, \$1500.
HOOVEN, PETER K., Fellow, nine months from September 16, 1959, \$1500.

Bacteriology

ESRIG, MRS. STELLA M., Fellow, nine months from September 16, 1959, \$1500.
RAPs, SHIRLEY, Fellow, nine months from September 16, 1959, \$1500.

Botany

ALLEN, RICHARD D., Fellow, nine months from September 16, 1959, \$1500.
BOURKE, ALICE J., Fellow, nine months from September 16, 1959, \$1500.
GOVINDJEE, MRS. RAJNI, Fellow, September 16, 1959-January 31, 1960, \$750.

Business

FURUHASHI, YUSAKU I., Fellow, nine months from September 16, 1959, \$1500.

Ceramic Engineering

ANDERSON, RICHARD C., Edward Orton Jr. Foundation Fellow, nine months from September 16, 1959, \$1600 (4-27-59).
CAPEK, RAYMOND G., General Electric Company Fellow, nine months from September 16, 1959, \$1750 (4-2-59).
COOK, LEONARD M., Edward Orton Jr. Foundation Fellow, nine months from September 16, 1959, \$1600 (4-27-59).
HALL, CHARLES A., National Lead Company Fellow, nine months from September 16, 1959, \$1740 (4-27-59).
WIRTH, DAVID G., JR., Armco Steel Corporation Fellow, nine months from September 16, 1959, \$1900 (4-27-59).

Chemical Engineering

BALCHAN, ANTHONY S., Autoclave Engineers Fellow, nine months from September 16, 1959, \$1800.
BUEHL, WALTER M., JR., Fellow, nine months from September 16, 1959, \$1500.
EDWARDS, ARTHUR L., Shell Companies Foundation Fellow, nine months from September 16, 1959, \$2100.
GREGG, DAVID W., Consolidation Coal Company Fellow, nine months from September 16, 1959, \$1500 (4-21-59).
HOSLER, E. RAMON, Monsanto Chemical Company Summer Research Fellow, two months from June 16, 1959, \$550 (4-17-59).
KEATING, KENNETH B., Fellow, September 16, 1959-January 31, 1960, \$750.
LILLELEHT, LEMBIT U., Fellow, nine months from September 16, 1959, \$1500.
LILLELEHT, LEMBIT U., American Oil Company Fellow, nine months from September 16, 1959, \$1500, superscedes (4-21-59).
REISS, L. PHILIP, Union Carbide Corporation (Visking) Fellow, nine months from September 16, 1959, \$2100.
SHEELY, CLYDE Q., JR., Fellow, nine months from September 16, 1959, \$1500.
STEPHENS, DOUGLAS R., Dow Chemical Company Fellow in Chemical Engineering, nine months from September 16, 1959, \$1700 (4-21-59).
TAXIMOTO, SADAQ, Fellow, nine months from September 16, 1959, \$1500.
TISCHER, RICHARD E., Fellow, nine months from September 16, 1959, \$1500.
WELCH, JOHN F., USI Fellow, nine months from September 16, 1959, \$1800 (4-2-59).
WIEDERHORN, SHELDON, Fellow, September 16, 1959-January 31, 1960, \$750.
YOUNGQUIST, GORDON R., Minnesota Mining and Manufacturing Company Fellow, nine months from September 16, 1959, \$1500 (4-21-59).

Chemistry

ANDERSON, DONALD J., Fellow, nine months from September 16, 1959, \$1500.
BECK, JAMES R., Standard Oil Company of California Fellow, nine months from September 16, 1959, \$1500.
BROOKS, SUZANNE B., USI Fellow, nine months from September 16, 1959, \$1800 (4-2-59).

- BURTON, ALICE J., Fellow, nine months from September 16, 1959, \$1500.
BURTON, GILBERT W., Fellow, nine months from September 16, 1959, \$1500.
CHAO, MOU-SHU, Fellow, September 16, 1959-January 31, 1960, \$750.
CHILTON, WILLIAM S., Fellow, nine months from September 16, 1959, \$1500.
COOK, ADDISON G., Monsanto Chemical Company Summer Research Fellow, two months from June 16, 1959, \$550 (4-20-59).
DREW, ERNEST H., Fellow, nine months from September 16, 1959, \$1500.
FAY, ROBERT C., Dow Chemical Company Fellow, nine months from September 16, 1959, \$1700.
FRIIHAUF, EDWARD J., Firestone Tire and Rubber Company Fellow, nine months from September 16, 1959, \$1500 (4-15-59).
GALE, WALTER W., Phillips Petroleum Company Fellow, nine months from September 16, 1959, \$2000.
HAYNES, LEROY W., Monsanto Chemical Company Fellow, nine months from September 16, 1959, \$1750.
HEDGE, JOHN A., Sun Oil Company Fellow, nine months from September 16, 1959, \$1800.
HEINS, CONRAD F., Fellow, nine months from September 16, 1959, \$1500.
KONZ, MARVIN J., Sinclair Research Laboratories Fellow, nine months from September 16, 1959, \$1500.
McCARTY, CHARLES G., Roger Adams Fellow, nine months from September 16, 1959, \$1600 (4-21-59).
McMURRAY, WALTER J., Eli Lilly Fellow, nine months from September 16, 1959, \$1700 (4-15-59).
MEYERS, BERNARD L., Fellow, nine months from September 16, 1959, \$1500.
MON, MEHM TIN, Fellow, nine months from September 16, 1959, \$1500.
NEALE, ROBERT S., Gillette-Toni Fellow, nine months from September 16, 1959, \$2500 (4-2-59).
OSBORN, GENIE C., Fellow, nine months from September 16, 1959, \$1500.
PAISLEY, MRS. NANCY C., Fellow, nine months from September 16, 1959, \$1500.
ROSE, NORMAN J., Toms-River-Cincinnati Chemical Corporation Fellow, nine months from September 16, 1959, \$1800.
SCHUG, JOHN C., General Electric Company Fellow, nine months from September 16, 1959, \$2500.
SCHULTZ, JOHN E., Union Carbide Corporation (Union Carbide Plastics Company) Fellow, nine months from September 16, 1959, \$2100 (4-13-59).
SMITH, RUSSELL G., Rohm and Haas Company Fellow, nine months from September 16, 1959, \$1750.
TEETS, DAVID W., Fellow, nine months from September 16, 1959, \$1500.
THOMPSON, LARRY C., United States Rubber Company Fellow, nine months from September 16, 1959, \$2100.
TIPTON, CARL L., Procter and Gamble Company Fellow, nine months from September 16, 1959, \$2100.
TOREN, ERIC C., JR., Socony Mobil Oil Company Fellow, nine months from September 16, 1959, \$2000.
TVETEN, JOHN L., Minnesota Mining and Manufacturing Company Fellow, nine months from September 16, 1959, \$1500.
UEBEL, JACOB J., Fellow, nine months from September 16, 1959, \$1500.
VERKADE, JOHN G., Monsanto Chemical Company Fellow, nine months from September 16, 1959, \$1750.
WEDEGAERTNER, DONALD K., Allied Chemical Corporation (Plastics and Coal Division) Fellow, nine months from September 16, 1959, \$2000.
WENZ, DONALD A., Ethyl Corporation Fellow, nine months from September 16, 1959, \$1800.
WERNER, NEWTON D., Allied Chemical Corporation (Nitrogen Division) Fellow, nine months from September 16, 1959, \$1500.

City Planning

- SMITH, DOUGLAS C., Fellow, nine months from September 16, 1959, \$1500.

Civil Engineering

- AMIN, MOHAMMAD, Fellow, nine months from September 16, 1959, \$1500.
BUCKNAM, RONALD E., California Oil Company Fellow, nine months from September 16, 1959, \$1500.

CHUANG, KUEN-PUO, Fellow, nine months from September 16, 1959, \$1500.
DAI, KUANG-HSUN, Fellow, nine months from September 16, 1959, \$1500.
DONNELLAN, BERNARD A., Raymond Concrete Pile Company (in memorial to A. E. Cummings) Fellow, nine months from September 16, 1959, \$1500.
FUKUMOTO, YUHSI, Fellow, nine months from September 16, 1959, \$1500.
GUSTAFSON, WILLIAM C., Fellow, nine months from September 16, 1959, \$1500.
HENDRON, ALFRED J., JR., Fellow, nine months from September 16, 1959, \$1500.
HOLT, JOHN K., Fellow, nine months from September 16, 1959, \$1500.
KEENE, KENNETH R., Automotive Safety Foundation Fellow, nine months from September 16, 1959, \$1500.
PFRANG, EDWARD O., Fellow, nine months from September 16, 1959, \$1500.
SINGH, KRISHAN P., Fellow, nine months from September 16, 1959, \$1500.
WEES, JAMES A., Fellow, nine months from September 16, 1959, \$1500.
WIGGINS, JOHN H., JR., Esso Research and Engineering Company Fellow, nine months from September 16, 1959, \$2400.

Classics

ABRAMS, SAMUEL I., Fellow, nine months from September 16, 1959, \$1500.
MATULUNAS, HELEN F., Fellow, nine months from September 16, 1959, \$1500.

Communications

CAREY, JAMES W., Fellow, nine months from September 16, 1959, \$1500.
GUBACK, THOMAS H., Fellow, nine months from September 16, 1959, \$1500.

Dairy Science

EBNER, KURT E., Fellow, September 16, 1959-January 31, 1960, \$750.

Digital Computer Laboratory

WONG, ALFRED Y., Fellow, nine months from September 16, 1959, \$1500.

Economics

HALL, WARREN C., JR., Fellow, nine months from September 16, 1959, \$1500.
LEFTWICH, HOWARD M., Fellow, nine months from September 16, 1959, \$1500.
MAJDOWSKI, LEONARD A., Fellow, nine months from September 16, 1959, \$1500.
ONANIAN, EDWARD D., Fellow, nine months from September 16, 1959, \$2000.
SAUBER, KARL A., Fellow, nine months from September 16, 1959, \$1500.
SMITH, ROBERT F., Fellow, nine months from September 16, 1959, \$1500.
WICKS, JOHN H., Fellow, nine months from September 16, 1959, \$1500.

Education

FAIRGRIEVES, RICHARD L., Fellow, nine months from September 16, 1959, \$1500.
TOMLINSON, ROBERT M., Fellow, nine months from September 16, 1959, \$1500.

Electrical Engineering

AKITT, DONALD P., Ford Foundation Fellow (Trainee), nine months from September 16, 1959, \$2000.
ANDERSON, GORDON W., Ford Foundation Fellow (Trainee), nine months from September 16, 1959, \$2000 (4-15-59).
BOLES, WILLIAM D., Ford Foundation Fellow (Trainee), nine months from September 16, 1959, \$2000.
CAMPBELL, HENRY G., JR., Fellow, nine months from September 16, 1959, \$1500.
CHAN, SHU-PARK, Fellow, nine months from September 16, 1959, \$1500.
ENGELHARDT, ALBERT G., Fellow, nine months from September 16, 1959, \$1500.
FEINGOLD, HARVEY, Fellow, nine months from September 16, 1959, \$1500.
GHOSH, HITENDRA N., Fellow, nine months from September 16, 1959, \$1500.
JONES, EDWIN C., JR., Fellow, nine months from September 16, 1959, \$1500.
LAFUSE, HARRY G., Westinghouse Fellowship-Instructorship, nine months from September 16, 1959, \$2500 (4-17-59).
LIU, RUEY-WEN, General Electric Company Fellow, nine months from September 16, 1959, \$2100 (4-17-59).
MCLAREN, ROBERT W., Fellow, nine months from September 16, 1959, \$1500.
OVERPECK, ROBERT L., Ford Foundation Fellow (Trainee), nine months from September 16, 1959, \$2000.
PARR, RICHARD J., Fellow, nine months from September 16, 1959, \$1500.

RAO, SUNKARA N., Fellow, nine months from September 16, 1959, \$1500.
SINNEMA, WILLIAM, Ford Foundation Fellow (Trainee), nine months from September 16, 1959, \$2000.
STEIN, HERBERT J., Fellow, nine months from September 16, 1959, \$1500.
WANG, CARL C., Fellow, nine months from September 16, 1959, \$1500.

English

ANDERSEN, SAYRE D., Fellow, nine months from September 16, 1959, \$1500.
COLACUNIO, MICHAEL J., JR., Fellow, nine months from September 16, 1959, \$1500.
FRIEND, GEORGE L., Fellow, nine months from September 16, 1959, \$1500.
HEAGARTY, MARY A., Fellow, nine months from September 16, 1959, \$1500.
RACKIN, MRS. PHYLLIS, Fellow, nine months from September 16, 1959, \$1500.
REHM, MRS. PRISCILLA, Fellow, nine months from September 16, 1959, \$1500.
SILVIA, DANIEL S., JR., Fellow, nine months from September 16, 1959, \$1500.
ZIMMER, JEANNE C., Fellow, nine months from September 16, 1959, \$1500.

Entomology

HURLEY, RICHARD L., Fellow, nine months from September 16, 1959, \$1500.

Finance

HAYDON, RANDALL B., General Electric Company Fellow, nine months from September 16, 1959, \$2500.

Food Technology

CUMMISFORD, PATRICIA D., Fellow, nine months from September 16, 1959, \$1500.
ENDRES, JOSEPH G., Hackett Fellow, nine months from September 16, 1959, \$1500.
KIM, DONG HOON, Fellow, nine months from September 16, 1959, \$1500.

French

BOVEY, BETTY D., Fellow, nine months from September 16, 1959, \$1500.
GASTINEAU, MARIANNE, Fellow, nine months from September 16, 1959, \$1500.
JACKSON, LOVIE R., Fellow, nine months from September 16, 1959, \$1500.
RACSDALE, JULIA A., Fellow, nine months from September 16, 1959, \$1500.
RAINS, MRS. RUTH R., Fellow, nine months from September 16, 1959, \$1500.
WILSON, DARRYL B., Fellow, nine months from September 16, 1959, \$1500.
WOLIN, MRS. HELGA D., Fellow, nine months from September 16, 1959, \$1500.

Geography

ARMSTRONG, RICHARD W., Fellow, nine months from September 16, 1959, \$1500.
GADE, DANIEL W., Fellow, nine months from September 16, 1959, \$1500.
HELLER, CHARLES F., JR., Fellow, nine months from September 16, 1959, \$1500.
MCDONALD, JAMES R., Fellow, nine months from September 16, 1959, \$1500.

Geology

BICKFORD, MARION E., JR., Shell Oil Company Fellow, nine months from September 16, 1959, \$1800 (4-13-59).
BREDEHOEFT, JOHN D., Fellow, nine months from September 16, 1959, \$1500.
COLQUHOUN, DONALD J., Fellow, nine months from September 16, 1959, \$1500.
NIEMANN, ROBERT L., Illinois Clay Products Fellow, nine months from September 16, 1959, \$1500 (4-13-59).
PAGE, NORMAN J., Fellow, nine months from September 16, 1959, \$1500.
PELKERT, ERNEST W., Fellow, nine months from September 16, 1959, \$1500.
SCOTT, JOHN S., Fellow, nine months from September 16, 1959, \$1500.
STONE, JOHN E., Fellow, nine months from September 16, 1959, \$1500.
TETTENHORST, RODNEY T., Illinois Clay Products Company Fellow, nine months from September 16, 1959, \$1500.
WILSON, WILLIAM E., III, Fellow, nine months from September 16, 1959, \$1500.
WOLFF, ROGER G., National Lead Company Fellow, nine months from September 16, 1959, \$1500.
ZADNIK, VALENTINE E., Fellow, September 16, 1959-January 31, 1960, \$750.

German

LOCICERO, VINCENT, Fellow, nine months from September 16, 1959, \$1500.
POAG, JAMES F., Fellow, nine months from September 16, 1959, \$1500.

History

- COLLINS, JACQUELIN, Fellow, nine months from September 16, 1959, \$1500.
GRAY, RALPH D., Fellow, nine months from September 16, 1959, \$1500.
KING, PETER J., Kendric C. Babcock Fellow, nine months from September 16, 1959, \$1800.
MISSE, FREDERICK B., JR., Fellow, nine months from September 16, 1959, \$1500.
REUTER, FRANCIS T., Fellow, nine months from September 16, 1959, \$1500.
RICHARDS, JAMES O., Fellow, nine months from September 16, 1959, \$1500.
RIGGS, GEORGE T., Fellow, nine months from September 16, 1959, \$1500.
SMITH, RICHARD C., JR., Fellow, nine months from September 16, 1959, \$1500.
SMITH, WILDA M., Fellow, nine months from September 16, 1959, \$1500.
WEBB, BUDDY G., Fellow, nine months from September 16, 1959, \$1500.

Home Economics

- SMITH, JEAN A., General Foods Fund Fellow, nine months from September 16, 1959, \$3000.
SNOWDEN, JANE M., General Foods Fund Fellow, nine months from September 16, 1959, \$3000.

Italian

- BREMNER, ELLEN L., Fellow, nine months from September 16, 1959, \$1500.

Labor and Industrial Relations

- ESTOCK, JEROME H., Fellow, nine months from September 16, 1959, \$1500.

Law

- ELIASSON, ELIAS I., Fellow, nine months from September 16, 1959, \$1500.
INGMARSSON, JON, Fellow, nine months from September 16, 1959, \$1500.
OLAFSSON, JON A., Fellow, nine months from September 16, 1959, \$1500.
ROSQUIST, OLE K., Fellow, nine months from September 16, 1959, \$1500.

Library Science

- BARKER, DALE L., Katherine L. Sharp Fellow, nine months from September 16, 1959, \$600 (4-2-59).
DABNEY, PATRICIA A., Fellow, nine months from September 16, 1959, \$1500.
FELLER, SIEGFRIED, Fellow, nine months from September 16, 1959, \$1500.
GARRISON, GUY G., Fellow, nine months from September 16, 1959, \$1500.

Management

- PHILLIPS, JOHN P., Fellow, nine months from September 16, 1959, \$1500.

Mathematics

- CHAKRAVARTI, RENU, Fellow, nine months from September 16, 1959, \$1500.
CUDIA, DENNIS F., Fellow, nine months from September 16, 1959, \$1500.
GREENBLATT, ROBERT, Fellow, nine months from September 16, 1959, \$1500.
GROSSMAN, MARVIN W., Fellow, nine months from September 16, 1959, \$1500.
MITTMAN, CALVIN H., Fellow, nine months from September 16, 1959, \$1500.
RAO, CHIVUKULA R., Continental Oil Company Fellow, nine months from September 16, 1959, \$2200.
ROBINSON, IRVINE J., Fellow, nine months from September 16, 1959, \$1500.
SADAGURSKY, PAUL L., Fellow, nine months from September 16, 1959, \$1500.
SINGH, RAJINDER, Fellow, nine months from September 16, 1959, \$1500.
THOMAS, ROBERT L., Fellow, nine months from September 16, 1959, \$1500.

Mechanical Engineering

- BUTLER, JOHN S., Fellow, nine months from September 16, 1959, \$1500.
CLAUSING, ARTHUR M., Sperry Gyroscope Company Fellow, nine months from September 16, 1959, \$1800.
CZERNIK, DANIEL E., Fellow, nine months from September 16, 1959, \$1500.
HEIMBURG, RICHARD W., Ford Foundation Fellow (Trainee), nine months from September 16, 1959, \$2000.
HILL, JAMES L., Ford Foundation Fellow (Trainee), nine months from September 16, 1959, \$2000.

- KEAN, JEREMIAH H. B., JR., Ford Foundation Fellow (Trainee), nine months from September 16, 1959, \$2000.
RUQUIST, RICHARD D., Ford Foundation Fellow (Trainee), nine months from September 16, 1959, \$2000.
WEDEKIND, GILBERT L., Ford Foundation Fellow (Trainee), nine months from September 16, 1959, \$2000.
YELLIN, EDWARD L., Ford Foundation Fellow (Trainee), nine months from September 16, 1959, \$3000, supersedes (4-16-59).

Mining and Metallurgical Engineering

- BEAMAN, DONALD R., Inland Steel-Ryerson Foundation Fellow, nine months from September 16, 1959, \$2400 (4-21-59).
RATTI, GIUSEPPE, Fellow, nine months from September 16, 1959, \$1500.

Music

- BUCHANAN, GAIL K., Fellow, nine months from September 16, 1959, \$1500.
BUTLER, BARTLETT R., George A. Miller Fellow, nine months from September 16, 1959, \$2000.
FINFGELD, MRS. CAROLYN A., Fellow, nine months from September 16, 1959, \$1500.
KELLOGG, VIRGINIA K., Fellow, nine months from September 16, 1959, \$1500.
LUTZ, MARY E., Fellow, nine months from September 16, 1959, \$1500.
MCWILLIAMS, BURR M., Fellow, nine months from September 16, 1959, \$1500.
STOFFEL, RONALD A., Fellow, nine months from September 16, 1959, \$1500.
WARD-STEINMAN, DAVID, George A. Miller Fellow, nine months from September 16, 1959, \$2000.
WILSON, WENDY Y., Fellow, nine months from September 16, 1959, \$1500.

Nuclear Engineering

- WITTKKE, DAYTON D., Fellow, nine months from September 16, 1959, \$1500.

Philosophy

- COHEN, MENDEL F., Fellow, nine months from September 16, 1959, \$1500.
LAKIN, ROBERT D., Fellow, September 16, 1959-January 31, 1960, \$750.
SCHWARTZ, SANDRA L., Fellow, September 16, 1959-January 31, 1960, \$750.

Physics

- BURMAN, ROBERT L., Eastman Kodak Fellow, nine months from September 16, 1959, \$2000 (4-13-59).
BURTON, JOHN W., Fellow, nine months from September 16, 1959, \$1500.
FINNEMORE, DOUGLAS K., United States Steel Foundation Fellow, nine months from September 16, 1959, \$2500 (4-13-59).
HARRIS, SAMUEL M., Gulf Research and Development Company Fellow, nine months from September 16, 1959, \$2000 (4-13-59).
HENRY, CHARLES H., Fellow, nine months from September 16, 1959, \$1500.
HETHERINGTON, JACK H., Corning Glass Works Foundation Fellow, nine months from September 16, 1959, \$2000 (4-21-59).
KLEWER, KENNETH L., Fellow, nine months from September 16, 1959, \$1500.
MARTINO, FRANK, Fellow, nine months from September 16, 1959, \$1500.
MCKINLEY, JOHN M., General Electric Company Fellow, nine months from September 16, 1959, \$2500 (4-15-59).
MILLER, PETER B., Raytheon Manufacturing Company Fellow, nine months from September 16, 1959, \$2000 (4-13-59).
NAM, SANG B., Fellow, nine months from September 16, 1959, \$1500.
SINCERBOX, GLENN T., Fellow, nine months from September 16, 1959, \$1500.
SOOTS, VELLO, Fellow, nine months from September 16, 1959, \$1500.
WOJCIECHOWSKI, GENE H., Fellow, nine months from September 16, 1959, \$1500.
YOUNG, JOHN H., Fellow, nine months from September 16, 1959, \$1500.

Plant Pathology

- NENE, YESHWANT L., Fellow, nine months from September 16, 1959, \$1500.
RAMACHANDRAN, S., Wright Fellow, nine months from September 16, 1959, \$1500 (4-2-59).

Political Science

- GREEN, CHARLES R., Kendric C. Babcock Fellow, nine months from September 16, 1959, \$1800.
GREENHILL, H. GAYLON, Fellow, nine months from September 16, 1959, \$1500 (4-2-59).
LIEBMAN, CHARLES S., George A. Miller Fellow, nine months from September 16, 1959, \$2000.
TAI, H. C., Fellow, nine months from September 16, 1959, \$1500 (4-2-59).
TUCKER, JOSEPH B., University Fellow, nine months from September 16, 1959, \$1500 (4-13-59).
WETHERINGTON, GERALD T., James W. Garner Fellow, nine months from September 16, 1959, \$1800.
WILSON, THOMAS D., Fellow, nine months from September 16, 1959, \$1500.
WILSON, THOMAS D., John A. Fairlie Fellow, nine months from September 16, 1959, \$1800, supersedes (4-20-59).
WOOD, DAVID M., Kendric C. Babcock Fellow, nine months from September 16, 1959, \$2500 (4-2-59).
ZEIGLER, LUTHER H., JR., Kendric C. Babcock Fellow, nine months from September 16, 1959, \$1800.

Psychology

- BAILEY, JANET H., George A. Miller Fellow, nine months from September 16, 1959, \$2000.
FASS, PETER J., Fellow, nine months from September 16, 1959, \$1500.
HOSOIA, KAZUMASA, Fellow, nine months from September 16, 1959, \$1500.
KOPPMAN, JERRY W., Fellow, nine months from September 16, 1959, \$1500.
LINARI, MARION R., Fellow, nine months from September 16, 1959, \$1500.
MATTESON, HALSEY H., George A. Miller Fellow, nine months from September 16, 1959, \$2000.
PIORKOWSKI, MRS. GERALDINE K., Fellow, nine months from September 16, 1959, \$1500.

Social Work

- MYERS, LUCYMAE, Fellow, nine months from September 16, 1959, \$1500.
STUNTZ, JANE A., Fellow, nine months from September 16, 1959, \$1500.

Sociology

- COHEN, HARRY, Fellow, nine months from September 16, 1959, \$1500.
DOWNEY, KENNETH J., Fellow, nine months from September 16, 1959, \$1500.
SUTTLES, GERALD D., Fellow, nine months from September 16, 1959, \$1500.

Spanish

- ALLEY, ETHEL H., Fellow, nine months from September 16, 1959, \$1500.
FORSTER, MERLIN H., Fellow, nine months from September 16, 1959, \$1500.
REEDY, DANIEL R., University Fellow, February 1-June 15, 1960, \$750 (4-13-59).
SCHMIDT, RUTH A., Fellow, nine months from September 16, 1959, \$1500.
WHITE, MARCIA J., Fellow, nine months from September 16, 1959, \$1500.

Speech

- DAY, DENNIS G., Fellow, nine months from September 16, 1959, \$1500.
HOOPS, RICHARD A., Fellow, nine months from September 16, 1959, \$1500.
SLOAN, JOHN H., Fellow, nine months from September 16, 1959, \$1500.

Theoretical and Applied Mechanics

- FELTNER, CHARLES E., Fellow, nine months from September 16, 1959, \$1500.
GUBSER, JOHN L., Fellow, nine months from September 16, 1959, \$1500.
KEMP, EMORY L., Fellow, nine months from September 16, 1959, \$1500.
MOYAR, GERALD J., Fellow, September 16, 1959-January 31, 1960, \$750.
WEITAMAN, YECHIEL, Fellow, nine months from September 16, 1959, \$1500.

Veterinary Medical Science

- KAEBERLE, MERLIN L., Fellow, nine months from September 16, 1959, \$1500.

Zoology

CLARKE, RICHARD B., Fellow, nine months from September 16, 1959, \$1500.
 COSTELLO, DOLORES A., Fellow, nine months from September 16, 1959, \$1500.
 FORSYTH, NANCY J., Fellow, nine months from September 16, 1959, \$1500.
 ZIMMERMAN, JOHN L., Fellow, nine months from September 16, 1959, \$1500.

Chicago Professional Colleges

ARORA, BALRAJ K., University Fellow, nine months from September 1, 1959, \$2000 (4-9-59).
 BERG, DAVID H., University Fellow, nine months from September 1, 1959, \$1500 (4-9-59).
 EDWARDS, JOHN R., University Fellow, nine months from September 1, 1959, \$1500 (4-9-59).
 HEWITSON, RICHARD E., University Fellow, nine months from September 1, 1959, \$1500 (4-9-59).
 MAILMAN, DAVID S., University Fellow, nine months from September 1, 1959, \$1500 (4-9-59).
 SALERNI, ORESTE, University Fellow, nine months from September 1, 1959, \$1800 (4-9-59).
 STEWART, ANN, University Fellow, nine months from September 1, 1959, \$1500 (4-9-59).
 WASSMER, ELIZABETH L., University Fellow, nine months from September 1, 1959, \$1500 (4-9-59).
 ZOMENO, MARIANO, D. J. Davis Fellow, one year from July 1, 1959, \$3600 (4-2-59).

RESIGNATIONS AND DECLINATIONS

ANDERSON, WILLIAM R., Assistant Professor of Physics (Chicago Undergraduate Division) (Summer Session) — declination effective June 19, 1959.
 BERG, DAVID H., University Fellow in the Chicago Professional Colleges — declination effective September 1, 1959.
 DANIELS, RALPH, Associate Professor of Chemistry (Pharmacy) (Summer Session) — declination effective June 22, 1959.
 GEORGIS, LOUIS G., Fellow in the Chicago Professional Colleges — resignation effective April 1, 1959.
 GOLDBERG, JACK L., Continental Oil Company Fellow in Mathematics — resignation effective April 1, 1959.
 GOULD, PHILLIP L., Fellow in Civil Engineering — declination effective February 1, 1960.
 GRIFFITH, JERRY, Assistant in the University Speech Clinic (Summer Session) — declination effective June 15, 1959.
 HOFFMAN, GERALD K., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges) — resignation effective April 1, 1959.
 HOPKINS, MORRIS K., Fellow in History — resignation effective April 7, 1959.
 LEVY, LAWRENCE S., Assistant in Mathematics (Summer Session) — declination effective June 15, 1959.
 LOWENSTEIN, JOSEPH R., Fellow in Accountancy — resignation effective April 7, 1959.
 MCIVOR, MRS. DOROTHY F., Instructor in Home Economics Extension (E) — resignation effective June 27, 1959.
 MINKOFF, CORINNE G., United States Public Health Service Fellow (Trainee) in Social Work — resignation effective April 1, 1959.
 PACE, RALPH C., Fellow in History — resignation effective April 16, 1959.
 SALVATORE, JOSEPH, Research Assistant in the Control Systems Laboratory (S) — resignation effective June 25, 1959.
 SCARAVELLI, GEORGE, Instructor in Pathology (Medicine) — resignation effective May 16, 1959.
 TIPLER, MRS. SUZANNE, Reference Assistant in the Library — resignation effective July 1, 1959.
 YOUNG, GEORGE A., Associate Professor of Civil Engineering (C) — resignation effective April 13, 1959.

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, from June 15, 1959, through June 14, 1960, so that he may continue his work with the Physical Science Study Committee Program.

FRAMPTON, GEORGE T., Professor of Law — leave of absence, without pay, for the academic year 1959-60, so that he may accept the invitation to teach at the Law School of the University of California at Berkeley.

FULLER, HARRY J., Professor of Botany — leave of absence, without pay, beginning March 1, 1959, and continuing until further notice, on account of disability.

HAMILTON, NORMAN T., Assistant Professor of Mathematics — extension of leave of absence, without pay, for the academic year 1959-60, in order that he may continue his research work in algebraic geometry, at Johns Hopkins University.

KLUTE, ARNOLD, Associate Professor of Soil Physics (Agronomy), in the College of Agriculture and in the Agricultural Experiment Station — leave of absence, without pay, for six months beginning September 1, 1959. This is in addition to his sabbatical leave of absence beginning March 1, 1960.

TRUMP, J. LLOYD, Professor of Education, and Head of Teacher Placement on the University Council on Teacher Education — continuation of leave of absence on $\frac{5}{6}$ time, without pay, for the academic year beginning September 1, 1959, so that he may continue to serve as Director of the Commission on Experimental Study of the Utilization of Staff in the Secondary School.

CHANGES IN SABBATICAL LEAVES OF ABSENCE

DAVIS, NUEL P., Assistant Professor of English, sabbatical leave of absence granted him for 1959-60 changed to leave for the second semester on full pay.

HAYS, RAY L., Assistant Professor of Physiology, in the Department of Dairy Science, in the College of Agriculture and in the Agricultural Experiment Station, sabbatical leave of absence for the academic year 1959-60 cancelled without prejudice.

KELLY, J. ROBERT, Associate Professor of Music, sabbatical leave of absence for the academic year 1959-60 cancelled without prejudice.

JULY MEETING

On motion of Mr. Johnston, the Board voted to hold its July meeting on July 21, 1959.

On motion of Mr. Swain, the Board voted to hold this meeting in Urbana, at an hour and place to be determined by the President and the Secretary of the Board.

ADDRESS BY PROFESSOR GEORGE C. McVITTIE

President Henry introduced Professor George C. McVittie, Head of the Department of Astronomy, who addressed the Board on the subject of the radio telescope which is being developed by his Department, illustrating his presentation with a model of the project.

FOOD SERVICE AWARD

President Henry and Mr. Vernon L. Kretschmer, Director of Housing, reported on an award received by the University from *Institutions Magazine*, in its 1959 annual food service contest, for the design and installations of the food service equipment in the Gregory Drive Residence Halls. A memorandum giving the details of this award has been filed with the Secretary for record.

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

June 23, 1959



The June meeting of the Board of Trustees of the University of Illinois was held in the LaSalle Hotel, Chicago, Illinois, on Tuesday, June 23, 1959, beginning at 3:00 p.m., central daylight saving time.

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. Kenney E. Williamson. Governor William G. Stratton and Mr. George T. Wilkins were absent.

Also present were President David D. Henry, Vice-President and Provost Gordon N. Ray, Dr. H. E. Longenecker, Vice-President in charge of the Chicago Professional Colleges, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Dean Granville A. Bennett of the College of Medicine, Director C. S. Havens of the Physical Plant Department, Mr. Donald E. Dickason, Director of Non-academic Personnel, Mr. Ralph F. Lesemann, Legal Counsel, Professor Rubin G. Cohn of the College of Law, 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, and Mr. A. J. Janata, Secretary.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of the Board of Trustees on February 19, 1959, 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 285 to 338, 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, 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>
LIONEL AXELROD	Peoria	District of Columbia
WILLIAM FRANCIS BEY	Chicago	District of Columbia
CHARLES RAYMOND BOWMAN	Peoria	Indiana
JAMES MICHAEL BURNS	North Riverside	District of Columbia
HAROLD LEONARD CHAPMAN	Evanston	District of Columbia
HOWARD S. GOSS	Chicago	District of Columbia
ALBERT ROY GRAHAM	Palatine	District of Columbia
H. LEE HOPWOOD	Springfield	District of Columbia
JAMES HOWARD LANHAM	Bethesda, Maryland	District of Columbia
JUNE R. OTA	Chicago	District of Columbia
LESLIE MORROW PENNY	New Castle, Pennsylvania	Ohio
RICHARD ALLEN SNYDER	Chicago	Texas

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. JULIUS H. CAHN, Associate Professor of Electrical Engineering and of Physics, beginning September 1, 1959, at an annual salary of \$11,000 (AY).
2. JOHN W. CHRISTIAN, Visiting Associate Professor of Metallurgy, in the Department of Mining and Metallurgical Engineering, for one and one-half months from July 1, 1959, at a salary of \$1,350 (G).
3. ULRICH E. KRUSE, Assistant Professor of Physics, beginning September 1, 1959, at an annual salary of \$8,500 (D).
4. CHARLES KUPER, Research Assistant Professor of Physics, for six months from May 1, 1960, at a salary of \$4,200 (G).
5. BRUNO LEON, Assistant Professor of Architecture, beginning September 1, 1959, at an annual salary of \$7,500 (B).
6. WILLIAM J. O'CONNELL, Assistant Professor of Architecture, beginning September 1, 1959, at an annual salary of \$8,000 (B).
7. SERGIO RODRIGUEZ, Research Assistant Professor of Physics, beginning September 1, 1959, at an annual salary of \$7,500 (DY).
8. SHAO LEE SOO, Professor of Mechanical Engineering, beginning September 1, 1959, at an annual salary of \$11,000 (A).
9. DALE STEFFENSEN, Visiting Associate Professor of Botany, for the second semester of 1959-60, at a salary of \$5,000 (E).
10. VICTOR J. TENNERY, Research Assistant Professor of Ceramic Engineering, for two and one-half months from June 16, 1959, at a salary of \$1,770 (G).

11. ANTHONY VINCI, Assistant Professor of Hygiene and Physician to McKinley Hospital and the Health Center, beginning September 1, 1959, at an annual salary of \$12,000 (DY).

Appointments to Nonacademic Staff

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

1. LEOVIGILDA A. CRISOLOGO, Food Service Supervisor in the Research and Educational Hospitals Dietary Department, at the rate of \$4,200 per annum, effective April 1, 1959.
2. GLADYS A. JOHNSON, Dietitian in the Research and Educational Hospitals, at the rate of \$4,800 per annum, effective April 1, 1959.
3. NANCY T. WATTS, Staff Physical Therapist in the Research and Educational Hospitals, Physical Medicine and Rehabilitation, at the rate of \$5,100 per annum, effective May 18, 1959.
4. SALLY A. WEIDENKOFF, Staff Physical Therapist in the Research and Educational Hospitals, Physical Medicine and Rehabilitation, at the rate of \$4,200 per annum, effective April 1, 1959.

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

CHAIRMANSHIP OF THE DEPARTMENT OF BOTANY

(3) Professor John R. Laughnan, who has been serving as Chairman of the Department of Botany since 1955, has asked to be relieved of this administrative assignment at the end of the current academic year, and I have approved his request. He will remain in the Department as Professor of Botany.

The Dean of the College of Liberal Arts and Sciences recommends the appointment of Dr. Wilson N. Stewart, a member of the Department, as Professor of Botany on indefinite tenure and as Chairman of the Department for two years beginning September 1, 1959. The salary of this position will be determined when the budget for the academic year 1959-60 is submitted to the Board for approval.

The nomination of Professor Stewart has been made after consultation with the Executive Committee of the Department and has the endorsement of the Vice-President and Provost and the Dean of the Graduate College.

I recommend approval.

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

SCHOOL OF LIFE SCIENCES IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES

(4) The faculty of the College of Liberal Arts and Sciences and the Urbana Senate recommend establishment within the College of a School of Life Sciences, to include the Departments of Bacteriology, Botany, Entomology, Physiology, and Zoology. The School will be under the administration of a Director to be appointed biennially by the Board of Trustees on recommendation of the Dean of the College and the President of the University, and will be under the general direction of the faculty of the College. The internal organization of the School and the responsibilities of its officers and committees will be determined by the faculty of the College upon recommendation of the Executive Committee of the School and after approval by the faculties of the respective departments.

The main purpose of the School will be to coordinate activities of member departments within the College, to promote cooperation between those departments and biologists in other colleges of the University, and to advance the interests of those departments in relation to agencies outside the University. It will administer the interdepartmental facilities that serve those departments.

The Chicago Professional Colleges Senate has been consulted and approves the proposal. The Senate Coordinating Council indicates that no other Senate jurisdiction is involved.

I concur.

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

DIRECTOR OF SCHOOL OF LIFE SCIENCES

(5) The Dean of the College of Liberal Arts and Sciences recommends the appointment of Professor H. Orin Halvorson, Head of the Department of Bacteri-

ology, as Professor of Bacteriology on indefinite tenure and Director of the School of Life Sciences for two years from September 1, 1959. This recommendation is supported by the faculties of the departments in the School, the Executive Committee of the College, the Dean of the Graduate College, and the Vice-President and Provost. For the time being, Professor Halvorson will continue to serve as Head of the Department of Bacteriology. The salary of his position as Director will be determined when the budget for 1959-60 is submitted to the Board of Trustees for approval.

I concur in this recommendation.

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

APPOINTMENTS OF ASSOCIATE DEAN OF STUDENTS AND DEAN OF MEN

(6) An inevitable consequence of the increasing enrollment is the need for additional administrative, as well as teaching, staff, and this has been reflected in the Office of the Dean of Students. It is necessary for this office to have additional staff to maintain its normal services to students. Formerly the organization of the Dean of Students Office included the position of Associate Dean of Students, but this has not been filled for five years and was, in fact, discontinued.

The Dean of Students recommends the appointment of Mr. Edward E. Stafford, now Dean of Men, as Associate Dean of Students for two years, effective September 1, 1959, at an annual salary of \$12,000. Mr. Stafford has demonstrated special abilities in working with groups and in public functions areas with which the office is associated. He can give needed service in this new position, relieving the Dean of Men of certain group functions and the Dean of Students of other work which would be assigned to the Associate Dean's position.

The Dean of Students also recommends the appointment of Dr. Carl W. Knox, presently Dean of Men at Miami University, as Dean of Men for two years from September 1, 1959, at an annual salary of \$12,750 (on BY basis). Mr. Knox is a former member of the University of Illinois staff and has had wide experience in personnel work at other universities.

I concur in these recommendations.

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

APPOINTMENT TO THE BOARD OF DIRECTORS OF THE ATHLETIC ASSOCIATION

(7) The death of Dean Robert B. Browne leaves a vacancy in the faculty membership of the Board of Directors of the Athletic Association. To fill this vacancy, I nominate Dr. Leslie A. Bryan, Professor of Management and Director of the Institute of Aviation, the appointment to become effective immediately, to serve until the next annual meeting of the Board in March, 1960.

Director Bryan has also been appointed faculty representative of the University of Illinois in the Intercollegiate Conference of Faculty Representatives, a post which Dean Browne held for many years.

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

CLINICAL CURRICULUM IN COLLEGE OF MEDICINE

(8) The Chicago Professional Colleges Senate recommends authorization of a revised clinical curriculum in the College of Medicine which will add an additional quarter, effective for the summer quarter of 1961, to the present program.

Objectives of the Proposed Curriculum

1. Provide an opportunity for further development of the clerkship programs during the third year by reorganizing the clinical lecture program so that the average working day on the wards is no longer limited by 8:00 a.m. and 4:00 p.m. lectures. This distribution of lectures has made it impossible for students to participate effectively in surgical procedures, obstetric deliveries, early-morning ward rounds, and the management of the acutely ill patient.
2. Provide opportunities for students to observe the course of patients' illnesses over longer periods of time, particularly in the outpatient departments.
3. Maintain the current student-instructor ratios in the outpatient departments and elsewhere, in spite of increased enrollment in the College of Medicine effected in 1956 and 1958.

4. Combine the junior and senior pediatrics programs into a block clerkship to be given during the junior year.
5. Combine the junior and senior programs in obstetrics and gynecology into a block clerkship to be given during the senior year.
6. Establish sufficient flexibility in the clinical curriculum to enable students to obtain experience in special fields of interest or, in the instances of students with records of high achievement, to undertake more advanced programs including investigative work.
7. Provide for an increase in the students' clinical orientation prior to arrival on the clerkships.
8. Eliminate the difficulties in the current curriculum which now prevent all students from having an opportunity to obtain outpatient department experience in both psychiatry and neurology.
9. Provide for some patient-centered experience in preventive medicine and public health and in radiology.
10. Provide further opportunities for an inter-disciplinary approach to the teaching of medicine.

Outline for a New Clinical Curriculum

It is proposed that the new clinical curriculum include a three-quarter junior year. There would be one quarter of surgery, during which one hour a week would be used for a joint program between the Department of Surgery and two or more of the preclinical departments in the basic sciences; one quarter of medicine, including one-half day a week for psychiatry; and one quarter of pediatrics, including six hours for pediatric ophthalmology, six hours for pediatric otolaryngology, and one half-day each week for psychiatry.

The senior year would consist of four quarters. One quarter would consist of a clerkship in obstetrics and gynecology. A second quarter would be devoted to six weeks of medical clerkship and six weeks of surgical clerkship, including orthopaedics and anesthesiology. During both the surgical and medical clerkships of this quarter, the students would have one half-day period a week of preventive medicine. A third quarter would be devoted to outpatient department clerkships in dermatology, medicine, psychiatry, surgery, and a period for surgical anatomy. The final quarter would be devoted to opportunities for alternative programs. All students would be required to be actively and intellectually engaged in pursuits related to the subject matter of medicine. This requirement might be fulfilled by research and/or advanced study in the Graduate College.

This curriculum will provide for a lecture program in the clinical subjects to be distributed in accord with the recommendations of the Committee on Instruction as approved by the faculty of the College of Medicine.

Summary

This curriculum was formulated by the Committee on Instruction and endorsed with minor changes by the Executive Committee of the College of Medicine prior to approval by the Senate of the Chicago Professional Colleges. It may be pointed out that the changes in schedule embodied in this recommended curriculum will provide for the fuller use on a twelve-month basis of the clinical facilities (outpatient and inpatient services) of the teaching hospitals included in the University of Illinois Research and Educational Hospitals.

As stated in the opening paragraph, it is proposed that the effective date of the additional quarter to the senior year's program be in 1961 so that it will affect only those students now in their first year and, of course, all future incoming students. If the curriculum is approved, the College of Medicine will notify students accepted for enrollment in the fall of 1959 and applicants for admission in subsequent years. Since it is possible for students in good standing to seek transfer to other medical schools during their sophomore year, it is unlikely that any student whose study of medicine would be seriously jeopardized by eliminating the opportunity for summer employment between the junior and senior year would be seriously handicapped by making the change in requirements effective in 1961.

This revised curriculum has been reviewed by the Senate Coordinating Council which has indicated that no other Senate jurisdiction is involved.

I recommend authorization of this curriculum, and that its implementation be subject to the availability of funds.

On motion of Mrs. Watkins, this recommendation was approved.

CURRICULUM IN PHARMACY

(9) The Chicago Professional Colleges Senate recommends authorization of a revised curriculum in Pharmacy leading to the degree of Bachelor of Science in Pharmacy which will add a fifth year to the present curriculum, effective with the class entering in the fall of 1960. This change is in accord with the recommendation of the American Council on Pharmaceutical Education.

Admission Requirements

To qualify for admission to the College of Pharmacy, an applicant must be a graduate of an accredited secondary school, or have equivalent preparation, and have satisfactorily completed not less than thirty semester hours or forty-five quarter hours of academic work, exclusive of hygiene, physical education, or military science, in an accredited college, junior college, or university.

College Requirements

College work submitted to meet the entrance requirements of the College of Pharmacy must include the listed minimum credit in the following courses: Inorganic Chemistry, including Qualitative Analysis, eight semester hours; College Algebra, three semester hours; Plane Trigonometry, two semester hours; English Composition, six semester hours.

Courses elected to complete the required thirty semester hours should not include courses offered in the College of Pharmacy, but should be selected to increase the social and cultural background of the student. If credit in courses required in the College of Pharmacy curriculum is used for admission, the student must elect an equivalent number of hours in elective courses.

Applicants entering from institutions other than the University of Illinois must have a grade-point average of at least 3.0 in terms of the grading system of the University of Illinois. Students entering the College of Pharmacy from other colleges within the University of Illinois must be eligible for continued registration in that college. An applicant who is otherwise qualified but whose grade-point average for his last semester is less than 3.0 will be admitted on a probationary status. Students who have been dropped for poor scholarship at the last institution they attended will not be eligible for admission to the College of Pharmacy.

Requirements for Graduation

Completion of the prescribed curriculum totaling 189 quarter hours comprising 162 quarter hours in subjects required of all students and twenty-seven quarter hours in approved elective courses. The general requirement of the University of Illinois with respect to grade-point averages to be achieved shall be observed.

This revised curriculum has been reviewed by the Senate Coordinating Council which has indicated that no other Senate jurisdiction is involved.

Submitted herewith is a statement from the Dean of the College of Pharmacy explaining the objectives of the new curriculum, a copy of which is being filed with the Secretary of the Board for record. A summary of the complete curriculum will also be filed with the Secretary of the Board for record.

I recommend authorization of this curriculum and that its implementation be subject to the availability of funds.

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

GRADUATE PROGRAM IN FINANCE

(10) The Urbana Senate recommends authorization of a program leading to the degree of Doctor of Philosophy in Finance. The Department of Economics formerly offered graduate work in finance before the Department of Finance was established in 1957, and the new program now recommended is therefore a consequence of the division of Economics into separate departments.

Admission Requirements

A scholastic average of at least 3.5 for the last sixty semester hours; at least twenty-seven hours of undergraduate work in social sciences, fifteen hours of which must have been in economics (including a course in principles of economics, a course in statistics, and other courses for which the course in principles is a prerequisite); sufficient background in the area of finance and related fields.

Degree Requirements

General requirements specified by the Graduate College including credit, residence, foreign languages, the preliminary and final examinations, and thesis.

The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved in this question.

I concur.

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

GRADUATE SCHOOL OF LIBRARY SCIENCE

(11) The Dean of Library Administration and Director of the Library School recommends, and the Executive Committee of the Graduate College concurs, that the name of the Library School be changed to the Graduate School of Library Science. This change in name is appropriate as the Library School offers instruction at the graduate level and will be an educational part of the Graduate College.

I concur.

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

GRADUATE PROGRAM IN PHYSICAL EDUCATION

(12) The Urbana Senate recommends authorization of a graduate program in Physical Education leading to the degree of Master of Arts in Dance.

This program will offer advanced work in choreography, dance production, and pedagogy with some specialization in the related fields of art, drama, and music. It will be an interdisciplinary project involving, in addition to Physical Education, the Departments of Art and Speech and the School of Music.

Admission Requirements

A minimum grade average of 3.5 during the last sixty semester hours of undergraduate work completed;

Twenty-four semester hours of approved undergraduate credit in dance (a minimum of eight hours in this field), art, music, physical education, and theater. Applicants lacking a portion of these prerequisites may substitute certified experience in dance but not to exceed eight semester hours;

Thirty-six semester hours in humanities (language, literature, philosophy), natural sciences (biological and physical sciences), and social sciences (anthropology, education, history, political science, psychology, sociology).

Degree Requirements

The general requirements of the Graduate College must be met. Of the eight units required for the master's degree, four must be in dance or in dance and related areas such as art, dramatics, music, physical education, recreation, and speech; two units must be in one or more of the following fields: anthropology, English, history, philosophy, psychology, or sociology. A candidate for this degree must also take Dance 490, Seminar, for one semester (no credit); and must present an acceptable thesis. With the approval of the adviser, the thesis may be waived, but in lieu thereof, the candidate must submit two additional units of credit plus a recital of solo and group dances which he has choreographed and staged.

The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved in this question.

I concur.

On motion of Mrs. Watkins, this recommendation was approved; Mr. Herrick voted no.

LIMITATIONS ON GRADUATE STUDY OF UNIVERSITY EMPLOYEES

(13) University regulations specify the maximum amount of graduate study for which teaching and research staff may enroll. However, the Board of Trustees on September 18, 1956, authorized, for the three-year period 1956-59, a special discretionary schedule of graduate work which may be approved in exceptional cases by the Graduate College.

The Dean of the Graduate College recommends, and the Vice-President and Provost and I concur, that this authorization of exceptions to the standard schedule be extended to September, 1963.

On motion of Mrs. Watkins, this recommendation was approved.

DEPARTMENT OF MICROBIOLOGY

(14) The faculty of the College of Liberal Arts and Sciences recommends that the Department of Bacteriology be changed to Department of Microbiology. A similar change was made in the name of the Department of Bacteriology in the College of Medicine in 1957.

The Urbana Senate Committee on Educational Policy has also approved the change and has expressed the opinion that Senate action is not required.

I concur.

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

HOSPITAL-MEDICAL-SURGICAL INSURANCE FOR STUDENTS AND STAFF

(15) Bids have been received for the student and staff hospital-medical-surgical insurance programs at Urbana-Champaign and at the Chicago Undergraduate Division for the 1959-61 biennium with the right reserved by the University to renew such insurance annually thereafter upon mutual agreement between the insurance carrier and the University.

The recommended student program at the Urbana campus provides the following improved benefits over existing coverages:

The per diem room and board allowance is increased from \$11.00 to \$14.00 except for confinements at McKinley Hospital where \$11.00 will continue to apply. Benefits for surgical procedures involving dislocations, fractures, and joint and bone operations are increased by one-third.

Maternity benefits are increased from \$85.00 to \$100.00.

The recommended student program at the Chicago Undergraduate Division to meet the special problems there provides these improvements in benefits over present coverages:

The per diem room and board allowance is increased from \$15.00 to \$18.00.

Daily allowance for physician's visits is increased from \$4.00 to \$5.00.

Benefits for surgical procedures involving dislocations, fractures, and joint and bone operations are increased by one-third.

Catastrophe benefit is to be payable after the insured pays 25 per cent, rather than 50 per cent, of the amount allowed under the base plan coverage.

Maternity benefits are increased from \$85.00 to \$100.00.

Office calls at \$2.00 each to maximum of \$10.00 added under the clause covering illness where hospitalization is not required.

The recommended staff plan has benefits improved in the following areas:

The per diem room and board allowance is increased from \$10.00 to \$14.00.

Daily allowance for physician's visits is increased from \$3.00 to \$4.00.

Benefits for surgical procedures involving dislocations, fractures, and joint and bone operations are increased by one-third.

Allowance is to be made for charges of private, registered nurses in catastrophe claims.

Maternity benefits are increased from \$85.00 to \$100.00.

Bids were also received as an alternate on the present benefits under all three plans. The improved plans are recommended because of the greater benefits to be realized for a nominal additional premium, which give a greater insurance value.

Three companies submitted bids: Bankers Life and Casualty Company, the present carrier, Continental Casualty Company, a former carrier, and Federal Life Insurance Company, which has never quoted in the past, and which submitted the lowest bids for each of the plans and alternates asked by the University.

It is recommended that contracts for the Urbana student, Chicago Undergraduate Division student, and Urbana staff plans be awarded to Federal Life Insurance Company, lowest bidder for each of the three programs.

To finance the student plans, it is recommended that the Hospital-Medical-Surgical Insurance fee be increased from \$7.00 to \$8.00 a semester and that the Laboratory, Library, and Supply fee be decreased from \$11.00 to \$10.00 a semester. The Committee on Fees concurs in this recommendation.

The recommended charges to students and staff for this insurance protection would reflect the following premiums:

<i>Student Plan</i>	<i>Semester</i>	<i>Year</i>	
Student.....	\$ 8 00	\$24 00	
Spouse.....	12 00	36 00	
Children.....	8 00	24 00	
<i>Staff Plan</i>	<i>Quarterly</i>	<i>Semiannual</i>	<i>Annual</i>
Employee.....	\$ 8 25	\$16 25	\$33 25
Employee and One Dependent.....	15 00	29 75	59 25
Family.....	17 50	34 75	69 25

On the basis of these rates, the plans will operate on a self-sustaining basis. The excess over the cost of the coverage would be used by the University to defray the administrative cost of the three programs.

I concur in the recommendation for the award of these contracts.

On motion of Mr. Herrick, these contracts were awarded as recommended.

EASEMENT FOR GAS PIPE LINE TO MARRIED STUDENTS APARTMENTS

(16) The Director of the Physical Plant and the Vice-President and Comptroller recommend that an easement ten feet wide beginning at Orchard Street and Florida Avenue, Urbana, and continuing around the site of the married students apartments, be granted the Illinois Power Company to lay, operate, and maintain a pipe line for delivery of gas to the buildings.

I recommend that the Comptroller and the Secretary of the Board be authorized to execute such an easement.

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

FINANCING OF RESIDENCE HALL FOR GRADUATE STUDENTS

(17) Bids were received at 11:00 a.m. today, June 23, for the sale of Housing Revenue Bonds of 1959, to finance the construction of the first unit of residence halls for single graduate students.

No bids were received from private companies for the Series B bonds in the amount of \$1,530,000. One bid was received for \$110,000 Series A bonds.

The Vice-President and Comptroller recommends that:

1. The Loan Agreement with the Housing and Home Finance Agency, as submitted herewith, be approved and that the action of the Comptroller and Secretary in executing the Loan Agreement be ratified and confirmed.
2. The Series A bonds in the amount of \$110,000 be sold to White, Weld and Company at a price of \$107,000.05 and at an effective interest rate of 4.2156 per cent, which represents the lowest interest cost to the University.
3. The \$1,530,000 of Series B bonds be sold to the Housing and Home Finance Agency at an interest cost of 2½ per cent in accordance with, and pursuant to, the above mentioned Loan Agreement.
4. The construction contract for \$1,349,000 be awarded to Felmley-Dickerson Company, Urbana.
5. The advance of Housing Division reserves to finance construction prior to the delivery of bonds, as authorized by the Board on April 14, be increased from \$100,000 to \$200,000 in order that the contractor may proceed with construction.
6. All actions of the Comptroller in connection with the loan application and advertisements for bid on the bonds be confirmed and approved.
7. The firm of Chapman and Cutler be retained as bond counsel for this issue.
8. The First Supplemental Housing Revenue Bond Resolution as submitted herewith be approved.

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

First Supplemental Housing Revenue Bond Resolution

Supplementing Resolution Approved December 17, 1958, and Creating \$110,000 Housing Revenue Bonds of 1959, Series A, and \$1,530,000 Housing Revenue Bonds of 1959, Series B.

A RESOLUTION CREATING AND AUTHORIZING THE ISSUE, AUTHENTICATION, AND DELIVERY OF \$110,000 HOUSING REVENUE BONDS OF 1959, SERIES A, AND \$1,530,000 HOUSING REVENUE BONDS OF 1959, SERIES B, AND 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, 1957, 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 under the terms of said Original Resolution did create and issue an initial issue of Bonds in the aggregate principal amount of \$3,150,000 consisting of Bonds designated "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1958, Series A," and "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1958, Series B," in the principal amounts of \$1,625,000 and \$1,525,000, respectively; 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 \$1,640,000 at any one time outstanding, \$110,000 of which shall be known as "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1959, Series A" (hereinafter called "1959 Series A Bonds") and \$1,530,000 of which shall be known as "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1959, Series B" (hereinafter called "1959 Series B 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 B hereinafter mentioned) contained in Section 5.01 of the Original Resolution is hereby ratified and confirmed and all revenues to be derived from the operation of Project B 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 be and the same is hereby increased by an amount equal to \$35,000 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) \$150,000 plus such additional sums as may be specified in any other resolution supplemental to the Original Resolution as supplemented hereby, creating or authorizing the issuance of additional Bonds.

ARTICLE TWO

1959 SERIES A BONDS AND 1959 SERIES B BONDS, AND THE ISSUANCE THEREOF

SECTION 2.1. *Project B and Purpose of Issue of Bonds.* The project (hereinafter designated "Project B") to be acquired, constructed, equipped and completed pursuant to this First Supplemental Resolution is described in a general way as:

A seven-story residence hall with a three-story wing, without dining facilities, to house approximately 307 single graduate students to be located at 1010 West Green Street, Urbana, Illinois.

The estimated cost of said Project B is \$1,640,000 exclusive of land and exclusive of any pro rata share of the University power and heating plant serving the project and the estimated cost of each portion of said Project B 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 B that the University borrow the sum of \$1,640,000 and in evidence thereof to issue its Housing Revenue Bonds hereunder in said principal amount.

SECTION 2.2. *Terms of 1959 Series A Bonds and 1959 Series B Bonds.* There is hereby created and authorized two additional series of Bonds to be issued under the Original Resolution as supplemented by this First 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 One Million Six Hundred Forty Thousand Dollars (\$1,640,000) at any one time outstanding. One Hundred Ten Thousand Dollars (\$110,000) of which shall be designated "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1959, Series A" (hereinafter called "1959 Series A Bonds"), and the remaining One Million Five Hundred Thirty Thousand Dollars (\$1,530,000) principal amount thereof shall be designated "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1959, Series B" (hereinafter called "1959 Series B Bonds").

The 1959 Series A Bonds and the 1959 Series B Bonds shall be issued as negotiable coupon Bonds dated April 1, 1959, 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, 1959, in which case they shall be dated April 1, 1959. 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, 1959, payable semi-annually on the first days of April and October in each year until paid, commencing October 1, 1959, at the rates provided below and shall mature in the following amounts on October 1 of the following years:

Year of Maturity	1959 Series A Bonds		1959 Series B Bonds	
	Amount	Interest Rate	Amount	Interest Rate
1961.....	\$ 10,000	5%	\$ 15,000	2 ³ / ₈ %
1962.....	10,000	5%	15,000	2 ³ / ₈ %
1963.....	10,000	5%	15,000	2 ³ / ₈ %
1964.....	10,000	5%	15,000	2 ³ / ₈ %
1965.....	10,000	5%	15,000	2 ³ / ₈ %
1966.....	15,000	5%	15,000	2 ³ / ₈ %
1967.....	15,000	5%	15,000	2 ³ / ₈ %
1968.....	15,000	2%	15,000	2 ³ / ₈ %
1969.....	15,000	2%	15,000	2 ³ / ₈ %
1970.....	.....	.....	30,000	2 ³ / ₈ %
1971.....	.....	.....	30,000	2 ³ / ₈ %

<i>Year of Maturity</i>	<i>1959 Series A Bonds</i>		<i>1959 Series B Bonds</i>	
	<i>Amount</i>	<i>Interest Rate</i>	<i>Amount</i>	<i>Interest Rate</i>
1972.....	\$	\$ 30,000	2 7/8%
1973.....	35,000	2 7/8%
1974.....	35,000	2 7/8%
1975.....	35,000	2 7/8%
1976.....	35,000	2 7/8%
1977.....	40,000	2 7/8%
1978.....	40,000	2 7/8%
1979.....	40,000	2 7/8%
1980.....	40,000	2 7/8%
1981.....	45,000	2 7/8%
1982.....	45,000	2 7/8%
1983.....	45,000	2 7/8%
1984.....	45,000	2 7/8%
1985.....	50,000	2 7/8%
1986.....	50,000	2 7/8%
1987.....	50,000	2 7/8%
1988.....	50,000	2 7/8%
1989.....	55,000	2 7/8%
1990.....	55,000	2 7/8%
1991.....	55,000	2 7/8%
1992.....	60,000	2 7/8%
1993.....	60,000	2 7/8%
1994.....	65,000	2 7/8%
1995.....	65,000	2 7/8%
1996.....	70,000	2 7/8%
1997.....	70,000	2 7/8%
1998.....	70,000	2 7/8%
	<u>\$110,000</u>		<u>\$1,530,000</u>	

The 1959 Series A Bonds are not subject to redemption prior to maturity. The 1959 Series B 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, 1969, or on any interest payment date thereafter 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, 1969 through October 1, 1973.....	3 %
April 1, 1974 through October 1, 1978.....	2 1/2 %
April 1, 1979 through October 1, 1983.....	2 %
April 1, 1984 through October 1, 1988.....	1 1/2 %
April 1, 1989 through October 1, 1993.....	1 %

All redemptions made on and after April 1, 1994, shall be without premium and 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 1959 Series A and 1959 Series 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 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 1959 Series A and 1959 Series B, the interest coupons to be attached thereto, the form of fully registered Bonds without coupons of 1959 Series A and 1959 Series B, 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 1959
 (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 October 1, 1959, and semi-annually 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 hercof 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 1959, Series, which, with the 1959 Series Bonds constitute an issue of One Million Six Hundred Forty Thousand Dollars (\$1,640,000), issued and 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 a First Supplemental Resolution duly adopted, 1959 (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.

(1959 Series A Bonds Only)

[The bonds of this series are not subject to redemption at the option of The Board of Trustees of the University of Illinois prior to maturity.]

(1959 Series B Bonds Only)

[The bonds of this series are redeemable prior to maturity as a whole or in part on April 1, 1969, 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, 1969, through October 1, 1973; two and one-half per cent (2½%) of the principal amount thereof if redeemed April 1, 1974, through October 1, 1978; two per cent (2%) of the principal amount thereof if redeemed April 1, 1979, through October 1, 1983; one and one-half per cent (1½%) of the principal amount thereof if redeemed April 1, 1984, through October 1, 1988; one per cent (1%) of the principal amount thereof if redeemed on April 1, 1989, through October 1, 1993; and without premium if redeemed on April 1, 1994, 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 published and of general circulation in the City of Chicago and also in a financial newspaper 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 moneys 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, 1957, 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 \$150,000 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 (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 signature of its President and signed by 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, 1959.

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 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 1959, Series _____, dated _____, 1959, 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 1959

(Series.....)

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 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, 1959, 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 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 1959, Series _____, which with the Series _____ Bonds constitute an issue of One Million Six Hundred Forty Thousand Dollars (\$1,640,000), issued and 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 a First Supplemental Resolution duly adopted _____, 1959 (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.

(1959 Series A Bonds Only)

[The bonds of this series are not subject to redemption at the option of The Board of Trustees of the University of Illinois prior to maturity.]

(1959 Series B Bonds Only)

[The bonds of this series are redeemable prior to maturity as a whole or in part on April 1, 1969, 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, 1969, through October 1, 1973; two and one-half per cent (2½%) of the principal amount thereof if redeemed April 1, 1974, through October 1, 1978; two per cent (2%) of the principal amount thereof if redeemed April 1, 1979, through October 1, 1983; one and one-half per cent (1½%) of the principal amount thereof if redeemed April 1, 1984, through October 1, 1988; one per cent (1%) of the principal amount thereof if redeemed April 1, 1989, through October 1, 1993; and without premium if redeemed April 1, 1994, 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 published and of general circulation in the City of Chicago, Illinois, and also in a financial newspaper of general circulation published in the English language 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 moneys are available for 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, 1957, 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 said 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 \$150,000 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 signature of its President and signed by 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. *Separate Construction Funds and Application of Bond Proceeds.* The Board of Trustees hereby determines that Project B will become revenue producing on or about September 30, 1960 and therefore that portion of the proceeds of the 1959 Series A Bonds and 1959 Series B 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, 1960 shall be deposited with the Trustee in the Bond and Interest Sinking Fund account as required by Section 6.01 of the Original Resolution.

The balance of said proceeds of the 1959 Series A Bonds and the 1959 Series B Bonds, respectively, shall, as required by Section 6.01, be deposited in a bank or banks which are members of the Federal Deposit Insurance Corporation and shall be, respectively, accounted for as two separate funds to be designated "Construction Fund Account 1959 A" and "Construction Fund Account 1959 B." 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 Original 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 First Supplemental Resolution is supplemental to and is adopted in accordance with Sections 2.06 and 4.02

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 or authenticating any Bond authorized by this First 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 Original Resolution.

SECTION 3.3. *Resolution Effective on Passage.* This resolution shall become effective upon its passage.

President
 Attest: -----

Secretary

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.

RENEWAL OF ILLINI CENTER LEASE

(18) The Vice-President and Comptroller recommends renewal of the lease with the LaSalle Madison Hotel Company for the area on the twentieth floor of the hotel used as the Illini Center for two years from July 1, 1959. The rental rate of \$7,800 a year and all the other provisions are the same as in the present lease.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute the lease.

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

LEASES OF SPRINGFIELD, BELLEVILLE, AND PEORIA OFFICES OF DIVISION OF SERVICES FOR CRIPPLED CHILDREN

(19) 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, 1959.

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, 1959.

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, 1959.

The lease for the Springfield office provides for an increase in rent of \$50 per month or \$1,200 for the biennium. The premises have been under lease by the University for the Division of Services for Crippled Children since 1946 at a rental of \$500 a month, and the lease for the coming biennium is the first rent increase. Officers of the Division of Services for Crippled Children report there has been an increase of approximately \$600 a year in taxes paid by the owners since 1946, and the costs of maintenance and repair of the property have also risen. The property was a private home which was converted to office space, and the Division first had only about 4,000 square feet of space. However, additions to the property and a refurbishing of space which was not usable have been made by the owners so that at the present time the Division uses approximately 7,600 square feet of space on the premises. For these reasons, the increase in rent requested by the owners is justified.

The terms of the new leases at Belleville and Peoria are the same as those in effect in previous leases.

The Division has funds in its budget for the rentals.

The Acting Director of the Division of Services for Crippled Children and the Vice-President in charge of the Chicago Professional Colleges concur in these recommendations.

I recommend approval.

On motion of Mrs. Watkins, the renewals of these leases, on the terms indicated, was authorized by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

SUPPLEMENTAL APPROPRIATIONS

(20) Appropriations for wages, expense, and equipment for the current year are inadequate in many departments. The Vice-President and Comptroller and the Vice-President and Provost recommend the following supplemental appropriations:

Security Office	\$ 5 300
Civil Engineering	2 500
Library Additions, Urbana.....	20 000
Zoology.....	4 000
Physical Plant Operation, Urbana.....	18 000
(Through reassignment of funds for Champaign County Regional Planning)	
Statistical Service Unit, IBM 650 Rental.....	12 227
(From Indirect Costs general)	
Chicago Undergraduate Division, Engineering.....	5 300
Chicago Undergraduate Division, Radioisotope Laboratory.....	2 591
Special Legal Services.....	8 100
Admissions and Records, Urbana.....	6 329
<i>Total</i>	<u>\$84 347</u>

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. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

CONTRACT FOR CONSTRUCTION OF COOLING TOWER

(21) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$77,620, subject to availability of funds in the state appropriations for 1959-61, to Fluor Products Company, Oak Park, the lowest bidder, for the construction of a cooling tower for an addition to the Abbott Power Plant.

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. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

CONTRACT FOR PLASTERING AND ACOUSTICAL WORK

(22) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract to Harry F. Fisher, Urbana, the lowest bidder, for plastering, patching repairs, and acoustical installations, work to be done as needed, for the fiscal year beginning July 1, 1959, on the basis of the following terms: \$2.00 an hour for trucking of equipment and materials for actual time used solely for transportation, provided that not over 10 per cent of one job will be charged to trucking costs, unless the total costs are \$25.00 or less; contractor's fee of 16 per cent of all job costs when project costs exceed \$25.00.

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. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

CONTRACT FOR FURNACE MAINTENANCE AND REPAIRS IN HOUSING UNITS

(23) The Director of Housing, the Director of the Physical Plant, and the Vice-President and Comptroller recommend award of a contract to J. R. Boers Heating Company, Champaign, the lowest bidder, for furnace maintenance and repair work in the individual housing units operated by the University at Urbana-Champaign. This contract is for the fiscal year beginning July 1, 1959, to provide for services as required, payments to be made at the following rates which are those in effect during the current fiscal year ending June 30, 1959:

Labor Rates	<i>Straight Time</i>	<i>Overtime</i>
Furnace Mechanic.....	\$2 00	\$3 00
Mechanic's Helper.....	1 40	2 20
Contractor's Fee		
For Labor.....		30 per cent
For Materials.....		30 per cent

Labor rates are subject to adjustment for changes in rates paid generally by the contractor to his workmen for similar work with right of cancellation of the contract reserved by the University if such changes do not meet with its approval.

Funds are available in the income of the Housing Division.

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. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

CONTRACT FOR INSTALLATION OF PERMANENT SEATING IN THE ASSEMBLY HALL

(24) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$253,300, the base bid, to the American Seating Company of New York City, the lowest bidder, for installation of the permanent seating, consisting of 17,000 plastic seats, in the Assembly Hall, the contract to include a provision that all seat standards will be drilled, tapped, and tapped holes plugged with a slotted head bolt flush with the surface of the seat standard, to facilitate installation of arms to seat assemblies later if and when desired. The contract further provides that at a later date either or both of two alternates may be accepted, provided the American Seating Company is notified in sufficient time that added costs will not be involved. These alternates provide for the installation of 4,472 upholstered seats for the theater quadrant at an additional cost of \$21,242, and the installation of arms to these theater seats at an additional cost of \$19,900.

Provision for the seating is included in the Assembly Hall project budget.

I concur.

On motion of Mr. Swain, 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. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

CONTRACT FOR REROOFING WEST-END BAND OF ARMORY

(25) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$16,162 to the Overly Manufacturing Company, Greensburg, Pennsylvania, the lowest bidder, for roofing of the large west-end band of the Armory which was not included in a previous contract for reroofing of the Armory.

Funds are available in the state capital appropriations to the University for 1957-59.

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. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

**CONTRACT FOR ISOLATION BUILDING ON
VETERINARY RESEARCH FARM**

(26) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$9,322.66 to D. E. MacMillan Associates, Champaign, the lowest bidder, for construction of an isolation building on the Veterinary Research Farm. The contract price is determined by taking the low base bid of \$12,377 and deducting one of four alternates which provides for the omission of a septic tank. The tank is being redesigned, and the College of Veterinary Medicine wishes to defer its installation until next year.

Funds are available.

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. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

CONTRACT FOR REMODELING OF VETERINARY RESEARCH BARN

(27) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$10,148 to Oran L. Shoemaker and Company, Champaign, the lowest bidder, for the remodeling and improvement of the College of Veterinary Medicine Research Barn Number Two.

Funds are available.

I concur.

On motion of Mr. Herrick, 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. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

**CONTRACT FOR CONSTRUCTION OF ADDITION TO
HORTICULTURE FIELD LABORATORY**

(28) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract to Harshbarger Building and Supply Company, Urbana, the lowest bidder, for \$8,738.65 for the construction of an addition to the present metal building southeast of, and attached to, the Horticulture Field Laboratory. This will provide much needed laboratory and storage space for the Department of Horticulture.

Funds are available.

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. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

CONTRACT WITH BROWN, MANTHEI, DAVIS, AND MULLINS

(29) The Director of the Physical Plant and the Vice-President and Comptroller recommend a new contract with Brown, Manthei, Davis, and Mullins, Champaign, for engineering services on heating, ventilating, air conditioning, and electrical work for University improvement and maintenance jobs which, because of the small amount of work to be done, do not justify separate contracts for each. The new contract will include the following terms and will be for two years from July 1, 1959:

Services of principals in the firm to be paid for at the rate of \$7.50 an hour.

Services of other personnel to be paid at hourly wage rates paid by the firm for regular or overtime work.

Services performed on overtime basis to be paid for at the regular hourly rates unless such overtime work is specifically requested by the University and the rates are agreed upon in advance.

Payments shall be on a monthly invoice basis; before any payment is made the University may audit or otherwise verify the invoice.

The fee for services on any specific project shall not exceed \$2,500 without approval of the Board.

The contract may be terminated by the University at any time on written notice. For overhead costs and professional commission, an allowance of 100 per cent of the cost of services of the principals and employees will be added.

I concur.

On motion of Mr. Johnston, this contract was authorized.

TRACK SERVICE TO CENTRAL FOOD STORES BUILDING

(30) The University has contracted with the Illinois Central Railroad Company for the construction of a spur track from its main line south of Stadium Drive in Champaign to the Central Food Stores Building. It is now necessary to enter into an operation and maintenance agreement for this service, and adoption of the following resolution is recommended:

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 this public corporation, to execute an agreement with the Illinois Central Railroad covering the operation, maintenance, etc., of the side track to serve the new Central Food Stores Building, which said side track is being constructed for said public corporation by said Illinois Central Railroad.

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

**ADDITION TO CONTRACT FOR CONSTRUCTION OF
CENTRAL FOOD STORES BUILDING**

(31) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$4,108.32 in the contract with Felmley-Dickerson Company, Urbana, for the construction of the Central Food Stores Building to provide for changes in storm sewer connections.

When the contract for the construction of this building was awarded, drainage studies had not been completed for the entire area in which this building is being constructed. It has been found necessary to increase the size of the sewer along Oak Street, and to provide a new sewer line north of the building to drain the pocket created by lowering the railroad siding to facilitate unloading the freight cars.

Funds are available in the construction account for this building.

I recommend that the Comptroller be authorized to execute this change in the contract.

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

ADDITION TO CONTRACT FOR PHYSICS BUILDING

(32) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$2,682.17 in the contract with the Mayfair Construction

Company to substitute vinyl asbestos tile for asphalt tile in the upper floor corridors of the Physics Building. This tile has a longer useful life and is less subject to grease and acid contamination from adjoining shops and laboratories. Funds are available in the building appropriation for this change.

I recommend that the Comptroller be authorized to execute this change in the contract.

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

ADDITIONS TO CONTRACT FOR CONSTRUCTION OF BIOLOGY BUILDING

(33) Among the deferrable items of work omitted from the contract for the construction of the Biology Building to insure that a usable building could be built within the funds available, were the painting of all interior walls and ceiling surfaces in the laboratories and other areas, and installation of some of the air-conditioning equipment. The Governor has recently authorized the transfer of \$35,000 from the item for contingencies in the state capital appropriations to the University for 1957-59 for additional work on the Biology Building for which funds were not previously available.

Bids on interior painting were solicited by advertisement, as required by law, and twelve painting contractors were specifically invited to bid, but no bids were received. Contractors have advised that no bids were submitted because the heavy seasonal demand for painting work in the Urbana-Champaign area makes it impossible for them to employ enough painters to handle a major job of this size within the time available to complete the work. The state appropriation will lapse on September 30, and any unexpended funds must be encumbered by June 30. In view of this situation, the Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board authorize negotiations with the painting subcontractor of the Mayfair Construction Company for as much additional painting work as he can complete within the time limit, this work to be done on a change order basis.

These officers also recommend that the Board authorize negotiations with the subcontractor of the Mayfair Construction Company who installed the air-conditioning equipment for the installation of automotive stand-by equipment for temperature control in certain areas where failure of one of the two main air-conditioning systems would be serious and could result in serious damage to valuable laboratory experimentation. Additional installation would be on a negotiated change order basis. It is estimated that the total expenditures would be between \$12,000 and \$20,000.

The Physical Plant Department is unable to submit change orders with firm estimates of costs for the proposed painting work and additional air-conditioning installations prior to the Board meeting today. Hence, advance approval is requested.

I recommend that the Comptroller be authorized to execute these change orders upon certification by the Director of the Physical Plant and approval of the same by the President of the University.

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

USE OF UNIVERSITY FACILITIES BY CANDIDATES FOR PUBLIC OFFICE

(34) The University policy which has come to be known as "the political speakers ban" was established by the University Board of Trustees on December 9, 1890, when the Board resolved: "that hereafter the University buildings and grounds be not used for political purposes." Although numerous requests from University groups for a change in Board policy have been made, only one modification has been adopted. On May 19, 1955, the Board decided to allow candidates for the offices of President and/or Vice-President of the United States the use of University facilities for appearing in person to speak on the campus.

Requests for a broad change in policy on this subject have been made by the Student Senate, the University's undergraduate representative body at Urbana, in 1950; the University Senate (the University faculty), in 1951; and the Student Senate again in 1955. None of these petitions was approved by the Board. A new resolution was made by the Student Senate in April, 1959, and adopted by the Urbana University Senate in June.

None of the petitions for modification contemplated a complete removal of limitations on political speakers. The requests have been, rather, for the permitting of candidates for state or national office only, or those speaking in their behalf, who represent parties legally recognized in Illinois, to use University facilities if their appearance is sponsored by a recognized student organization, a faculty group, or a University department. Candidates for local offices would not be permitted to speak on University premises, and political rallies would not be in order. Appropriate control regulations would be promulgated by the President. The latest Student Senate resolution provides that the modification be made for a two-year trial period, after which the Board would assess the results.

The foregoing summarizes briefly the general history of the political speakers question. Substantive arguments can be advanced both in favor of modification and in favor of maintaining the status quo.

In favor of modification, it can be argued that (a) political campaigning is a part of American life which college students should be encouraged to consider carefully, and that it is inconsistent for the University to urge participation in political affairs (through such agencies as the Citizenship Clearing House) and simultaneously erect barriers to such participation; (b) appearance of political speakers in the University community negates the effectiveness of the ban because the impression is frequently left that the speech was made on University property; (c) the ban furnishes a rallying point for opposition to the Board's position, while its elimination would not be likely to result in any mass appearance of political speakers on the campus; (d) the ban can result in anomalies which alienate student respect. For example, a political candidate can buy television time and his address can be televised into the Illini Union, but he can not make the same speech in person in a University building. Similarly, a speech on the steps of the Young Men's Christian Association on Wright Street may be amplified so that students at windows in Lincoln Hall are part of the audience, but the same speech can not be delivered in the Lincoln Hall Theatre. A distinguished speaker may appear on campus at one time, but later, as a candidate, he is not allowed to do so.

On the other hand, the University is jealous of its nonpartisan and non-political position and surely must guard against any break in this pattern. It would be difficult in all instances to assure equal treatment and facilities to candidates because of previously scheduled conflicting University events. Moreover, the very arguments advanced in favor of modification can be reversed in favor of the status quo. If off-campus facilities are now virtually as convenient as University facilities, why not continue the arrangement? Again, if no frequent appearance of political speakers is expected, why should the ban be a matter of concern? Finally, no matter how close to the campus a speech is made, if it is not made on University grounds, the University has no responsibility for it.

Perhaps the basic point is that we are trying to have students understand that politics belong to the people and that the politician belongs to a calling of vital importance to the common welfare. A university ought to be able to arrange for its students to hear political speakers without becoming involved institutionally in political action.

I believe the time has come when the University of Illinois should attempt to broaden its practice in arranging for political speakers, as suggested in the resolution of the Senate of the Urbana campus, and I recommend that the Board approve that resolution, as follows:

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 state-wide 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.

The authorization here requested would apply to another campus of the University only with the concurrence of its Senate.

I also recommend that the President be authorized 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.

Mrs. Watkins moved that this recommendation be approved.

There followed a discussion in which all the Trustees present par-

anticipated. President Henry and Vice-President and Provost Ray spoke in support of the recommended change in policy.

At the conclusion of the discussion, Mr. Herrick asked for a record vote. The following voted aye: Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Swain, Mrs. Watkins, Mr. Williamson; the following voted no: Mr. Herrick, Mr. Johnston, Mr. Pogue; Governor Stratton and Superintendent Wilkins were absent.

DISTRIBUTION OF DENTIFRICE INCOME

(35) The distribution of net income received from the ammoniated dentifrice patents as specified in the contract between the University of Illinois Foundation and the four discoverers, after reimbursing the University for research costs, is as follows: Foundation, 50 per cent; discoverers, 40 per cent, one-fourth (10 per cent) to each of the four discoverers; College of Dentistry, for research, 10 per cent.

Funds received from time to time have been distributed according to this schedule. However, \$50,000 was reserved by the Foundation to meet possible costs of litigation. On May 1, 1959, the Board of Directors of the Foundation, being of the opinion that future litigation was very improbable, authorized the distribution of this sum.

Some time ago there was established with the Foundation an endowment, the Edward C. Wach Dental Research Fund, to provide funds for further research in the College of Dentistry. Dr. Wach, one of the discoverers, offered to give his share of the \$50,000 reserve to this fund and proposed that other interested parties do likewise.

The Board of Directors of the Foundation has allocated \$5,000 of the \$25,000 received by it in this distribution to this fund, and the Dean of the College of Dentistry and the Vice-President in charge of the Chicago Professional Colleges recommend that the \$5,000 that would go to the College of Dentistry be used for the same purpose.

I concur in this recommendation.

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

PURCHASES

Purchases Authorized

(36) 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 bid.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
6,000 Western Electric type GF-45011 transistors	Digital Computer Laboratory	Western Electric Co., New York, N.Y.	\$90 000 00 f.o.b. Laurel-dale, Pa.
7,500 copies Atlas of Illinois Resources, Section II; plastic bound; inserted in metal clasp envelopes	Geography	R. R. Donnelley & Sons Co., Chicago	8 773 00 f.o.b. Urbana
One Hilger microfocus X-ray generator cubicle, complete including installation, plus X-ray tube, adjustable cathode gun, single crystal goniometer, reflection camera, 21 targets, and two spare filament sets	Mining and Metallurgical Engineering	Jarrell-Ash Co., Newtonville, Mass.	10 167 00 f.o.b. Newtonville, Mass.
One precision tool room lathe, 12½ in. swing over bed, 1½ in. collet capacity	Physics	E. L. Essley Machinery Co., Chicago	10 215 00 f.o.b. Boston, Mass.
One used Saltzman model 30WAA enlarger with motorized horizontal motion; less trade-in of one Eastman 8 x 10 projection printer	Photography	J. G. Saltzman, Inc., New York, N.Y.	3 250 00 f.o.b. Middle Village, N.Y.
One precision film reader with punch paper tape output equipped for automatic operation	Physics	Hermes Electronics Co., Cambridge, Mass.	47 000 00 f.o.b. Cambridge, Mass.

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 bid.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Cleaning and pressing approximately 3,600 Air Force R.O.T.C. uniforms and laundering approximately 7,200 shirts during the period July 1, 1959, through June 30, 1961	Air Force Science	Paris Dyeing & Cleaning Co., Champaign	\$6 300 00
4,608 lbs. ether, reagent, anhydrous A.C.S.	General Chemical Stores	Mallinckrodt Chemical Works, St. Louis, Mo.	5 488 80 f.o.b. delivered
3,840 pints acetone, reagent, A.C.S.			
3,120 pints chloroform, reagent, A.C.S.			
3,840 pints methyl alcohol, reagent, A.C.S.			
Quantities will be purchased as required for the period July 1, 1959, through June 30, 1960			
One scaler, portable, nuclear decade 100,000 counts for operation in 6 volts d.c. or 115 volts, 50-60 cycles, complete with depth moisture probe	Horticulture	Nuclear-Chicago Corp., Chicago	2 622 96 f.o.b. Urbana
One Varian model V-4012A twelve-inch electromagnet with one pair cylindrical pole caps, one pair tapered pole caps, one regulated magnet power supply, and one voltage regulator	Physics	Varian Associates, Palo Alto, Calif.	17 885 00 f.o.b. Palo Alto, Calif.
80 table tops of two-inch thick laminated edge-grain maple, sizes: fifty 30 in. x 60 in., and thirty 30 in. x 96 in.	Physics (new building)	Brodhead-Garrett Co., Cleveland, Ohio	3 124 00 f.o.b. Urbana
One hydraulic pumping and indicating unit for a maximum capacity of 10,000 PSI; four ranges 0-10,000, 0-5000, 0-2500, 0-1000 PSI; complete with accessories; less trade-in allowance of a Riehle 100,000 lb. testing machine purchased in 1904	Theoretical and Applied Mechanics	Riehle Testing Machine Division, American Machine & Metals, Inc., East Moline	9 055 00 f.o.b. Urbana
Uniforms and linen rental service as required by College of Veterinary Medicine for the period July 1, 1959, to June 30, 1961	Veterinary Medicine	Champaign Clean Towel Service, Champaign	7 041 06
One ultra microtome, Fernandez Moran type, dual motor drive for use with glass and diamond knives, complete with accessories	Zoology	W. H. Kessel & Co., Chicago	3 167 00 f.o.b. delivered and installed
One Cessna 150 airplane with dual controls, navigation and landing lights, full panel IFR instrumentation with vacuum system, and Narco super-homer; less allowance on Cessna 140, Serial No. N2301V	Institute of Aviation	Walston Aviation, Inc., East Alton	6 048 00 f.o.b. delivered
One Beechcraft Bonanza with IFR flight panel, Narco omnigator, Narco simplexer, Lear radio compass, rotating beacon, oil filter, seat covers, external power plug, and air conditioner; less allowance for Beechcraft Bonanza, Serial No. N3407B	Institute of Aviation	Butler Co., Butler Airplane Sales Division, Rockford	18 064 00 f.o.b. Rockford
One spectrophotometer with photomultiplier attachment and flame attachment	Biochemistry, College of Medicine	E. H. Sargent & Co., Chicago	2 855 00
One self-contained rotograph apparatus with X-ray generator tube and high tension cables	Dental Radiology, Chicago	General Electric X-Ray Corp., Chicago	6 565 00 delivered
Two food mixers, one food chopper, and two electric can openers	Medical Research Laboratory, Chicago	Imperial Restaurant Supply, Chicago Stearns Co., Chicago	2 912 25 119 50 delivered
18 animal operating tables	Medical Research Laboratory, Chicago	Herb Holmes Serum Co., Springfield	4 131 72 f.o.b. delivered
100,000 mysoline tablets	Hospital Pharmacy, Chicago	Ayerst Laboratories, Chicago	2 658 00 delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Optical goods, including services and repairs for patients at the Illinois Eye and Ear Infirmary, 904 West Adams Street, Chicago, as required on prescriptions and authorization of the Infirmary staff, for the period July 1, 1959, through and including June 30, 1960, subject to automatic renewal for one year at the same schedule of prices at the option of the University; total estimated number of prescriptions approximately 7,500, based on University experience records	Illinois Eye and Ear Infirmary	American Optical Co., Chicago	\$ 48 000 00 (estimated annual expenditure)
Approximately 600 cases of Pyrex laboratory glassware to be used by the Chicago Colleges and Divisions	Chicago Colleges and Divisions	W. M. Welch Manufacturing Co., Chicago (100 cases)	3 800 00
		Rascher & Betzold, Inc., Chicago (100 cases)	3 800 00
		Arthur S. LaPine & Co., Chicago (100 cases)	3 800 00
		A. S. Aloe Co., Chicago (100 cases)	3 800 00
		Central Scientific Co., Chicago (100 cases)	3 800 00
		A. Daigger & Co., Chicago (100 cases)	3 800 00
			(22 800 00)
Printing of the Chicago Undergraduate Division weekly student newspaper <i>Pier Illini</i> , consisting of twenty-two issues of eight pages and four issues of twelve pages, during the academic year 1959-60	Chicago Undergraduate Division	Garfieldian Publications, Chicago	9 683 90 delivered
30 monocular medical microscopes, less allowance for thirty used microscopes	Student Supply Store, Chicago Professional Colleges	A. S. Aloe Co., Chicago	3 561 75 delivered
130 hot water heaters, gas fired, thirty gallon capacity, complete with 100 per cent safe temperature regulators and line pressure regulators	Housing Division (temporary family housing)	Graybar Electric Co., Peoria	5 338 06 f.o.b. Urbana
120 innerspring mattresses 54½ in. x 74½ in.	Housing Division (married students apartments on Orchard Place)	Schultz & Hirsch Co., Chicago	4 998 00 f.o.b. delivered
120 box springs			
Dinner plates, salad plates, cereal bowls, sugar bowls, serving bowls, and cups and saucers in Mayer china; replacements	Housing Division (Women's Residence Halls)	American China & Glassware Co., Chicago	2 930 48 f.o.b. Beaver Falls, Pa.
Plates, fruit dishes, cereal and soup nappies, sugar bowls, and cups and saucers in Syracuse china; replacements	Housing Division (Men's Residence Halls)	E. A. Hinrichs & Co., Chicago	7 098 95 f.o.b. Urbana
Plates, vegetable dishes, and cups and saucers in Shenango china; replacements	Illini Union	M. L. Brill & Co., Chicago	2 632 68 f.o.b. Urbana
300 reams 25 x 38 60-lb. white English finish book paper, long grain, packed in cartons, trimmed four sides	Office Supply Stores	West Virginia Pulp & Paper Co., Chicago	2 753 19 f.o.b. mill less carload freight
19,500 (approximately) miscellaneous haydite and concrete blocks as required during the period July 1, 1959, through June 30, 1961	Physical Plant Storeroom	Davis Concrete Products, Inc., Mahomet	3 306 00 f.o.b. delivered
8,220 gallons (approximately) water emulsion floor wax to be furnished during the period July 1, 1959, through June 30, 1961	Physical Plant	International Chemical Co., Chicago	12 033 42 f.o.b. Urbana
Wet storage batteries to be furnished during the period July 1, 1959, through June 30, 1961:	Physical Plant	Montgomery Ward & Co., Urbana	5 422 00 f.o.b. delivered
50 (approximately) Group 1			
25 (approximately) Group 2L			
300 (approximately) Group 2			
25 (approximately) Group 24S			
60 (approximately) Group 28N			

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Hospital professional liability insurance for five years at limits of \$200,000/500,000 covering the Chicago and Urbana-Champaign risk; premium is payable on an annual installment basis of \$8,261.81 for Chicago and \$687.96 for Urbana-Champaign	Research and Educational Hospitals and Health Services	V. P. Hartwell, Peoria, representing the Lumbermen's Mutual Casualty Co.	\$44 748 85 (five-year premium)
Builders' risk insurance under a completed value form on an estimated \$5,500,000 insurable cost of construction for the Assembly Hall; insurance to be carried for an estimated two years during the course of construction with right of pro rata cancellation upon completion of the construction work; total two-year premium is estimated at \$9,234.50, of which \$4,617.25 will be payable the first year	Physical Plant	Ralph Light, Champaign, representing the Employers Mutual Casualty Co. \$1,375,000 (25 per cent) Dickler Insurance Agency, Dwight, representing the Freeport Insurance Co. \$4,125,000 (75 per cent)	2 337 50 6 897 00
Consulting engineering services, general and detailed supervision and inspection of the work performed by the subcontractor in connection with construction of facilities for the Radio Telescope	Astronomy	Hanson, Collins, & Rice, Springfield	15 000 00
Construction of the reflecting surface, the towers, and other facilities described in the plans and specifications for the Radio Telescope to be located at the Union Corner site, near Danville, subject to availability of funds from the Office of Naval Research	Electrical Engineering	Chism & Miller, Inc., Springfield, and W. B. Clements Co., Wallington	312 090 53
One spectrophotometer, high sensitivity, stability, and reproducibility; range 200 mμ to 2.5 mμ, 70 cm. optical bench complete with one set of four cells 10 x 10 x 48 mm., and accessories for operation on 115 volts, 60 cycles	Chemistry and Chemical Engineering	W. H. Kessel & Co., Chicago	4 279 00 f.o.b. delivered
One autoclave, laboratory, steam operated, custom mounted, automatic controls, 20 in. x 20 in. x 36 in. rectangular with provision for vacuum drying and for conversion to cold sterilization	Chemistry and Chemical Engineering	American Sterilizer Co., Chicago	11 782 00 destination
One autoclave, laboratory, steam operated, custom mounted, automatic controls, 24 in. x 36 in. x 48 in. rectangular with provision for vacuum drying and for conversion to cold sterilization			
7,000 pounds acetic acid reagent	General Chemical Stores, Physical Plant Stores	E. I. Du Pont de Nemours & Co., Grasselli Chemicals Dept., Chicago	24 803 78 f.o.b. delivered
20,000 pounds hydrochloric acid reagent			
12,000 pounds nitric acid reagent			
35,000 pounds sulphuric acid reagent			
6,000 pounds ammonium hydroxide reagent			
6,250 pounds hydrochloric acid, technical			
180,000 pounds sulphuric acid technical			
4,000 pounds No. 2 hydrochloric acid solution			
Quantities needed July 1, 1959, through June 30, 1961			
Laboratory chemicals to be used as stock in the General Chemical Stores for the summer and fall terms of 1959-60	General Chemical Stores	J. T. Baker Chemical Co., Chicago General Chemical Division, Allied Chemical Corp., Chicago Mallinckrodt Chemical Works, St. Louis, Mo. Merck & Co., Inc., St. Louis, Mo. Fisher Scientific Co., Fairlawn, N.J. Schaar & Co., Chicago Arthur S. LaPine & Co., Chicago all prices f.o.b. delivered	6 590 88 2 818 87 2 670 86 1 524 12 893 35 255 00 121 70
One lot laboratory glassware and assorted apparatus for General Chemical Stores stock	General Chemical Stores	Arthur S. LaPine & Co., Chicago	13 339 39 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Steel library bookstacks and wood library book shelving for expansion of Smith Music Hall library	Library	Virginia Metal Products, Inc., Orange, Va. Steel bookstacks Blackwell Wielandy Co., St. Louis, Mo. Wood shelving	\$ 1 746 00 1 066 65 delivered and installed
One automatic sample changing counting system consisting of: One scaler One sample changer, automatic One elapsed time printer One shield One scintillation counter One sodium iodide crystal 1 in. x 1 in.	Physiology	Radiation Instrument Development Laboratories, Chicago	3 140 75 f.o.b. Chicago
One six-speed Universal metal cutting band saw, 18 in. x 18 in., complete with motor and controls	Physics	Black & Co., Champaign	2 773 07 f.o.b. delivered
One helium cryostat with modifications to produce liquid hydrogen at the rate of eight liters per hour	Physics	Arthur D. Little, Inc., Cambridge, Mass.	36 515 00 f.o.b. Cambridge, Mass.
One automatic refrigerated centrifuge	Biochemistry (Chicago Professional Colleges)	A. Daigger & Co., Chicago	3 086 92 f.o.b. delivered
One automatic laboratory analyzer	Biochemistry (Chicago Professional Colleges)	Technicon Instrument Co., Chauncey, N.Y.	7 412 00 delivered
44 pieces of stainless steel operating room furniture, consisting of five arm dip tanks, 11 instrument tables, 11 Mayo stands, 17 irrigator stands	Medical Research Laboratory	Debs Hospital Supply, Chicago Hospital Equipment, Chicago	2 869 91 437 50 (3 307 41)
Autoanalyzer and accessories for automatic determination of laboratory specimens	Research and Educational Hospitals	Technicon Instrument Co., Chauncey, N.Y.	10 615 56
20,000 chloramphenicol capsules, 250 mg.	Research and Educational Hospitals	Parke, Davis & Co., Chicago	5 100 00 f.o.b. delivered
Yearly affiliation fee for television programming service for period July 1, 1959, through June 30, 1960	Television-Motion Pictures	National Educational Television & Radio Center, Ann Arbor, Mich.	8 400 00 f.o.b. Ann Arbor, Mich.
Printing and binding <i>Illinois Studies in the Social Sciences</i> during the period July 1, 1959, through June 30, 1961	University Press	Pantagraph Printing & Stationery Co., Bloomington	7 000 00 Bloomington
Printing and binding <i>Illinois Biological Monographs</i> for the period July 1, 1959, through June 30, 1961	University Press	Pantagraph Printing & Stationery Co., Bloomington	7 000 00 f.o.b. Bloomington
500 tons (approximately) pea size coke to be delivered directly to bins at various Housing Division locations during the 1959-60 heating season	Housing Division (temporary housing)	Mooney Coal Co., Urbana	12 825 00 f.o.b. delivered (approximate)
750 free hanging Venetian blinds for installation in the new married students apartments	Housing Division (married students apartments)	Johnson Shade Shop, Champaign	2 731 10 f.o.b. delivered
16 beds, eight chests, eight desks, seven night stands, and eight side chairs to replace furniture in guest rooms in Illini Union Building	Illini Union	R-Way Furniture Co., Chicago	2 950 70 f.o.b. delivered
405 steel office chairs, upholstered: 140 swivel arm chairs 60 swivel chairs, no arms 15 side arm chairs 100 side chairs, no arms 90 posture swivel chairs	Office Supply Stores—Physics Department	All-Steel Equipment, Inc., Aurora	10 808 20 f.o.b. Urbana
One Flexowriter, SPD, programmatic, recorder, reproducer with edge card facilities, stand, edge card cutter, continuous label holder	Purchasing Office	Friden, Inc., Peoria Heights	3 645 55 f.o.b. delivered and installed
One lot supplies (one carton tape, 20 roll labels 1 1/4 x 4, 10,000 edge punched cards 3 x 7)			

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
2,120 (approximately) motor oil samples to be analyzed for motor vehicle fleet operation during the period July 1, 1959, through June 30, 1961	Physical Plant	Faber Laboratories of Chicago	\$ 3 498 00 f.o.b. delivered
Laboratory furniture for East Chemistry Building	Physical Plant	Metalab Equipment Co., Hicksville, N.Y.	3 225 00 delivered
Furnish and install 121 guided Venetian blinds in the new Physics Building	Physical Plant	Mackin Venetian Blind Co., Momence	3 279 10 installed
Movable partitions, approximately 194 lineal ft., to be furnished and erected in Civil Engineering Hall, creating ten office spaces	Physical Plant	Unistrut Service Co. of Illinois, Chicago	2 945 00 delivered and erected
Incandescent and fluorescent lamps to be ordered as required for the Urbana campus and Chicago Professional Colleges during the period July 1, 1959, through June 30, 1961	Physical Plant	Potter Supply Co., Decatur	75 139 79 f.o.b. delivered
20,000 lbs. soft white lead paste, federal specifications TT-W-251-B. Type C in 100-lb. kegs	Physical Plant Storeroom	National Lead Co., Chicago	3 650 00 f.o.b. Urbana
Miscellaneous steel for stock and jobs in progress	Physical Plant Storeroom	A. M. Castle & Co., Franklin Park	3 031 10 f.o.b. delivered
Octane aviation gasoline as follows: 200,000 gallons 80/87 350,000 gallons 91/96 40,000 gallons 100/130	Institute of Aviation	Texaco, Inc., Chicago	132 964 80 f.o.b. delivered
Cylinder and bulk propane gas to be furnished during the period July 1, 1959, through June 30, 1961	Various Departments, Urbana	Jack Bell Gas Co., Urbana Bulk propane Urbana Furniture Co., Urbana Cylinder propane	10 000 00 3 800 00 all prices f.o.b. delivered
Laboratory gases as required by all departments during the period July 1, 1959, through June 30, 1961	Various Departments, Urbana	Depke Welding Supplies, Inc., Champaign	32 000 00 f.o.b. delivered
Gasoline, fuel oil, motor oil, greases, and industrial lubricants as required during the period July 1, 1959, through June 30, 1961	Various Departments, Urbana	Mobil Oil Co., Springfield, 350,000 gals. gasoline in transport loads; 60,000 gals. No. 1 fuel oil in tank truck loads Texaco, Inc., Chicago, 60,000 gals. gasoline in transport loads for Dixon Springs Station Ohio Oil Co., Urbana, 45,000 gals. gasoline in tank truck loads Continental Oil Co., Springfield, 10,000 gals. No. 1 fuel oil in tank truck loads for Dixon Springs Station Sinclair Refining Co., Chicago, 18,000 gals. No. 2 fuel oil in tank truck loads for Dixon Springs Station Stewart Oil Co., Champaign, 220,000 gals. No. 2 fuel oil in tank truck loads; 5,000 gals. petroleum solvent in tank truck loads; 1,500 gals. kerosene in tank truck deliveries Cities Service Oil Co., Champaign, 4,650 gals. motor oil in quart cans and drums, greases and industrial oils	65 954 00 10 501 92 8 752 50 1 325 00 2 232 00 27 014 00 6 127 81

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

COMPTROLLER'S REPORT OF CONTRACTS

(37) The Comptroller's report of contracts executed during the period May 1 to 31, 1959.

<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)-6283	Exploratory investigation of inorganic laminate matrix materials	\$40 110 00	April 1, 1959
United States Air Force AF 33(616)-6428	Analyzing principles of the mammalian auditory system	34 395 00	May 1, 1959
United States Air Force AF 33(616)-6542	Quantitative theory of form perception	14 480 00	June 16, 1959
United States Army DA-36-039 SC-78313	Microwave duplexer switching mechanisms	33 333 00	February 1, 1959
United States Atomic Energy Commission AT (11-1)-758	Basic research relating to atomic energy	11 260 00	June 1, 1959
United States Department of Health, Education, and Welfare, Office of Education, SAE-8204	Efficacy of special class training on the development of mentally retarded children	233 921 00	July 1, 1959

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
De Vous Brothers	One model 800 PTO forage harvester with attachments	\$ 319 91 annually	April 29, 1959
International Harvester Co.	One McCormick UF-34 power loader with attachments	61 59 annually	April 29, 1959

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
American Iron & Steel Institute	Continuous reinforced concrete beams failing in shear	\$23 500 00	April 3, 1959
General Electric Co.	Effect of residual stress on fatigue life and the fading of residual stress at elevated temperatures	12 500 00	May 6, 1959
Kewanee Machinery & Conveyor Co.	Study of elevators for filling vertical silos	3 000 00	January 28, 1959
Kretschmer Corp.	Relative effects of wheat germ oil on physical performance tests	2 500 00	April 14, 1959
Chas. Pfizer & Co., Inc.	Evaluate unidentified growth factors and antibiotics in swine	2 000 00	April 8, 1959
Research Council of the Engineering Foundation	Fatigue tests on cumulative damage of structural joints	22 000 00	January 1, 1959
United States Department of Agriculture	Plant pest control	4 500 00	May 1, 1959
United States Air Force AF 19(604)-4940	Analysis of severe thunderstorms	4 755 00	March 20, 1959
United States Air Force AF 33(616)-5446	Films of surface active substances on a metal surface	10 000 00	January 1, 1959
United States Air Force AF 33(616)-5734	Protective coatings for refractory metals	42 076 22	March 2, 1959
United States Army DA-11-022-ORD-2705	Interaction of interstitial impurities with defect in BCC metals	20 795 50	May 6, 1959
United States Army DA-36-039-SC-75055	Measurement of intensity of surface precipitation by radar returns	120 184 00	April 1, 1959
United States Army DA-49-007-MD-569	Influence of interpersonal relations on team effectiveness	400 00	May 15, 1959
United States Atomic Energy Commission AT(11-1)-67, Project No. 4	Unclassified research in the field of radio chemistry	26 300 00	April 23, 1959
United States Atomic Energy Commission AT(11-1)-67, Project No. 8	Atomic energy research and development	10 000 00	May 11, 1959
United States Atomic Energy Commission AT(11-1)-67, Project No. 9	Structural changes in metals due to annealing after deformation	23 909 00	April 23, 1959
United States Atomic Energy Commission AT(11-1)-392	Obtaining one millimeter source of C.W. microwaves and associated components	90 335 00	May 11, 1959

Adjustments Made in 1958-59 Cost-Plus Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Twenty-five items: \$141.58 deduct to \$202.00	\$1 096 08	April and May, 1959

This report was received for record.

HOUSE OF REPRESENTATIVES RESOLUTION RELATING TO THE CHICAGO UNDERGRADUATE DIVISION

(38) President Henry presented the following resolution:

**State of Illinois
Seventy-first General Assembly
House of Representatives**

Offered by Mr. Randolph, Mr. W. G. Clark, Mr. Pollack, and Miss Piotrowski
House Resolution No. 102

WHEREAS, Efforts have been made for many years to establish a branch campus of the University of Illinois in Chicago offering a comprehensive educational program; and

WHEREAS, The Chicago Undergraduate Division established since World War II has served the educational needs of more than 60,000 students to the extent of its imposed limitations; and

WHEREAS, The citizens of Illinois have expressed their desire for public higher education in Chicago and the Board of Trustees has recognized its responsibilities and executed plans to establish a permanent campus accordingly; and

WHEREAS, The University's schedule is imperative to its needs to provide for the future established enrollments at the Chicago campus; therefore, be it

Resolved, By the House of Representatives of the Seventy-first General Assembly of the State of Illinois, that the Board of Trustees of the University be complimented and supported in its willingness to concede their choice of site for the new campus within the City limits; and that the Mayor of Chicago be commended for his continued interest in the Chicago campus of the University, for his acceptance of the University's established schedule, and for his willingness to support the choice of site by the University within the City limits; and that all citizens and officials of this great commonwealth recognize the importance of the quality of the human resources over all other considerations and dedicate themselves to unselfish support of the Chicago campus of the University which will contribute so much to so many now and in the future.

Adopted by the House, May 19, 1959.

PAUL POWELL
Speaker, House of Representatives

CLARENCE BOYLE
Clerk, House of Representatives

This resolution was received for record and ordered printed in the minutes.

CONTRACT FOR CONSTRUCTION OF PARKING AREA FACILITIES

(39) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$36,193 to Clancy Construction Company, Urbana, Illinois, the lowest bidder, for the construction of a temporary parking lot in the area east of the Student-Staff Apartments on Green Street to provide space for 405 automobiles based on bids received on June 22, 1959. The base will be heavy crushed rock, and the surface will be fine crushed rock. This parking area is to replace facilities lost due to construction of the first unit of the Physics Building across the street and the parking areas which will be lost when the second unit of this building is constructed.

Funds are available in the state capital appropriations to the University for 1957-59.

I recommend approval.

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. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

REPORTS OF COMMITTEES

The Board proceeded to consider the following reports and recommendations from its standing committees.

NAMING OF BIOLOGY BUILDING

Mr. Pogue, for the Committee on Buildings and Grounds, presented the following recommendation:

The Committee on Buildings and Grounds received a recommendation from the Division of Biological Sciences, in which the President concurs, that the new Biology Building be named Burrill Hall for the distinguished scientist Thomas Jonathan Burrill, a member of the University faculty from 1868 until his retirement in 1912, whose services to the University during its first forty-five years also included the following important administrative positions: Dean of the College of Science, 1878-1884; Acting Regent (President), 1891-1894; Dean of the General Faculty, 1894-1901; Dean of the Graduate School, 1891-1905; Vice-President, 1871-1912.

A statement in support of this recommendation has been filed with the Secretary of the Board for record.

On motion of Mr. Pogue, this recommendation was approved. Mr. Herrick and Mr. Williamson voted no.

EMPLOYMENT OF ARCHITECTS AND ENGINEERS FOR MASTER PLANNING FOR CHICAGO UNDERGRADUATE DIVISION

Mr. Pogue, for the Committee on Buildings and Grounds, presented the following report and recommendation:

At the meeting of the Buildings and Grounds Committee on February 18, 1959, the Director of the Physical Plant submitted a preliminary report on Professional Services for the Relocation of the Chicago Undergraduate Division. The Buildings and Grounds Committee approved recommendations that:

- "a. Negotiations be authorized to secure the services of Skidmore, Owings, and Merrill as the coordinating architect on the relocation of the Chicago Undergraduate Division and with the responsibilities as assigned above.
- "b. Recommendations then be submitted for the employment of other professional firms on specific building projects (including such firms as Naess and Murphy and Sargent and Lundy)."

Assuming that the site selection will be firm by July and that the capital appropriations are available in the 1959-61 biennium, it is recommended that employment of the necessary professional services be authorized so that final campus plan studies may be started promptly.

Assuming, also, the approval and availability of the Garfield Park site, there are several fundamental planning problems that must be settled at the very earliest possible date and resolved in conjunction with the city and local community interests. Examples of such questions are: (1) closing of streets and rerouting of traffic; (2) development of an urban renewal program for the area as a whole; and (3) a firm decision on the area in which construction will be first started.

Such work must be completed before any work can be started by the architects on the individual buildings. Starting such work in July is essential if the University's time schedule, namely, completion of construction by the fall of 1963 for the first stage, is maintained.

Accordingly, the Director of the Physical Plant and the Vice-President and Comptroller recommend the employment of:

Skidmore, Owings, and Merrill as the coordinating architect for the preparation of the master campus plan. Their fee for such work will be on a timecard basis, that is, cost plus 150 per cent. (Such costs will be the compensation expended for technical personnel assigned to such work. Technical personnel will include partners and all other personnel assigned to the project, exclusive of general office employees.)

Sargent and Lundy as engineers on the power plant and utility distribution system. Their fee, which is standard for other similar University projects, will be:

1. Engineering and drafting at actual salary and wages plus 100 per cent. (Engineering and drafting are charged at straight time rates for the number of hours actually devoted to the work. The premium costs resulting from overtime and all fringe benefits such as vacations, illness, etc., are included in the 100 per cent.)
2. Stenographic and clerical services at actual wages.
3. Traveling expenses, including transportation, room, board, etc., at charged cost to Sargent and Lundy.
4. Miscellaneous expenses, including calculating board studies, telegraph, long distance telephone, blueprints, etc., at charged cost to Sargent and Lundy.

It is not possible at this time to estimate accurately the cost of these services, but they will run from \$75,000 to \$100,000.

This recommendation was previously submitted to the Committee on Buildings and Grounds and the Committee concurs.

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

LEASE OF PROPERTY AT 1102A WEST MAIN STREET, URBANA

Mr. Pogue, for the Committee on Buildings and Grounds, presented the following report and recommendation:

As a part of the general program to provide additional office and laboratory facilities for this fall, the Director of the Physical Plant and the Vice-President and Comptroller recommend leasing of quarters in the building at 1102A West Main Street, Urbana.

This building was formerly occupied by the Jewel Tea Company as part of the Eisner store chain. Recently, Mr. Cyrus Vaughn of Champaign acquired this building, and the space has been offered to the University of Illinois.

Approximately 1,368 square feet of space can be leased at a rental of \$150 a month (\$1.32 per square foot); and the lessor will:

1. Do the necessary remodeling to make the storeroom usable.
2. Subdivide the large area with a partition.
3. Paint all the interior walls and ceilings.
4. Install a separate toilet.
5. Make available to the University certain parking facilities located at the rear of the building.
6. Be responsible for exterior maintenance, insurance, taxes, etc.

The University will assume the cost of electricity, heat, water, gas, custodian services, and any further alterations required for University use.

The College of Education and the University High School have a research program involving the filming of classroom techniques. The building at 1102A West Main Street will provide the necessary laboratory and office space. The personnel involved in the program have inspected the property and state that this space is suitable for their needs.

The annual rental (\$1,800) and the operation and maintenance cost (\$2,050) will require a total recurring appropriation of \$3,850. Funds are available to the College of Education in research contracts.

In view of the fact that no new academic buildings can be completed for another four-year period, it is recommended that this space be leased for a two-year period, commencing July 1, 1959.

This recommendation was previously submitted to the Committee on Buildings and Grounds and the Committee concurs.

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

ASSEMBLY HALL REVENUE BONDS

Mr. Swain, for the Finance Committee, offered the following resolution and moved its adoption:

Resolution Authorizing \$7,750,000 Assembly Hall Revenue Bonds, Series 1959

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 AN ASSEMBLY HALL IN THE VICINITY OF FLORIDA AVENUE AND FIRST STREET 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 an Assembly Hall (hereinafter sometimes called the "Project") having a seating capacity of approximately 18,500 persons; 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, 1957, 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, any Vice-President, the Secretary, any Assistant Secretary, the Treasurer or the 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 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 maximum dollar amount of University income authorized by law to be retained in the treasury of the University pledged or to be pledged to supplement the revenues of the facilities for the payment of all Bonds then outstanding and then to be issued, plus

(f) the income during the preceding fiscal year from investments of funds in the Interest Reserve 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. 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.

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 and reasonable repairs necessary to properly maintain such facilities (including reasonable reserves therefore), taxes (if any), fees and expenses of the paying agents and any expenses required to be paid pursuant to this Resolution but excluding depreciation, capital replacements and improvements 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 Sears Bank and Trust Company or its successors in the City of Chicago, Illinois.

The term "*Project Site*" shall mean that parcel of real estate situated in the State of Illinois, the County of Champaign and being a part of the North one-half of Section 19, Township 19 North and Range 9 East of the Third Principal Meridian, and being more fully bounded and described as follows:

"Beginning at the intersection of the south property line of Florida Avenue and the east property line of First Street, said corner being 58.02 feet distant south of the 55.0 feet distant east of the northwest corner of said Section 19, and being marked with an iron pipe; thence, southerly along the east property line of First Street, and parallel to the west Range Line of said Section 19, a distance of 1221.94 feet to the north property line of St. Mary's road, said corner being marked with an iron pipe; thence, easterly along the north property line of St. Mary's road, a distance of 1384.69 feet to the west property line of Fourth Street, said corner being marked with an iron pipe; thence, northerly along the west property line of Fourth Street, a distance of 1225.93 feet to the south property line of Florida Avenue, said corner being marked with an iron pin; thence, westerly along the south property line of Florida Avenue, a distance of 1371.67 feet to the place of beginning, containing 38.725 acres, more or less, excepting the south 204.70 feet of the west 116.35 feet thereof."

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 an Assembly Hall, which is to be a multiple-purpose building suitable for concerts, theatrical events, convocations, athletic events, exhibits and other purposes, including adjacent parking facilities and located between First and Fourth Streets in Champaign, Illinois.

The estimated cost of said Project is \$7,750,000 exclusive of land and exclusive of any pro rata part of the University power and heating plant serving the Project all as 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 the Project, that the University borrow the sum of Seven Million Seven Hundred Fifty Thousand Dollars (\$7,750,000) and in evidence thereof to issue its Assembly Hall Revenue Bonds hereunder in said principal amount.

SECTION 2.03. *Terms of Series 1959 Bonds.* The Bonds to be initially issued hereunder shall be substantially in the form and of the tenor and purport hereinafter set forth, shall be designated "The Board of Trustees of the University of Illinois Assembly Hall Revenue Bonds, Series 1959" (hereinafter called "Series 1959 Bonds") and shall be limited to the aggregate principal amount of Seven Million Seven Hundred Fifty Thousand Dollars (\$7,750,000) at any one time outstanding.

The Series 1959 Bonds shall be issued as negotiable coupon bonds dated July 1, 1959, 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, 1959, in which case they shall be dated July 1, 1959. 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 1959 Bonds shall bear interest from July 1, 1959, payable semi-annually on the first days of April and October in each year until paid, commencing October 1, 1959, at the rate of two and one-half per cent ($2\frac{1}{2}\%$) per annum until October 1, 1961 and thereafter at the rate of four and three-quarters per cent ($4\frac{3}{4}\%$) per annum and shall be expressed to mature on October 1, 1984.

The Series 1959 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, 1982.....	1%
April 1, 1983 and thereafter without premium.	

The Series 1959 Bonds shall also be redeemable prior to their maturity on any interest payment date on and after, but not prior to October 1, 1966, through the operation of the Bond Retirement Account and at the option of the Board of Trustees out of surplus moneys remaining in the Assembly Hall Revenue Bond Fund in any fiscal year after first complying with all provisions of subsections (a) and (b), of Section 5.02 hereof at the principal amount thereof, together with interest accrued thereon to the date fixed for redemption plus a premium equal to 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, 1966 through October 1, 1969.....	2½%
April 1, 1970 through October 1, 1973.....	2 %
April 1, 1974 through October 1, 1977.....	1½%
April 1, 1978 through October 1, 1981.....	1 %
April 1, 1982 and thereafter without premium.	

The Series 1959 Bonds shall also be redeemable through the operation of the Fixed Sinking Fund provided for in Article Eight hereof, 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 hereof.

SECTION 2.04. *Payment of Principal and Interest.* Both the principal and the interest on the Series 1959 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 and Trust Company, or its successor, in the City of Chicago, Illinois.

SECTION 2.05. *Form of Bonds.* The definitive coupon Series 1959 Bonds, the interest coupons to be attached thereto, the form of fully registered Series 1959 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 ASSEMBLY HALL
REVENUE BOND
Series 1959

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, 1984, and to pay interest on said sum from the date hereof until October 1, 1961 at the rate of two and one-half per cent (2½%) and thereafter until paid at the rate of four and three-quarters per cent (4¾%) per annum, payable October 1, 1959, and semi-annually 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 coupon 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 Sears Bank and Trust Company, or its successor, in the City of Chicago, Illinois.

This bond is one of an initial authorized issue of Seven Million Seven Hundred Fifty Thousand Dollars (\$7,750,000) principal amount of Assembly Hall Revenue Bonds, Series 1959, 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 1959, for the purpose of providing funds for paying the cost of constructing and equipping an Assembly Hall 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, 1982.....	1%
April 1, 1983 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, through the operation of the Bond Retirement Account and at the option of the Board of Trustees out of surplus moneys remaining in the Assembly Hall Revenue Bond Fund in any fiscal year after first complying with all provisions of subsections (a) and (b) of Section 5.02 of the Resolution at the principal amount thereof, together with interest accrued thereon to the date fixed for redemption plus a premium equal to 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, 1966 through October 1, 1969.....	2½%
April 1, 1970 through October 1, 1973.....	2 %
April 1, 1974 through October 1, 1977.....	1½%
April 1, 1978 through October 1, 1981.....	1 %
April 1, 1982 and thereafter without premium.	

The bonds of this series are also redeemable through the operation of the Fixed Sinking Fund provided for in Article Five of the 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 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 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 shall have been duly called for redemption, interest thereon shall cease from and after the specified redemption date if redemption moneys 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, 1957, 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 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.

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 Comptroller of the University 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, 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 registerable 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 (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 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, 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 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 signed by 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 July, 1959.

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 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 Sears Bank and Trust Company, in the City of Chicago, Illinois, as provided in the Assembly Hall Revenue Bond, Series 1959, dated July 1, 1959, Number.....

.....
<i>Secretary</i>	<i>President</i>

(Form for Registration of Coupon Bond)

<i>Date of Registration</i>	<i>Name of Registered Owner</i>	<i>Signature of Registrar</i>
.....
.....
.....

(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 1959

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, 1984, 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), until October 1, 1961 at the rate of two and one-half per cent (2½%) per annum and thereafter at the rate of four and three-quarters per cent (4¾%) per annum on the unpaid balance thereof, said interest being payable October 1, 1959, 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 Seven Million Seven Hundred Fifty Thousand Dollars (\$7,750,000) principal amount of Assembly Hall Revenue Bonds, Series 1959, 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, 1959, for the purpose of providing funds for paying the cost of constructing and equipping an Assembly Hall 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, 1982.....	1%
April 1, 1983 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, through the operation of the Bond Retirement Account and at the option of the Board of Trustees out of surplus moneys remaining in the Assembly Hall Revenue Bond Fund in any fiscal year after first complying with all provisions of sub-

sections (a) and (b) of Section 5.02 of the Resolution at the principal amount thereof, together with interest accrued thereon to the date fixed for redemption plus a premium equal to 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, 1966 through October 1, 1969.....	2½%
April 1, 1970 through October 1, 1973.....	2 %
April 1, 1974 through October 1, 1977.....	1½%
April 1, 1978 through October 1, 1981.....	1 %
April 1, 1982 and thereafter without premium.	

The bonds shall also be redeemable through the operation of the Fixed Sinking Fund provided for in Article Five of the 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 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, 1957, 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 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 registerable 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 (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, 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 signature of its President and signed by 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

By

President

.....
Member

.....
Member

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 Comptroller of the University 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 therein, 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 Comptroller of the University 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. Such registrations and discharges from registration shall be without expense to the holder of the Bonds.

Any registered Bond without coupons may be transferred at the office of the Comptroller of the University by surrender of such Bond for cancellation, accompanied by delivery of a written instrument of transfer duly executed by the registered owner of such Bond or his duly authorized attorney, and thereupon the University may, but shall not be required to, 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 the office of the Comptroller of the University 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 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 may, but shall not be required to, issue, in exchange for such coupon Bonds, 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 duly executed by the registered owner of such Bond or his duly authorized attorney, at the office of the Comptroller of the University, for exchange for coupon Bonds, and whenever the University shall elect not to issue new registered Bonds without coupons upon presentation of any such fully registered Bond or Bonds for transfer 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 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 2.09. *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 them, 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, and of the expenses which may be incurred by the University in the premises.

ARTICLE THREE

REDEMPTION OF BONDS

SECTION 3.01. 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. Any such published notice shall be deemed sufficiently given if it shall have been published at least once in each of two successive calendar weeks in such newspaper and if the first such publication shall have been made not less than 30 days nor more than 60 days prior to such redemption date. Such notice shall with substantial accuracy (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 of redemption of Bonds through the operation of any sinking fund or the Bond Retirement Account, Bonds shall be selected for redemption and such redemption shall likewise be made upon publication and/or mailing of notice in the manner and with the effect provided in this Article.

SECTION 3.02. In case the University shall have elected to redeem less than all of the outstanding Bonds of any series or maturity, or in case less than all the outstanding Bonds of any series or maturity shall be redeemed through the operation of any sinking fund applicable thereto or of the Bond Retirement Account, 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.

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 be made only upon presentation of such fully registered Bonds (a) for the notation thereon of such payment on account of principal, or (b) 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, 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 noting such payment thereon or 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.

The foregoing is subject to the condition that if, at the close of business on the fortieth day prior to a redemption date on which the University shall elect

to redeem all or any part of the Bonds of any series or a redemption date on which less than all the outstanding Bonds of any series are to be redeemed through the operation of any sinking fund or the operation of the Bond Retirement Account, all of the outstanding Bonds of such series shall be coupon Bonds registered as to principal, or fully registered Bonds, then publication of notice of redemption as provided in Section 3.01 of this Article shall not be required, but notice of such redemption shall be mailed by the University by registered or certified mail, postage prepaid, not less than 30 days nor more than 60 days prior to such redemption date to the registered owners of all Bonds to be redeemed to their respective addresses as the same shall then appear on the said registration books.

The foregoing provisions are further subject to the following conditions:

(i) if all of the Bonds of any series or maturity then outstanding are registered in the names of not to exceed 15 owners, the Bonds of such series and maturity so to be redeemed shall not be selected by lot as above provided, but the aggregate principal amount of Bonds of such series and maturity to be redeemed shall be apportioned by the University pro rata, as nearly as practicable in amounts of \$1,000 or any integral multiple thereof, among the registered owners of Bonds of such series and maturity of record, in the proportion that the aggregate principal amount of Bonds of such series and maturity held by each such registered owner bears to the aggregate principal amount of Bonds of such series and maturity then outstanding; and

(ii) if all the then outstanding Bonds of such series and maturity are not registered or are registered in the names of more than 15 owners, but one or more of the then outstanding Bonds of such series and maturity are then registered in the name of any of the initial holders in whose names such Bonds were first registered, the aggregate principal amount of Bonds to be redeemed shall be apportioned by the University pro rata, as nearly as practicable in amounts of \$1,000 or any integral multiple thereof, between each such initial holder concerned and, collectively, all of the other then owners of such outstanding Bonds in the proportion that the aggregate principal amount of registered Bonds of such series and maturity held by each such initial holder concerned, and the aggregate principal amount held, collectively, by holders other than initial holders respectively bears to the aggregate principal amount of such Bonds then outstanding, provided that the amount so apportioned for redemption of such Bonds not registered in the name of any of the said initial holders shall be applied to the redemption of such of said Bonds of such series and maturity as are selected by lot in the manner above provided.

In all cases, the cost and expenses of preparation, publication, and mailing of said notice of redemption shall be paid by the University.

SECTION 3.03. 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 Sears Bank and Trust Company, or its successor in the City of Chicago, Illinois, as paying agent, 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 paying agent, 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. 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 Twelve 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. 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.

SECTION 3.06. *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 the same proportion of the outstanding Bonds of each other series then subject to redemption are redeemed at the same time; 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.

ARTICLE FOUR

ISSUANCE OF BONDS

SECTION 4.01. *Issuance of Series 1959 Bonds.* Series 1959 Bonds in the principal amount of Seven Million Seven Hundred Fifty Thousand Dollars (\$7,750,000) 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 Series 1959 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;

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 as provided in clause B above, the Net Income Available for Debt Service shall be equal to or greater than one and twenty-five hundredths (1.25) times the maximum amount to become due in any succeeding fiscal year prior to June 30, 1984, for the purpose of making Fixed Sinking Fund payments and interest payments on the Bonds then outstanding hereunder and the Bonds then to be issued, less any Bonds which are to be redeemed or retired with the proceeds of such additional Bonds or concurrently with issuance thereof.

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. Any additional Bonds issued in accordance with this Section shall mature not earlier than October 1, 1984, except that provisions may be made for a fixed sinking fund for the benefit of such additional Bonds having the effect of amortizing such additional Bonds over a period not shorter than the remaining life of any of the then outstanding Bonds. For the purpose of this Section any computation of Net Income Available for Debt Service prepared 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. *Assembly Hall Revenue 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,
(2) the operation of any other revenue producing facilities for the account of which additional Bonds may hereafter be issued; and
(3) 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 "Assembly Hall Revenue 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 Assembly Hall Revenue Bond Fund and shall be used as provided in Section 5.02 hereof.

SECTION 5.02. *Disposition of Assembly Hall Revenue Bond Fund.* The funds in the Assembly Hall Revenue Bond Fund shall be used in the manner and in the order hereinafter mentioned:

(a) All current operating expenses shall first be paid from the Assembly Hall Revenue Bond Fund.

(b) There are hereby created an Interest Account, Interest Reserve Account, a Fixed Sinking Fund Account and a Bond Retirement Account

each of which accounts shall be maintained with Sears Bank and Trust Company or its successor in the City of Chicago, Illinois, which bank is hereby designated as the depository for said accounts and into which there shall be deposited in the manner and in the order hereinafter mentioned, monies held in the Assembly Hall Revenue Bond Fund after first complying with the provisions of subsection (a) above, in accordance with the following provisions:

(i) There shall be deposited to the credit of the Interest Account, semiannually not later than ten days prior to April 1 and October 1 of each year, funds which, together with any funds then on deposit in said account, will be sufficient to pay the interest becoming due on the next ensuing interest payment date and such funds shall be used for the payment of said interest.

(ii) There shall be deposited to the credit of the Interest Reserve Account semiannually within sixty days following June 30 and December 31 of each year all funds remaining in the Assembly Hall Revenue Bond Fund until such time and until such funds and investments (valued at the lower of cost or market) and the income and profit realized from any investment thereof are at least equal to all interest due and to become due on all then outstanding bonds for the succeeding twenty-four month period. Said funds shall be held and used only for the payment of interest due on said bonds by transferring said funds to the Interest Account at any time when there are no other funds available to pay interest then due on said Bonds, and to the extent necessary, funds to the credit of the Interest Reserve Account shall be transferred to the credit of the Interest Account for payment of interest, and if at any time by reason of such transfer, said Interest Reserve Account is reduced below an amount equal to the interest due and to become due on all the then outstanding Bonds for the next succeeding twenty-four month period, funds shall again be deposited to the credit of said Interest Reserve Account from the Assembly Hall Revenue Bond Fund in the manner hereinbefore provided until said Interest Reserve Account contains an amount equal to all interest due and to become due on all then outstanding Bonds for the next succeeding twenty-four month period. The funds of said Interest Reserve Account may be invested in United States Government Securities maturing not more than three (3) years after the date of purchase. If, at any time and from time to time, said funds on deposit in the Interest Reserve Account shall exceed an amount equal to all interest due and to become due on all then outstanding Bonds for the next succeeding twenty-four month period, the excess, if any, may at the option of the University, be transferred to the Interest Account in anticipation of interest to become due on the Bonds on succeeding interest payment dates.

(iii) After complying with the provisions of subsections (i) and (ii) above there shall be deposited to the credit of the Fixed Sinking Fund Account such amount as shall be necessary to meet the Fixed Sinking Fund payments required to be made by Article Eight during the next succeeding twelve (12) month period.

(iv) Annually within sixty (60) days following June 30, 1966 and June 30 of each year thereafter there shall be credited to the Bond Retirement Account an amount equal to the greater of (1) 12½% of the sum of (x) the Fixed Sinking Fund Payment required to be made on the next ensuing October 1 pursuant to Article Eight hereof plus (y) the interest paid or accrued on all Bonds outstanding during the 12 months period preceding such June 30 or (2) fifty per cent (50%) of all funds credited to the Assembly Hall Revenue Bond Fund during the preceding fiscal year after deduction for all amounts withdrawn from said Fund pursuant to subsection (a) above and clauses (i), (ii) and (iii) of this subsection (b). Funds so credited to the Bond Retirement Account shall be used for the redemption of Bonds in accordance with the provisions of Article Nine hereof.

(c) All funds remaining in said Assembly Hall Revenue Bond Fund

in any fiscal year in excess of the amount needed to satisfy the next succeeded Fixed Sinking Fund Payment 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 coupon thereto attached at the lowest prices reasonably attainable, but not exceeding the amount at which such Bonds at the time are redeemable at the option of the University; (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) hereinabove; and (5) for any lawful purpose as the Board of Trustees may direct.

SECTION 5.03. *Supplementation of Revenues.* It is hereby determined by the Board of Trustees, and it is hereby covenanted that it is necessary to supplement revenues to be derived from the facilities, referred to in this Resolution, by the use of University income which is authorized by law to be retained in the Treasury of the University, and it is hereby further covenanted that if at the close of any fiscal year there is a deficiency in the Assembly Hall Revenue Bond Fund to provide for operating expenses of the facilities and/or making the deposits in the Interest Account, the Interest Reserve Account, the Fixed Sinking Fund Account and the Bond Retirement Account provided for in Section 5.02 of this Resolution in the required amounts, the Board of Trustees shall within sixty (60) days after the close of the fiscal year deposit to the credit of the said Assembly Hall Revenue Bond Fund out of University income authorized by law to be retained in the Treasury of the University, a sum sufficient to make up such deficiency in order to meet the annual cost of maintenance and operation of the facilities, and provide for all the accounts and covenants provided for by this Resolution or any resolution supplemental hereto, but such amount shall not, however, 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 Interest Account, Interest Reserve Account, the Fixed Sinking Fund Account and the Bond Retirement Account established for the benefit of the Bonds in subsection (b) of Section 5.02 hereof or (b) \$200,000, plus such additional sums as may be specified in any resolution supplemental hereto creating or authorizing the issuance of additional Bonds.

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 shall be deposited in the Interest Reserve Account, together with such portion of the proceeds of the Bonds as is determined by the Board of Trustees to be necessary to set apart representing interest 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. The remaining part of such purchase price shall be retained by the University and accounted for as a separate fund or funds for each project to be known as a "Construction Fund Account" for such project and such moneys shall be deposited in a bank or banks which are members of the Federal Deposit Insurance Corporation. The moneys 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 three (3) years 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 Assembly Hall Revenue Bond Fund. 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 (i) the redemption of such Bonds or other Bonds then subject to redemption, (ii) the purchase of Bonds on the open market, or (iii) the construction of additional facilities by the transfer of such funds to another Construction 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 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 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 Project Site and the right to construct, equip, operate, enlarge, improve, maintain, control and manage the Project and it, or the State of Illinois, has indefeasible title in fee simple to the Project Site 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.

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 lawfully 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 (when supplemented to the extent set forth in Section 5.03) to pay the reasonable cost of operating and maintaining the facilities, and to provide Net Income Available for Debt Service of not less than one and twenty-five one hundredths (1.25) times the fixed annual debt service for the then current fiscal year and maintain the aforesaid Interest Account, Interest Reserve Account, Fixed Sinking Fund Account, and the Bond Retirement Account, and that it will collect and account for and apply the aforesaid income and revenues in accordance with and as provided by this Resolution.

Student service charges for the use of the Project shall initially be charged at the rate of sixteen dollars (\$16) per student per semester beginning with the semester following the date of substantial completion of the Project.

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, 1960 furnish 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 an independent public accountant or 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 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 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 Retirement Account.

ARTICLE EIGHT

FIXED SINKING FUND FOR SERIES 1959 BONDS

SECTION 8.01. The University covenants that so long as any of the Series 1959 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 1959 Bonds, the sum in cash on October 1 of each of the years 1967 through 1982, both inclusive (October 1 of each of said years being hereinafter referred to as "sinking fund payment dates") as follows:

<i>Year</i>	<i>Amount</i>
1967	\$135,000
1968	195,000
1969	250,000
1970	320,000
1971	340,000
1972	360,000
1973	385,000
1974	410,000
1975	430,000
1976	460,000
1977	485,000
1978	510,000
1979	540,000
1980	575,000
1981	605,000
1982	200,000

SECTION 8.02. All amounts so paid as and for the sinking fund shall be applied to the redemption of outstanding Series 1959 Bonds in the manner and upon the terms and conditions specified in Article Three hereof at a redemption price equal to the principal amount of the Series 1959 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 Article Three not less than thirty (30) days prior to each sinking fund payment date so that the Series 1959 Bonds to be redeemed through the operation of said sinking fund will be redeemed on each of said sinking fund payment dates.

SECTION 8.03. It is the intention hereof that the sinking fund payments made under Section 8.01 shall be applied to the redemption of the Series 1959 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 1959 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 NINE

DISPOSITION OF BOND RETIREMENT ACCOUNT

SECTION 9.01. The University covenants that so long as any Bonds shall remain outstanding it will on October 1, 1966 and on October 1 of each year thereafter apply all funds on deposit in the Bond Retirement Fund to the redemption of outstanding Bonds in the manner and upon the terms and conditions specified in Article Three hereof at a redemption price equal to the principal amount of the Bonds so redeemed plus accrued interest thereon to the date of redemption, together with a premium in the case of the Series 1959 Bonds equal to the following percentages of such principal amounts if redeemed during the following periods respectively:

<i>Period of Redemption</i>	<i>Applicable Premium</i>
October 1, 1966 through October 1, 1969.....	2½%
October 1, 1970 through October 1, 1973.....	2 %
October 1, 1974 through October 1, 1977.....	1½%
October 1, 1978 through October 1, 1981.....	1 %
October 1, 1982 and thereafter without premium.	

With respect to any series of Bonds, other than the Series 1959 Bonds, the applicable premium, if any, shall be set forth in the resolution supplemental hereto creating or authorizing the issuance of such additional series of Bonds.

SECTION 9.02. The University covenants that it will publish and/or mail notices as required by Article Three not less than thirty (30) days prior to October 1 of each of the years in which Bonds are to be redeemed out of funds on deposit in the Bond Retirement Fund so that the Bonds so to be redeemed will be redeemed on October 1 of said years.

SECTION 9.03. It is the intention hereof that payments to be made pursuant to this Article Nine shall be applied to the redemption of Bonds in principal amount plus the premium, if any, equal to such payments and 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 simultaneously with each redemption out of funds in the Bond Retirement Account a further sum equal to the unpaid interest to the designated redemption date on the Bonds so to be redeemed from funds on deposit in the Interest Account or the Interest Reserve Account and all expenses of redemption of the Bonds pursuant to this Article Nine shall be paid by the University from the Assembly Hall Revenue Bond Fund and shall not be charged against the moneys on deposit in the Bond Retirement Account and required to be applied to the redemption of Bonds pursuant to the provisions hereof.

ARTICLE TEN

EVENTS OF DEFAULT

SECTION 10.01. *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 Interest Reserve Account, the Fixed Sinking Fund Account

or the Bond Retirement 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 two hundred seventy (270) 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 Assembly Hall Revenue 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 10.02. *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 ELEVEN

MODIFICATION AND AMENDMENT OF THE RESOLUTION

SECTION 11.01. *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 11.04, 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 11.02. *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 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 11.03. *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 11.03 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 11.04. *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 11.01, 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 11.02 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 11.01. 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 11.03. 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 11.05. *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 11.06. *Endorsement of Bonds.* Bonds delivered after the effective date of any action taken as provided in this Article Eleven 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, authenticated 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 11.07. *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 TWELVE

MISCELLANEOUS

SECTION 12.01. *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 12.02. *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 12.03. *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 paying agent 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 paying agent 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 paying agent 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 accord-

ing 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 paying agent, as trust funds, and are available for payments of such Bond or coupon upon demand.

SECTION 12.04. *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 12.05. *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 12.06. *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 12.07. *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 12.08. *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 12.09. *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 12.10. *Resolution Effective on Passage.* This Resolution shall become effective upon its passage.

President

Attest:

Secretary

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.

This 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. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

RESOLUTION ON ASSEMBLY HALL BONDS PURCHASE AGREEMENTS
Mr. Swain, for the Finance Committee, 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 construct and equip an Assembly Hall, and the officers of the University have negotiated separate Bond Purchase Agreements (hereinafter sometimes called "Purchase Agreements") with fourteen Insurance Companies as follows: Allstate Insurance Company, Allstate Life Insurance Company, Continental Casualty Company, The Lincoln National Life Insurance Company, State Farm Mutual Automobile Insurance Company, State Farm Life Insurance Company, State Farm Fire and Casualty Company, Connecticut General Life Insurance Company, Country Life Insurance Company, General American Life Insurance Company, Nationwide Life Insurance Company, Nationwide Mutual Insurance Company, Mutual Trust Life Insurance Company, and North American Life Insurance Company of Chicago (said Insurance Companies being hereinafter sometimes referred to as "Purchasers"), providing for the sale to said Purchasers of \$7,750,000 aggregate principal amount of Assembly Hall Revenue Bonds, Series

1959 (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 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 \$7,750,000 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 \$7,750,000;

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 and 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 \$7,750,000 aggregate principal amount of the Bonds at a price of 100 per cent of the principal amount thereof, plus accrued interest thereon from the date of said Bonds to the date of delivery thereof 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 \$7,750,000 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 \$7,750,000, and in such denominations as may be requested by the Purchasers thereof, and thereafter to sell and deliver the said \$7,750,000 aggregate principal amount of the Bonds to the Purchasers at a price of 100 per cent of the principal amount thereof plus accrued interest thereon from the date of the said Bonds to the date of delivery thereof, 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.

This 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. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

DEGREES CONFERRED IN JUNE

The Secretary presented for record the following lists of degrees conferred at the Chicago Professional Colleges on June 12, 1959, and at Urbana on June 13, 1959, in accordance with the authorization of the Board of Trustees.

Summary

Honorary Degrees, conferred at Urbana:

Doctor of Literature.....	1
Doctor of Laws.....	1
Doctor of Engineering.....	1
Doctor of Science.....	1
<i>Total, Honorary Degrees.....</i>	<i>(4)</i>

Degrees in the Graduate College, conferred at Urbana:

Doctor of Philosophy.....	101
Doctor of Education.....	6
Master of Arts.....	85
Master of Science.....	357
Master of Music.....	12
Master of Education.....	76
Master of Social Work.....	21
Master of Fine Arts.....	5
Master of Architecture.....	5
Master of Accounting Science.....	1
Advanced Certificate in Education.....	3
<i>Total, Graduate College.....</i>	<i>(672)</i>

Degrees in Law, conferred at Urbana:

Bachelor of Laws.....	53
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Degrees in Veterinary Medicine, conferred at Urbana:

Bachelor of Science.....	36
Doctor of Veterinary Medicine.....	25
<i>Total, Veterinary Medicine.....</i>	<i>(61)</i>

Baccalaureate Degrees, conferred at Urbana:

Bachelor of Science, College of Agriculture.....	191
Bachelor of Science, College of Engineering.....	331
Bachelor of Arts, College of Liberal Arts and Sciences.....	271
Bachelor of Science, College of Liberal Arts and Sciences.....	214
Bachelor of Science, College of Education.....	144
Bachelor of Science, College of Commerce and Business Administration..	233
Bachelor of Science, College of Journalism and Communications.....	60
Bachelor of Architecture, College of Fine and Applied Arts.....	70
Bachelor of Fine Arts, College of Fine and Applied Arts.....	65
Bachelor of Music, College of Fine and Applied Arts.....	5
Bachelor of Science, College of Fine and Applied Arts.....	37
Bachelor of Science, College of Physical Education.....	54
Bachelor of Science, Division of Special Services for War Veterans.....	57
<i>Total, Baccalaureate Degrees.....</i>	<i>(1,732)</i>
<i>Total, Degrees Conferred at Urbana.....</i>	<i>(2,522)</i>

Honorary Degree, conferred at Chicago:

Doctor of Science.....	1
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Degrees in the Graduate College, conferred at Chicago:

Doctor of Philosophy.....	8
Master of Science.....	37
<i>Total, Graduate College.....</i>	<i>(45)</i>

Degrees in Dentistry, conferred at Chicago:

Doctor of Dental Surgery.....	64
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Degrees in Medicine, conferred at Chicago:

Bachelor of Science in Occupational Therapy.....	18
Doctor of Medicine.....	153
<i>Total, Medicine.....</i>	<i>(171)</i>

Degrees in Nursing, conferred at Chicago:

Bachelor of Science.....	13
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Degrees in Pharmacy, conferred at Chicago:

Bachelor of Science.....	93
<i>Total, Degrees Conferred at Chicago.....</i>	<i>(387)</i>
<i>Total, Urbana and Chicago.....</i>	<i>2,909</i>

Degrees Conferred at Urbana

HONORARY DEGREES

Degree of Doctor of Literature

THOMAS WHITFIELD BALDWIN

Degree of Doctor of Laws

ARTHUR SHERWOOD FLEMMING

Degree of Doctor of Engineering

JOHN IRA PARCEL

Degree of Doctor of Science

WENDELL MEREDITH STANLEY

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Accountancy

PATRICK SAMUEL KEMP, A.B., Rice Institute, 1953; M.P.A., University of Texas, 1956

RAYMOND LEROY MCGARVEY, B.S., University of Pennsylvania, 1955; M.S., 1956

HUSSEIN AMER SHARAF, B.Com., M.Com., University of Cairo, 1952, 1955

In Aeronautical Engineering

LEMBIT POTTSEPP, B.S., M.S., 1953, 1954

CLIVE GORDON WHITTENBURY, B.S., Manchester University, 1954; M.S., 1956

JAMES XERIKOS, B.S., M.S., 1953, 1956

In Agricultural Economics

RONALD STUART RUST, B.S., University of Manitoba, 1952; B.Ed., A.M., University of Alberta, 1953, 1957

In Agronomy

ROBERT BRUCE GROSSMAN, B.S., M.S., Cornell University, 1952, 1954

In Animal Nutrition

ALAN JONATHAN SHEPPARD, B.S., Ohio State University, 1951; M.S., Virginia Polytechnic Institute, 1955; M.S., 1956

SHREEPAD RAMCHANDRA WAGLE, B.S., M.S., University of Bombay, 1953, 1955

In Animal Science

BILLY GENE DIGGS, B.S.A., M.S., University of Arkansas, 1955, 1956

MAX WALTER ALBERT MOELLER, JR., B.S., M.S., 1951, 1956

In Bacteriology

TAMAR BEN PORAT, Certificate, University of Paris, 1949; M.S., Hebrew University, 1954

In Botany

DONALD ALFRED LARSON, B.S., Wheaton College (Illinois), 1953; M.S., 1955

ANNIE LOUISE RICHARDSON, B.S., Johnson C. Smith University, 1944; M.S., 1954

JAMES McDONALD ROMINGER, B.S., Eastern Illinois University, 1950; M.S., University of New Mexico, 1955

MUNIPALLI SANKARANARAYANA SARMA, B.S., M.S., University of Mysore, 1942, 1943

In Business

JOSEPH AUGUST LITTERER, B.S., M.B.A., Drexel Institute of Technology, 1950, 1955
WAYLAND AVERY TONNING, B.S., M.S., 1953, 1954

In Ceramic Engineering

ROBERT LEIF HALLSE, B.S., M.S., 1956, 1957
VICTOR JOSEPH TENNERY, B.S., M.S., 1954, 1955

In Chemical Engineering

HISAO KADA, B.E., Tokyo University, 1943; M.S., 1957
HAROLD LAVERNE SUCHAN, B.S., University of Idaho, 1952; M.S., 1957

In Chemistry

NATHAN LOUIS BAULD, B.S., West Virginia University, 1956
ROBERT ALLAN BERNHEIM, B.S., Brown University, 1955; A.M., Harvard University, 1957
WAYNE REX CARPENTER, A.B., Pomona College, 1956
THOMAS CLARK FARRAR, B.S., Municipal University of Wichita, 1954
FORREST CRAVER GRIMM, B.S., Dickinson College, 1955
RICHARD THOMAS HAWKINS, A.B., Brigham Young University, 1951
THEODORE CHARLES MILLER, A.B., Princeton University, 1955
DAVID KELMER ROE, A.B., Pacific Lutheran College, 1954; M.S., State College of Washington, 1956
ALVIN LAVERNE SCHALGE, A.B., Michigan State Normal College, 1954; M.S., 1956
RONALD MCLEAN SCOTT, B.S., Wayne University, 1955

In Civil Engineering

ALFREDO HUA-SING ANG, B.S., Mapua Institute of Technology, 1954; M.S., 1957
EUGENE CHESSON, JR., B.S., Duke University, 1950; M.S., 1956
THOMAS SAMUEL FRY, B.S., M.S., 1950, 1953
MAHENDRA RATILAL MEHTA, B.E., Gujarat University, 1953; M.S., Purdue University, 1955
EDWIN STUART TOWNSLEY, B.S., United States Military Academy, 1949; M.S., 1957

In Communications

WALTER HAVRE HOLLINS, B.S., Florida Agricultural and Mechanical College, 1944; A.M., University of Minnesota, 1945
RICHARD EUGENE O'BRIEN, A.B., A.M., University of Missouri, 1950, 1951

In Dairy Science

NICHOLAS TAKATERU NAKABAYASHI, B.S., Utah State University of Agriculture and Applied Science, 1949; M.S., 1953

In Economics

HOWARD JENNINGS MCBRIDE, B.S., M.S., 1950, 1954

In Education

JOSEPH JAMES CHAMBLISS, B.S., Illinois State Normal University, 1950; A.M., University of Alabama, 1954
ROBERT BRUCE HUGHES, B.S., M.S., University of Washington, 1949, 1954
NORVAL LEE PIELSTICK, A.B., Linfield College, 1948; M.S., State College of Washington, 1951

In Electrical Engineering

FRANK FU FANG, B.S., National Taiwan University, 1951; M.S., University of Notre Dame, 1954
ROLAND EVERETT THOMAS, B.S. (Agricultural Engineering), B.S. (Electrical Engineering), New Mexico Agricultural and Mechanical College, 1951, 1952; M.S., Stanford University, 1953

In English

- NEIL FRANCIS BRENNAN, A.M., University of Chicago, 1949
WILLIAM HENRY NOLTE, A.B., University of Missouri, 1951; A.M., University of Texas, 1952
PIN CHOW TU, A.B., National Central University, 1943; A.M., 1953
GEORGE THOMAS WATKINS III, A.B., A.M., Wake Forest College, 1942, 1948

In Entomology

- JOHN JOSEPH CORRIGAN, A.B., Carleton College, 1950; M.S., 1957
ROBERT EARL LEWIS, A.B., Earlham College, 1952; M.S., 1956

In Food Technology

- MOHAN GUNDO KOKATNUR, B.S., University of Poona, 1951; B.S. (Technology), Nagpur University, 1953

In Geography

- HERBERT SLUTSKY, B.S., M.S., 1950, 1951

In Geology

- DONALD LAWRENCE BALLMANN, B.S., M.S., 1955, 1956
BRUCE FORBES BOHOR, B.S., Beloit College, 1953; A.M., Indiana University, 1955
EARL ALFRED CHRISTIANSEN, B.S., M.S., University of Saskatchewan, 1952, 1956
LORENCE GENE COLLINS, B.S., M.S., 1953, 1955
MEREDITH EGGERS OSTROM, A.B., Augustana College (Illinois), 1952; M.S., 1954
MARK RICH, A.B., University of California (Los Angeles), 1954; A.M., University of Southern California, 1956
HERMAN ELLIS ROBERSON, B.S., A.M., University of Texas, 1955, 1957
THOMAS KAY SEARIGHT, A.B., A.M., University of Missouri, 1951, 1952
THOMAS WILLIAM SMOOT, A.B., M.S., Miami University, 1954, 1956
JOHN ERNEST NOLAN WAINWRIGHT, B.S., University of Dayton, 1956; M.S., 1957

In German

- ANNE LIARD JENNINGS, A.B., Hunter College, 1950; A.M., Columbia University, 1954
HARRY WALTER PAULIN, A.B., North Central College, 1950; A.M., 1955

In History

- MARY JANETTE BOHL, A.B., Wheaton College (Illinois), 1951; A.M., 1956
JOHN HENRY CARY, B.S., University of Wisconsin, 1950; A.M., Pennsylvania State College, 1951
ROGER BURNHAM McSHANE, A.B., Wheaton College, 1938; Th.B., Princeton Theological Seminary, 1942

In Mathematics

- JAMES HARMAN ABBOTT, B.S., University of Colorado, 1946; M.S., Southern Methodist University, 1949
JACK LEONARD GOLDBERG, B.S., College of the City of New York, 1954; M.S., 1956
GENE HOWARD GOLUB, B.S., A.M., 1953, 1954
FRANK JOHN HAHN, A.B., University of Rochester, 1951; A.M., 1956
JERRY CHALMERS MCCALL, A.B., A.M., University of Mississippi, 1951, 1951; M.S., 1956
PAUL ROBERT PEABODY, B.S., A.M., 1948, 1949
JAMES HAROLD SHELLY, A.B., Oberlin College, 1954; A.M., 1956
ROSEMARIE MARGARETE SCHEERER STEMMLER, A.B., Bucknell University, 1952; A.M., 1954

In Mechanical Engineering

- GLEN WALLACE ZUMWALT, B.S. (Naval Science and Tactics), B.S. (Mechanical Engineering), M.S., University of Texas, 1948, 1949, 1953

In Physical Education

JAMES LOWELL BREEN, B.S., Eastern Illinois University, 1948; M.S., 1949

In Physics

STEPHEN REYNOLDS ARNOLD, B.S., Massachusetts Institute of Technology, 1950; M.S., 1952

GLORIA WINKEL DE WIT, B.S., M.S., 1954, 1955

FREDERICK AUGUST OTTER, JR., B.S., Lehigh University, 1953; A.M., Temple University, 1955

WILLIAM MANOS PORTNOY, B.S., M.S., 1952, 1952

In Plant Pathology

EUGENE BRYSON HIMELICK, B.S., Ball State Teachers College, 1949; M.S., Purdue University, 1952

KHALIL RASHID LUBANI, B.S., Kansas State College of Agriculture and Applied Science, 1955; M.S., 1957

HARLAN LEON RHOADES, B.S., M.S., 1952, 1957

LUNG-CHI WU, B.S., M.S., National Taiwan University, 1954, 1956

In Political Science

BABATUNDE ABRAHAM WILLIAMS, A.B., Northland College, 1953; A.M., 1954

In Psychology

THOMAS HOLLISTER LYNCH, B.S., Purdue University, 1951

ARNOLD LEE MILLER, A.B., Washington University, 1952; A.M., Temple University, 1955

In Spanish

ALLIE WARD BILLINGSLEY, A.B., A.M., University of Mississippi, 1928, 1929

JOSEPH SCHRAIBMAN, A.B., Brooklyn College, 1955; A.M., 1956

In Speech

JACK DAVID ARMOLD, A.B., Bethany-Peniel College, 1950; A.M., Northwestern University, 1952

ERWIN PAUL BETTINGHAUS, JR., A.B., 1952; A.M., Bradley University, 1953

In Theoretical and Applied Mechanics

GEORGE ALBERT COSTELLO, B.C.E., Manhattan College, 1955; M.S., 1956

LEROY CARL EICHBERGER, B.S., M.S., 1951, 1955

NIELS CHRISTIAN LIND, C.E., Technical University of Denmark, 1953

ARCHIE MATHEWS, B.S., University of Massachusetts, 1953; M.S.E., University of Michigan, 1954

ROBERT EARL MILLER, B.S., M.S., 1954, 1955

In Veterinary Medical Science

MIODRAG RISTIC, D.V.M., Hanover Veterinary College (Germany), 1950; M.S., University of Wisconsin, 1954

Degree of Doctor of Education*In Education*

ALBERTA DEE HILL, B.S., University of Idaho, 1939; A.M., Columbia University, 1947

AHMET KEMAL OZINONU, Diploma, Gazi Teachers Training College, 1946; A.M., 1957

CLARENCE ALOIS PHILLIPS, B.Ed., State Teachers College (St. Cloud, Minnesota), 1937; A.M., University of Minnesota, 1942; M.S., Ed.M., 1948, 1952

JOHN LEON QUADAY, B.E., Winona State Teachers College, 1938; Ed.M., University of Minnesota, 1946

WILLIAM REYNOLDS SLOTHOWER, A.B., Cornell College, 1943; A.M., 1950
RALPH HENDERSON THOMPSON, A.B., Dickinson College, 1934; A.M., University of Delaware, 1948; Ed.M., 1950

Degree of Master of Arts

In Anthropology

JANET MATHEWS FITCHEN, A.B., Vassar College, 1958

In Art Education

HARRY FREDERICK BREEN, B.A.E., School of the Art Institute of Chicago, 1953

In Art History

GLORIA KATHERINE RENSCH, A.B., A.M., Northwestern University, 1939, 1940
ROSLYN MARIA RENSCH, B.Mus., M.Mus., Northwestern University, 1945, 1946

In Chemistry

NANCY SANDELIN PAISLEY, A.B., University of Minnesota, 1957

In Economics

RIKUMA ITO, A.B., 1956
RONALD EUGENE SIMMONS, B.S., 1955

In English

CAROL LINDA ANDERSON, A.B., Upsala College, 1958
JENE ERICK BEARDSLEY, A.B., Wheaton College (Illinois), 1958
JILL GENEVIEVE WALDRON RORABACH BOHLANDER, A.B., Illinois Wesleyan University, 1958
EVELYN HEIYEN BUCKALEW, A.B., Harpur College, State University of New York, 1957
DIANA MARIE DAVIDSON, A.B., Wheaton College (Illinois), 1956
DAVID VINCENT ERICKSON, A.B., 1958
BARBARA DINA FUERST, A.B., Indiana University, 1958
HYMEN HAROLD HART, A.B., College of Puget Sound, 1950
KAY LEONORE HENDERSON, A.B., Illinois Wesleyan University, 1958
RALPH HAROLD HOPPE, A.B., Concordia College, 1954
LINDSAY ALFRED MANN, B.S., University of Santa Clara, 1958
RICHARD THOMAS MARTIN, A.B., 1953
MARY ANN MCQUAID, A.B., Augustana College (Illinois), 1957
CAROLYN BRANT OSBURN, A.B., Marietta College, 1958
MARTHA PALEY, Profesorado, Instituto Nacional Del Profesorado Secundario (Argentina), 1956
MARY BROOKBANK REED, A.B., Millikin University, 1958
FRIEDA WEIR RUNSER, A.B., Mount Union College, 1957
WILMA FAYE SCHNEIDERMEYER, B.S., Southern Illinois University, 1954
JUDITH JOANNE TOLER, A.B., 1956
MARSHA WEISS, A.B., Brooklyn College, 1958
ALICE HUGGINS WILSON, A.B., 1957
MARTHA MARY WOODS, A.B., Monmouth College, 1957

In Geography

DIETER ROBERT ALTSCHUL, A.B., Harpur College, State University of New York, 1957

In German

ANNE MARIE MAIER, A.B., New York University, 1956

In Greek

SAMUEL IRA ABRAMS, A.B., Brooklyn College, 1958

In History

- BENJAMIN FRANKLIN BYERLY, B.S., Kansas State College of Agriculture and Applied Science, 1952
HSIAO HSIANG CHANG, A.B., 1954
EDWARD BURDETTE HAUSER, A.B., Oberlin College, 1951
LESTEL LEON LONG, A.B., Drury College, 1948
DAVID ROMAIN NISSEN, A.B., Wheaton College (Illinois), 1954
GARY LEE PELTIER, A.B., Michigan State University, 1958
TADASHI TATSUI, A.B., 1957
JORDAN GENE VOGEL, A.B., 1958

In Home Economics

- JEANNE MARGARET JACKSON, A.B., College of New Rochelle, 1949

In Labor and Industrial Relations

- ROBERT ELWOOD HARTZ, B.S., University of Alabama, 1934
WILLIAM MICHAEL HOOBEN, B.S., Springfield College, 1957
JOSEPH VALENTINE MARCONI, A.B., University of Michigan, 1957
ROBERT BRENDAN O'CONNOR, A.B., St. Joseph's College, 1954
EDWARD WILLIAM SMEDS, B.S., Carthage College, 1957

In Mathematics

- JESSE CORNELIUS LEWIS, B.S., Tougaloo College, 1953; M.S., 1955
THOMAS GEORGE MCKAY, A.B., Drew University, 1957

In Philosophy

- GEORGE CLIFFORD RICHARD SEPTON, A.B., University of British Columbia, 1951
RICHARD ALLEN TURSMA, A.B., University of Colorado, 1957

In Political Science

- CHARLES RAYMOND GREEN, A.B., Augustana College (Illinois), 1957
HAROLD GAYLON GREENHILL, B.S., Wisconsin State College (River Falls), 1958
JAMES WARD MANN, B.S., 1948

In Psychology

- BISHWA BANDHU CHATTERJEE, B.S., M.S., Benares Hindu University, 1941, 1943
ALAN ROBERT KOHN, B.S., Union College, 1950
WILLIAM BRONSON TODD, B.S., 1957

In Social Sciences

- DAVID ROGER WRONE, B.S., 1958

In Sociology

- LAWRENCE KEITH MILLER, A.B., Reed College, 1957

In Spanish

- CAROL ANN KOSS, A.B., 1958
JOSEPH SIRACUSA, A.B., University of Rochester, 1958
TERESA RIOS TREJO, Diploma, Normal Superior School (Mexico), 1956
MARIO JAMES VALDES, A.B., 1957
MARILYN WENDY WOODFORD, A.B., University of Washington, 1957

In Speech

- BARBARA NELL CONNELL, A.B., DePaul University, 1953
JAMES ALDEN EITRHEIM, A.B., Augustana College (South Dakota), 1958
LOWELL ROBERT GOLDEN, A.B., 1957
JIMMIE LONNIE MEESE, B.S., Mississippi State College for Women, 1958
LLOYD HOLDEN VINNEDGE, JR., A.B., University of Tulsa, 1949; B.D., Garrett Biblical Institute, 1953

In Statistics

SAE HO CHUNG, A.B., 1958

MOHAMMED KHALIL HAMID, B.S., Roosevelt University, 1957

PAUL EDWIN POTTER, Ph.B., M.S., Ph.D., University of Chicago, 1949, 1950, 1952

THOMAS SAKURADA, A.B., University of Hawaii, 1953

In the Teaching of Latin

ZOE MCGILL, A.B., College of Notre Dame (Maryland), 1958

In the Teaching of Social Studies

HELEN ELAINE BAUMGARTNER, B.S., Northwestern University, 1952

ALMYRA HAVENHILL, Ph.B., Northwestern University, 1956

CHARLES HAROLD HENRY, B.S., Illinois State Normal University, 1953

JOHN RICHARD LITSTER, B.S., M.S., 1956, 1957

JOHN ELLSWORTH MCGAUGHEY, A.B., 1958

WILLIAM WARREN MCKEEVER, B.S., 1958

JACK KAY RICHARDSON, B.S., Ball State Teachers College, 1958

RALPH WILLIAM SCHARNAU, A.B., Beloit College, 1957

DONALD LLOYD SCHULTZ, A.B., 1958

In the Teaching of Speech

LORA ANNETTE LOCONTE, A.B., Regis College, 1958

MARJORIE EILEEN YOUNG, B.S., 1942

ALICE GEORGE ZANETAKOS, A.B., 1958

Degree of Master of Science*In Accountancy*

RICHARD LEE DAVISON, B.S., 1954

NANCY ANN DESMOND, B.S., 1955

In Advertising

PAUL DANIEL SCHRAGE, A.B., Valparaiso University, 1957

In Aeronautical Engineering

JAMES THOMAS MARTIN, B.S., 1958

In Agricultural Economics

RAYMOND MERLE CARMICHAEL, B.S., 1958

THOMAS LEE FREY, B.S., 1958

REX ALAN PATTERSON, B.Com., University of Queensland, 1950

In Agricultural Education

ROSCOE RANDELL, B.S., 1951

In Agricultural Engineering

RICHARD TAYLOR BENNETT, B.S., University of Missouri, 1957

In Agronomy

JOE HOWARD CHERRY, B.S., University of Tennessee, 1957

BILLY JOE GOSSETT, B.S., University of Tennessee (Martin Branch), 1957

CHARLES ARTHUR LAIBLE, B.S., 1958

ROBERT MARION PHILLIPS, B.S., 1958

ROBERT JOSEPH REGINATO, B.S., University of California (Davis), 1957

In Animal Science

JIMMY DALE GARLICH, B.S., 1958

In Architectural Engineering

JOHN VERNON FOSTER, B.Arch., 1957

JOHN ARTHUR FRAZIER, B.S., 1952

WILLIAM WARD STEWART, B.Arch., 1956

In Astronomy

WILLIAM CLAUSEN YAGER, B.S., University of Tennessee, 1953; M.S., Drexel Institute of Technology, 1957

In Botany

VERN AUGUST MCMAHON, B.S., State Teachers College (St. Cloud, Minnesota), 1957

GAYLORD MONROE SMITH, A.B., Wabash College, 1957

MARGARET JANE LUNDEEN TAYLOR, A.B., Marietta College, 1957

In Ceramic Engineering

RUSSELL LEE BOLTON, B.S., 1955

RAYMOND GEORGE CAPEK, B.S., 1958

ERNEST FRED KARNER, B.S., 1957

In Chemical Engineering

JOHN WINDSOR HARDING, B.S., 1954

EARL RAMON HOSLER, B.Ch.E., University of Dayton, 1957

ALFREDO NICOLÁS USUBILLAGA, Chem.Engr., Escuela Politecnica Nacional (Ecuador), 1956

JOHN FRANCIS WELCH, B.S., University of Massachusetts, 1957

JOHN CLARENCE ZAHNER, B.S., 1956

In Chemistry

WILLIAM BERTRAM BARISH, B.S., University of Chicago, 1947

JAMES LEE BREWBAKER, B.S., University of Michigan, 1958

RICHARD LEWIS CARLIN, B.S., Brown University, 1957

ERNEST HAROLD DREW, B.S., University of Georgia, 1958

RICHARD ELMER EIBECK, B.S., University of Cincinnati, 1957

JAMES RICHARD HANLEY, JR., B.S., University of Rhode Island, 1956

JAMES EDWARD HUHEEY, B.S., University of Cincinnati, 1957

PIERRE EMIL KIENER, Dipl.Chem.Eng., Federal Institute of Technology, Zurich, 1947

DAVID MEARNES PAISLEY, B.S., West Virginia Wesleyan College, 1957

GARRY ARTHUR RECHNITZ, B.S., University of Michigan, 1958

STUART HUNTINGTON RIDER, B.Ch.E., Rensselaer Polytechnic Institute, 1943

LARRY CLARK THOMPSON, B.S., Willamette University, 1957

NEWTON DAVIS WERNER, B.S., University of California (Los Angeles), 1957

In Civil Engineering

FREDERICK MARTIN ANKLAM, B.S., United States Military Academy, 1954

NORMAN HUBERT BEDELL, B.S., United States Military Academy, 1954

LUIS DESIDERIO BELTRÁN-HERNÁNDEZ, B.S., University of Puerto Rico, 1955

HANS WALTER BERGHOLZ-WISSING, C.E., University of Chile, 1949

GERMAN ADOLFO BLOMEIER-GUZMAN, B.C.E., Rensselaer Polytechnic Institute, 1948

CHUNG-YUN CHIANG, B.S., National Tung-Chi University, 1948

JOHN HARTLEY DANIELS, B.S., University of Alberta, 1955

ARVIND KRISHNARAO DESAI, B.Eng., Karnatak University, 1956

KENNETH ALAN FAULKES, B.Eng., M.Eng., New South Wales University of Technology, 1955, 1958

ROBERT LAIRD FOSTER, B.S., University of Alberta, 1952

RAMON GUEMEZ-GARCIA, C.E., National Autonomous University of Mexico, 1958

MYLES RUSSELL HUTCHINSON, B.S., Virginia Military Institute, 1952

HARVEY ALEXANDER KAGAN, B.S., Columbia University, 1958

JAMIL ASGHAR KHAN, B.S., Punjab University, 1950

- CHARLES WILFRED LEWITT, B.S., Wayne University, 1950
 MOHAMED AREF MAHAYNI, B.S., University of Texas, 1958
 JOHN PETERSON, B.S., South Dakota State College, 1951
 NICK EUTHYMIUS RAPTIS, C.E., National Technical University (Athens, Greece), 1956
 ROBERT CHARLES RIESE, B.S., United States Military Academy, 1954
 CHARLES ROSS ROBERTS, B.S., University of Oklahoma, 1950
 GARY SEYMOUR SALZMAN, B.C.E., The Cooper Union, 1958
 GILBERT THEODORE SCOTT, B.S., United States Military Academy, 1952
 DHANJI MORARJI SHAH, B.Eng., Sardar Vallabhbhai Vidyaputh University, 1959
 SATYA SAGAR SHARMA, B.S., Punjab Engineering College, 1956
 RAMESH MANILAL SHETH, B.Eng., Gujarat University, 1956
 VINOD VANDRAVANDAS SHETH, B.Eng., Gujarat University, 1957
 DELBERT RAY SMITH, B.Arch., 1954
 PUSHPAKANT BHAGWANDAS THANAWALA, B.Eng., Gujarat University, 1957
 LOWELL THOMAS THORPE, B.S., Pennsylvania State University, 1952
 WALTER ARTHUR VON RIESEMANN, B.C.E., Polytechnic Institute of Brooklyn, 1958
 JAMES ROBERT WINEMILLER, B.S., Pennsylvania State University, 1957
 STEPHEN WORTH WOLFGANG, B.S., United States Military Academy, 1954

In Dairy Science

- CHARLES NORMAN GRAVES, B.S., Oklahoma State University, 1958
 CHARLES WENDELL GRIMES, B.S., Ohio State University, 1954
 HERBERT GARDNER JOHNSON, B.S., 1958
 JOHN GLADSTONE VELU, B.S., University of Allahabad, 1950

In Dairy Technology

- TSUNG CHU CHOU, B.S., Catholic University of Peiping, 1939

In Economics

- DEV RAJ RAHEJA, A.M., University of the Panjab, 1942; A.M., 1958

In Education

- ANILA AMRATLAL DALAL, A.B., Gujarat University, 1955
 KUNJ KANAIALAL PARIKH, A.B., Gujarat University, 1955

In Electrical Engineering

- JOHN WAYNE BARTLEY, A.B., Augustana College (Illinois), 1954
 RICHARD WAYNE BERMES, B.S., 1958
 JAMES PETER BOBIS, B.S., 1958
 ARNOLD SEYMOUR BRENNER, B.S., Illinois Institute of Technology, 1958
 BRUCE EDWIN BRILEY, B.S., 1958
 KENNETH RONALD CARR, B.S., 1958
 JOHN WILLIAM DAUGHTON, B.S., University of Notre Dame, 1958
 ALBERT GEORGE ENGELHARDT, B.A.Sc., University of Toronto, 1958
 HITENDRA NATH GHOSH, B.Tech., Indian Institute of Technology, 1959
 RICHARD HARVEY GORDON, B.S., 1958
 KENNETH DONALD GRANZOW, B.S., 1958
 MANFRED GUTMANN, B.S., 1958
 ROBERT CLARENCE HENDEL, B.S., 1958
 VILAYIL IDIKULA JOHN, B.S., University of Travancore, 1957
 ROBERT WILLIAM KAFKA, B.S., 1958
 ANAND RAMCHANDRA KELKAR, B.Eng., University of Poona, 1955
 KESTUTIS KIRVAITIS, B.S., 1958
 TOSHIRO KUNIHIRO, B.Eng., University of Tokyo, 1952
 ARWIN BRUCE LINDQUIST, B.S., 1958
 ROBERT HENRY MACPHIE, B.A.Sc., University of Toronto, 1957
 JOHN PHILIP McCLURE, B.S., 1958
 PHILIP FRANCIS MEAGHER, B.S., University of Notre Dame, 1958
 HASSAN MORSHED, Degree, Teheran University, 1956
 GILBERT GUY MOSER, B.S., 1958

GEORGE NORTON OETZEL, B.S., California Institute of Technology, 1958
 RAYMOND REED OLSON, B.S., 1956
 JOHN ORIN PENHOLLOW, B.S., State University of Iowa, 1956
 WILLIAM ANTHONY RADKE, B.S., University of Notre Dame, 1958
 GAYLORD GRANT ROGENESS, B.S., 1958
 GERALD CLINTON ROSE, B.S., Rose Polytechnic Institute, 1957
 RAMESH CHANDRA SAXENA, B.S., Agra University, 1955; B.S. (Engineering),
 Aligarh Muslim University, 1958
 MANDYAM DHATI SRINATH, B.S., University of Mysore, 1954; Diploma, Indian
 Institute of Science, 1958
 JEFFREY TAI, B.S., Swarthmore College, 1956
 EMMANUEL JOHN VOURGOURAKIS, B.S., University of Pennsylvania, 1958
 CARL CHANG-TAO WANG, B.S., 1958
 SIK-SANG YAU, B.S., National Taiwan University, 1958
 JOHN EDWARD YPMA, B.S., Purdue University, 1957

In Entomology

DAVID ROBERT LAUCK, B.S., 1955
 ROY EARL McLAUGHLIN, B.S., 1954
 ROBERT DALE PAUSCH, B.S., 1956
 REGINALD JOSEPH ROBERTS, A.B., Walla Walla College, 1957

In Finance

ROBERT WILLIAM VAN AUKEN, B.B.A., University of Notre Dame, 1958

In Food Technology

WILLIAM EMMETT MARSHALL, B.S., 1957

In Geology

GEORGE SUTTER CORCHARY, B.S., University of New Hampshire, 1948
 RICHARD ATWOOD GILMAN, A.B., Dartmouth College, 1957
 JOHN BANCROFT HUNT, A.B., Dartmouth College, 1957
 WILLIAM JOHN METZGER, B.S., Beloit College, 1957
 EUGENE ALAN MONROE, B.S., University of Wisconsin, 1955
 DWIGHT MILLINGTON MOODY, B.S., 1955
 KEDAR NARAIN, B.S., M.S., Benares Hindu University, 1943, 1946
 EMMERSON KIRKPATRICK NORMAN, B.S., 1957
 JOHN ROBERT ROGERS, A.B., Baylor University, 1957
 DAVID KNOWLTON WEBB, JR., B.S., Ohio University, 1957
 ARTHUR JOHN ZEIZEL, A.B., University of Connecticut, 1956

In Health Education

DODDANNA NARASIMMANNA RAJANNA, B.S., University of Mysore, 1947; M.P.E.,
 Springfield College, 1957
 ROBERT REVERE WEST, B.S., Brooklyn College, 1958

In Home Economics

MARION RUTH DIX, B.S., Iowa State College, 1957
 FAITH WATSON FINNEMORE, B.S., Pennsylvania State University, 1956
 SARA ALICE BOSTON HEUBERGER, B.S., Iowa State College, 1955
 BEVERLY ANNA BUNTING POKORNY, B.S., 1954

In Home Economics Education

BETTY JOHNSON CHURCH, B.S., 1954

In Horticulture

JACKIE DEAN BUTLER, B.S., 1957

In Journalism

- EUGENE ELLIOT BROTT, B.S., 1956
JO LYNN GARRETT, A.B., University of Tulsa, 1958
GLENN GEORGE HANSON, A.B., University of Minnesota, 1943

In Library Science

- RHETTA MARGARET ANDERSON, B.S., Southwest Missouri State College, 1957
ELIZABETH ANN BENBROOK, A.B., Texas Woman's University, 1958
MARJORIE CAROLYN BENGTON, B.Ed., Chicago Teachers College, 1956
ELEANOR ANNE BOGART, A.B., Fort Hays Kansas State College, 1954
ROBERT HARLOW BRADLEY, A.B., Austin Peay State College, 1957
SIDNEY MAY CHANG, B.B.A., University of Hawaii, 1955
LOIS CONWAY CRABILL, B.S., Fordham University, 1948; A.M., Cornell University, 1950
MARY JOYCE DAVIS, B.S., Kansas State Teachers College (Emporia), 1954
JAMES FRANK DOUBLEDAY, A.B., Northwestern University, 1958
HOWARD LEAVITT DUNLAP, B.S., University of Wisconsin, 1950; B.D., Gordon Divinity School, 1955
SHERRY LYNN DUNLAP, A.B., Bowling Green State University, 1958
CATHERINE MARY GEIMER, A.B., A.M., Northwestern University, 1935, 1936
ROBERT JOSEPH HAERTLE, A.B., A.M., Marquette University, 1954, 1956
LEO FRANKLIN HAMILTON, A.B., Simpson College, 1958
DOROTHY KATHRYN JOENS, B.S., Elmhurst College, 1950; A.M., Northwestern University, 1953
FAY LARUE JOHNSON, A.B., Baylor University, 1958
WILBUR DUANE JOHNSON, A.B., Augustana College (Illinois), 1952
ESTELLE BUDER KADHIM, A.B., 1955
FRANK LIBERSKY, B.S., University of Idaho, 1956
JESSIE LOUISE MATTHEWS, B.S., State Teachers College (Kutztown, Pennsylvania), 1958
MILDRED CARTER MONTGOMERY, A.B., Arkansas State College, 1937; A.M., University of Arkansas, 1958
JAMES DAVISON NEWBURG, A.B., Iowa Wesleyan College, 1958
ALICE IRENE NOLTE, A.B., 1953
BARBARA ANN OLSEN, A.B., Colorado State University, 1956
MARY MARGARET SEALOCK, A.B., Oberlin College, 1958
ROBERT CHRISTIE SPALDING, B.S., 1952
JAY DRENNER TEBO, A.B., Lycoming College, 1956
JOSEPH CLEMENT ZDERAD, A.B., St. Norbert College, 1949; A.M., University of Notre Dame, 1953

In Management

- WALTER JEROME HATCH, A.B., Monmouth College, 1957
MARVIN VINAR, B.S., 1958
ALBERT TSU PEI WU, Graduate, Ta Hsia University, 1948

In Marketing

- WAYNE ARLO LEMBURG, B.S., 1950

In Mathematics

- MORTEZA ANVARI, Dipl. Physics, University of Tehran, 1953
GERARD BERG, B.S., College of the City of New York, 1958
WILLIE BEE CAMPBELL, B.S., Prairie View Agricultural and Mechanical College (Texas), 1938; A.M., Columbia University, 1947
JOSEPH WARREN CORBETT, A.B., 1955
JAMES JOSEPH DODD, B.S., Northwestern University, 1955
JOHN HENRY HARRIS, B.S., 1958
ALFRED INSELBERG, B.S., 1958
WAYNE RICHARD KRUGER, B.S., Eastern Illinois University, 1958
JOSEPH ICHIRO NARUISHI, B.S., 1957
BEVERLY ANN PODMOLIK, B.Ed., Chicago Teachers College, 1957
ALEXANDER LUCRETIVUS RAGO, A.B., 1958

ALLAN STANLEY REHM, B.S., 1958
 HAROLD GIDCUMB ROBERTSON, B.S., 1958
 WALTER ABRAHAM ROSENKRANTZ, A.B., B.S., University of Chicago, 1957, 1957
 SHU-SHEN HUANG SAH, Diploma, National Peking Teachers College, 1933; Ed.M., 1957
 DUANE STANLEY STEIDINGER, B.S., 1956
 HARRIS WESTCOTT VAYO, A.B., Culver-Stockton College, 1957

In Mechanical Engineering

LYNN ELLIS ARNOLD, Met.E., University of Cincinnati, 1957
 GAUTAM VASANTVIHARI DESAI, B.Eng. (Electrical Engineering), B.Eng. (Mechanical Engineering), Gujarat University, 1956, 1957
 WILLIAM RAYMOND DONAHUE, JR., B.S., 1957
 RAYMOND JOHN GOLIK, B.S., 1953
 GERALD JOHN GRESH, B.S., 1958
 JOHN PHILIP HIPSKIND, B.S., University of Notre Dame, 1952
 RONALD HUNTER HOWELL, B.S., 1958
 SHIH LIEN HUANG, B.S., National Taiwan University, 1954
 RONALD CARL KAMP, B.S., 1956
 LI HSIEN LU, B.S., National Chung King University, 1948
 MANESH LAXMIDAS SHRIKANT, B.S., University of Bombay, 1956; B.S., Michigan College of Mining and Technology, 1958
 TIAO-MING WU, B.S., National Taiwan University, 1954

In Metallurgical Engineering

HARRY FARA, B.S., College of the City of New York, 1954
 KALINATH MUKHERJEE, B.Eng., University of Calcutta, 1956

In Music Education

THOMAS LEE BONWELL, B.S., 1958
 WILLIAM PETER CALLAHAN, B.S., 1958
 DAVID NORBERT CAMPBELL, B.Mus.Ed., Southeastern Louisiana College, 1958
 NANCY LEE CHIDDIX, B.S., Illinois State Normal University, 1958
 RICHARD LEE COWART, B.S., 1956
 PATRICIA ANN DARR, B.Mus.Ed., Arkansas State College (Jonesboro), 1954
 SUZANNE KRIEG DELANEY, B.Mus., Salem College, 1956
 JOHN FREDRICK FALKENSTROM, B.Mus.Ed., University of Wichita, 1954
 JAMES FARIS FLEISHER, B.S., 1957
 WARREN RUSSELL GEDSTAD, B.S., 1958
 DALE MONTGOMERY HAMILTON, B.S., 1958
 FRANK MILTON HAMMOND, B.S., East Carolina College, 1955
 RICHARD LELAND JAMISON, B.Mus., Illinois Wesleyan University, 1951
 JON HARRY JORDENS, B.S., University of Wisconsin, 1958
 NANCY LOUISE KAMPMEIER, B.S., Illinois State Normal University, 1953
 GEORGE WASHINGTON KNIGHT, JR., B.S., East Carolina College, 1958
 RICHARD CHARLES LARSON, B.S., 1958
 DANIEL JOHN McNABB, B.S., 1958
 ARTHUR MOTYCKA, JR., B.F.A., Carnegie Institute of Technology, 1957
 JOHN PHILLIP MUELLER, B.S., 1952
 GRANT HOWARD NEWMAN, B.F.A., University of South Dakota, 1954
 DONALD OWEN PARSONS, B.Mus., DePaul University, 1957
 JAMES ARTHUR PARTRIDGE, B.S., Illinois State Normal University, 1953
 GEORGE WILLIAM PELLANT, B.S., Northern Illinois University, 1955
 JOE DEAN RICE, B.S., 1958
 JUDITH ANN RIEMENSCHNEIDER, B.S., 1958
 GEORGE LOWRY RIGGINS, A.B., North Texas State College, 1956
 ROBERT LOUIS SAMAROTTO, B.S., State University of New York Teachers College (Fredonia), 1955
 DONALD WALTER SCHMALZ, B.Mus.Ed., Northwestern University, 1958
 JOHN FREDERICK THIEMAN, B.S., 1958
 RICHARD EARL TOLLEY, B.S., 1955
 MILTON BARNES WHITEMAN, A.B., Monmouth College, 1954

JOHN THOMAS WINKING, B.S., 1958

THOMAS EDWARD WRIGHT III, B.Mus., North Texas State College, 1958

In Nuclear Engineering

JOSEPH FRANCIS CASTRO, B.S., University of Rhode Island, 1951; M.S., 1959

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HARLAN WARREN JOHNSON, B.S., United States Military Academy, 1951; M.S., 1959

In Physical Education

DOLORES ANN ASHLEY, B.S., Eastern Illinois University, 1952

WILLIAM HILEY DAVIS, B.S., 1954

EMIL ERNST DIEWALD, B.S., 1955

EUGENE VALEN DOROSCHUK, B.P.E., University of British Columbia, 1957

CAROL ELVERA GOUWENS, B.S., Valparaiso University, 1956

GORDON YUTAKA KUWADA, B.Ed., University of Hawaii, 1957

BILL JAMES TURNER, B.S. (Physical Education), B.S. (Recreation), 1955, 1955

In Physics

JAMES LEROY BOETTLE, B.S., Lafayette College, 1958

CARL ERNEST CARLSTON, B.S., 1958

DWIGHT WILLIAM CARPENTER, B.S., University of Kentucky, 1958

JOHN IRVING CONNOLLY, B.S., Massachusetts Institute of Technology, 1958

RICHARD BYRD CRITTENDEN, A.B., Willamette University, 1957

ROBERTA ANN DI NOVI, B.S., Fordham University, 1957

FRANK CURTIS DOUGLAS, A.B., Reed College, 1957

JOHN SEYMORE EDWARDS, B.S., 1958

ROBERT THOMAS GALLA, B.S., University of Notre Dame, 1957

PETER VANCE GRAY, B.S., Union College, 1958

KAY KEIJI KANAZAWA, B.S., University of California (Los Angeles), 1957

JOHN DAVID STEBEN, B.S., 1958

RICHARD RODNEY STECK, B.S., Illinois Institute of Technology, 1957

GENE HENRY WOJCIECHOWSKI, B.S., 1958

In Physiology

EDMUND MICHAEL BERNAUER, B.S., Indiana University, 1950; M.S., 1951

ALPHONSE R. BURDI, B.S., Northern Illinois University, 1957

ANN FIELDEN, B.S., University of Reading, 1956

RONALD ALLAN FRAIER, B.S., Queens College, 1957

MICHELLE HORTENSE NEYRINCK, B.S., St. Mary College (Kansas), 1954

ARNE TONIS PESSA, B.S., Washington College, 1956

HENSON DAVID POTTER, B.S., 1958

LEROY IRVING SYKES, B.S., Villanova University, 1957

GORDON LEE VAN HARN, A.B., Calvin College, 1957

In Plant Pathology

TERESITA POLANCO DE LA RAMA, B.S., The Philippines Women's University, 1951

BILLY GENE TWEEDY, B.S., Southern Illinois University, 1956

In Recreation

WILLIAM PUTNAM MILNE, B.S., 1952

JOSEPH ADAM PLECKINGER, B.S., Wisconsin State College (La Crosse), 1957

STEPHEN ALBERTUS WALKER, A.B., University of California (Berkeley), 1956

In the Teaching of Biological Sciences and General Science

BLANCHE HELEN BENISEK, B.S., 1957

EDWIN HORACE DAUBS, B.S., 1942

RALPH MILTON EISEMAN, B.S., 1957

In the Teaching of Mathematics

ELLA CORDELIA ARNOLD, A.B., Central College, 1948

JOAN COLLINS ARZBAECHER, A.B., St. Xavier College for Women, 1953

- WILSON PALMER BANKS, A.B., Greenville College, 1952
 AUGUST JOSEPH BETHEM, A.B., A.M., Washington and Jefferson College, 1949, 1952
 ALLEN LEROY BRINK, A.B., Concordia College, 1952; Ed.M., University of North Dakota, 1956
 ROBERT ALLEN BROOKS, A.B., Evansville College, 1951; M.S., Indiana University, 1954
 SHIRLEY ANN BRUTVAN, A.B., Harpur College, State University of New York, 1958
 RUSSELL LELAND BUSSE, B.S., Hanover College, 1954
 AUSTIN GORDON BUTKE, A.B., Evansville College, 1950; M.S., Indiana University, 1954
 RACHEL JOHNNIE CAMPBELL, B.S., Shaw University, 1949
 RUTH OTAVA DEVNEY, B.S., University of Minnesota, 1956
 JOSEPH LEWIS DORSETT, B.S., University of Cincinnati, 1950
 FRANCIS GLENN DROEGEMEIER, B.S., Fort Hays Kansas State College, 1950
 MARILYN PARR EARL, B.S., College of William and Mary, 1954
 EDWIN DUAIN ECKER, B.S., Ball State Teachers College, 1956
 GARNET GLEN ELLIS, JR., A.B., Valparaiso University, 1953
 OSBURN RAY FLENER, A.B., A.M., Western Kentucky State College, 1950, 1953
 MARILYN EDNA FRIS, B.S., 1958
 REUBEN JOHNNY GOERING, A.B., Bethel College (Kansas), 1950
 DOROTHY ANNE GRAMER, A.B., Rosary College, 1955
 RONALD BERNARD GREEK, A.B., Culver-Stockton College, 1956
 JAMES JOSEPH HAGOOD, JR., B.S., Piedmont College, 1931; A.M., George Peabody College for Teachers, 1947
 ALICE GOODSON HART, B.S. (Education), B.S. (Mathematics), A.B. (Mathematics) Central Missouri State College, 1930, 1930, 1930
 PATRICIA TOCCI HENGEL, B.S., Montana State College, 1947
 KENNETH DALE HERR, B.S., State Teachers College (Millersville, Pennsylvania), 1955
 VERN DONALD HIEBERT, A.B., Willamette University, 1952
 FRANCIS HOWARD HILDEBRAND, B.S., Kent State University, 1957
 CAROLYN MARTH HULSEY, B.S., Illinois State Normal University, 1955
 ALBERT SIGFRIED JACOBSON, B.S., Rensselaer Polytechnic Institute, 1953
 LESTER GERALD KLECKNER, B.S., State Teachers College (Lock Haven, Pennsylvania), 1953
 AUSTIN FORD LINDLEY, B.S., 1951
 FLOYD ORVILLE MCPHETRES, A.B., University of Vermont, 1950
 DALE LEWIS MORDUE, B.S., Western Illinois University, 1954
 CHARLES EDWARD MORRIS, JR., B.S., Johnson C. Smith University, 1952
 JOSEPH EDWARD MUELLER, B.S., Butler University, 1954
 BOBBIE COTTON MURPHY, B.S., M.S., DePaul University, 1953, 1954
 DAVID LEE NEUHOUSER, B.S., Manchester College, 1955
 SAMUEL BENJAMIN PARKER, A.B., Westminster College, 1951
 LUCILE CATHERINE PUSCHECK, A.B., College of St. Teresa, 1955
 FRANCES LYMETTA RHODES, B.S., Livingstone College, 1955
 JAMES ERNEST ROWE, B.S., Manchester College, 1950
 SISTER M. RAYMOND CAPUA HARTY, A.B., Rosary College, 1955
 ARNOLD STRASSBERG, A.B., New York University, 1937
 CALVIN LEE STRICKLAND, A.B., Abilene Christian College, 1950
 MARY ELEANOR TENER, A.B., Texas Christian University, 1955
 MARGARET RUTH TREGILLUS, A.B., Grinnell College, 1947; A.M., Radcliffe College, 1948
 GLORIA MAE VANDERBECK, B.S., Western Michigan University, 1950
 JAY DONALD WEAVER, B.S., State Teachers College (Millersville, Pennsylvania), 1956
 WILLIAM BRIGGS WETHERBEE, B.S., State Teachers College (Mansfield, Pennsylvania), 1951
 VERNIE ELZEN WITTEN, JR., B.S., Kansas State Teachers College (Emporia), 1953

In the Teaching of Physics

- GEORGE HAROLD HANS, JR., B.S., Northwestern University, 1957

In Theoretical and Applied Mechanics

- PHILIP EARL BENNETT, B.S., 1958
 DONALD LYNN DEWHIRST, B.S., 1957
 CHARLES EDWARD FELTNER, B.M.E., North Carolina State College of Agriculture and Engineering, 1958
 JOHN LEO GUBSER, B.S., Washington University, 1958
 JOHN WILLIAM MELVIN, B.S., 1956
 RONALD JOHN PLACEK, B.S., 1958
 ALLAN RODERIC SCHULTZ, B.S., 1957
 JAMES RONALD SUHRE, B.S., 1958

In Veterinary Medical Science

- JULIUS PETER KREIER, D.V.M., University of Pennsylvania, 1953
 DONALD ROBERT LINGARD, D.V.M., Ontario Veterinary College, 1955
 WALTER LOY MYERS, JR., B.S., D.V.M., 1955, 1957
 DEAN IRWIN NEWTON, B.S., D.V.M., Kansas State College of Agriculture and Applied Science, 1950, 1950
 UMMETTALA RAMKRISHNANAND RAO, B.V.S., M.S., University of Madras, 1945, 1954

In Zoology

- WILLIAM TAYLOR ALLEN, B.S., Eastern Illinois University, 1957
 ALLAN BELMONT, B.S., 1958
 MAXWELL HAROLD BRAVERMAN, A.B., University of Colorado, 1951
 RICHARD ALVA BUSHEY, B.S., Th.B., Olivet Nazarene College, 1943, 1944
 JOHN OSCAR OBERPRILLER, A.B., St. John's University, 1957
 WESLEY FREDERICK STIEG, A.B., North Central College, 1956
 LORNA BOWLBY WEST, A.B., Middlebury College, 1952

Degree of Master of Music

- SAMUEL LOCKWOOD BRADSHAW, JR., B.Mus., University of Southern California, 1958
 ROBERT LAURENCE DONAHUE, B.Mus., University of Wisconsin, 1954
 ALF SVEINUNG HOUKOM, A.B., St. Olaf College, 1957; B.Mus., 1958
 WILBUR WARREN KENT, JR., B.Mus.Ed., University of Kansas, 1957
 LUTZ LEO MAYER, A.B., University of North Carolina, 1956
 BURR MANUEL McWILLIAMS, B.Mus., University of Wisconsin, 1958
 MARY ANN MOREN, B.Mus., Whitman College, 1956
 HELEN MARLA MUTSCHLER, B.Mus., Eastman School of Music, University of Rochester, 1956
 ROBERT RENE NADEAU, A.B., Colorado College, 1956
 EDWARD LAWRENCE NEYLON, B.Mus., University of Notre Dame, 1957
 MARY MARGARET GOLDSMITH RICE, B.Mus., 1957
 SHIRLEY JEAN USHER, B.Mus., Miami University, 1957

Degree of Master of Education

- EDITH SANDERS ABERNATHIE, B.S., 1954
 CAROL RANES ANDERSON, A.B., Harding College, 1954
 SUZANNE NIND BALLOU, A.B., Cornell College (Iowa), 1951
 JULAINE ANNE BRAYFORD, B.S., 1957
 DANIEL GEORGE BREEN, B.Ed., Chicago Teachers College, 1958
 LYLE ROBERT BRUSS, B.S., Wisconsin State College (Oshkosh), 1955
 YVONNE CASON CAMPBELL, B.S., Lincoln University, 1955
 JAMES PATRICK CARR, B.S., Eastern Illinois University, 1953
 ADDIE LARKIN DARDEN, B.S., Tennessee Agricultural and Industrial State University, 1939
 DOMINICK JOHN DILEO, B.S., 1958
 VIRGINIA ANN DOWNS, A.B., DePauw University, 1952
 WILLIAM FRANCIS EBENEZER, B.S., Northern Illinois University, 1951
 EMERSON WILLIAM EBERT, B.Mus.Ed., Bradley University, 1950
 ARTHUR LEROY EICKEN, B.S., 1942

AMY GAIL ENSLOW ENNIS, B.S., University of Wisconsin, 1950
AUDREY MARIE FALETTI, B.S., 1957
JOHN EDWARD FRANKOVICH, B.S., Illinois State Normal University, 1953
LEVI GALLOWAY, B.S., Agricultural and Technical College of North Carolina, 1953
JOSEPH LAWRENCE GANN, JR., B.S., 1958
DAVID KENT GENTRY, B.S., Southern Illinois University, 1955
HAROLD LASLEY GRAY, B.S., Southern Illinois University, 1949
HAROLD EDWIN GRIER, B.S., Savannah State College, 1942
MARY MARGARET DE WERFF HEMPHILL, B.S., Eastern Illinois University, 1955
MAURICE RAY HEMPHILL, B.S., Eastern Illinois University, 1954
H. C. HENDREN, JR., B.S., 1950
HOWARD LEE HIBBS, A.B., Arizona State College (Tempe), 1950
EDWARD NICHOLAS HOOK, B.S., 1957
SULTANIA MARIA HUDSON, B.S., Lincoln University, 1956
CLARENCE RUSSELL HUGHES, A.B., Blackburn College, 1958
EUGENE RICHARD IRVING, B.S., Illinois State Normal University, 1953
HAROLD AUGUSTUS JONES, B.S., 1950
TOM KATSIMPALIS, B.S., Eastern Illinois University, 1952
GERALD FRANK KEMP, B.S., Illinois Wesleyan University, 1957
KENNETH EARL KERN, B.S., Western Illinois University, 1954
EDITH LILLIAN KINSINGER, B.S., 1948
CLIFTON J. KIRK, B.S., Southern Illinois University, 1948
WILLIAM BURT LAUDERDALE, B.S., 1958
GLENN SEYMOUR LeCOUNT, B.S., 1944
MAURICE LEVY, B.S., 1956
SUE LOOMIS, B.S., Illinois State Normal University, 1957
MONICE WILLIAMS McDANIEL, A.B., Fisk University, 1958
LAUREL MOENCH, B.S., University of Utah, 1949
JUNE NICKLE NEWTON, A.B., Union College, 1947
LEROY GEORGE NOEL, B.S., Illinois State Normal University, 1956
BERNARD MAURICE OHM, B.S., Eastern Illinois University, 1949
ANTHONY PACOTTI, A.B., Illinois College, 1935
PETER B. PERINO, A.B., St. Ambrose College, 1949
SHIRLEY THORNTON PIERCE, A.B., Flora Macdonald College, 1956
NORBERT FRANCIS POHLMAN, B.S., 1950
HAROLD RUDY RAYMOND, B.S., Murray State College, 1951
MIGUEL ANGEL RIESTRA, A.B., University of Puerto Rico, 1959
WILLARD SMITH ROPER, JR., B.S., Monmouth College, 1952
RICHARD D. ROWE, B.S., Eastern Illinois University, 1953
BETTYE JEANNE RUSSELL, B.S., Illinois State Normal University, 1956
ELMER SANDRIN, B.S., Greenville College, 1957
DONALD EWALD SCHEIWE, B.S., Concordia Teachers College, 1958
CECILIA AGNES SHAY, B.Ed., Eastern Illinois University, 1954
STACEY ALBERT SIDERS, B.S., 1953
JOHN CHARLES SIMS, B.S., 1958
MARVIN DALE SMITH, B.S., 1956
DONALD WAYNE SMITLEY, A.B., 1954
MELVIN ALLEN SPAULDING, B.S., Southern Illinois University, 1956
DWAIN HOBART SPEER, B.S., 1956
PAUL WILLIAM STEINBECK, B.S., United States Military Academy, 1929
DONALD KEN STEINMETZ, A.B., Evansville College, 1958
CHAROIS JEWELL TURNER, B.S., Eastern Illinois University, 1952
HELEN VICTORIA VITKO, B.S., Illinois State Normal University, 1953
ROBERT LEROY VOGEL, B.S., Eastern Illinois University, 1956
OTIS DELOS WATSON, JR., B.S., Grambling College of Louisiana, 1952
BETTY JANE WENZ, B.S., 1957
CURTIS R. WESTFALL, B.S., Western Illinois University, 1948
GLENN ELBERT WILEY, B.S., 1955
JOSEPH MATHEW WINEK, A.B., Wisconsin State College (Superior), 1951
JAMES EDWARD WOLFE, A.B., Manhattan College, 1954
KATIE FLORENCE HARPER WRIGHT, B.S., 1944
CHARLES JOSEPH WYNE, B.S., 1957

Degree of Master of Social Work

MARCELLE ROSA ADOLPH, B.S., George Williams College, 1946
 WARFORD EARL BAKER, A.B., Monmouth College, 1941
 MARY ANN THERESE CORCORAN, A.B., DePaul University, 1943
 VICTOR JOHN ENGANELA, B.Mus.Ed., Chicago Musical College, 1952
 EDDIE LOE EVANS, A.B., Clark College, 1957
 KITTY BETH FRANKS, A.B., 1957
 MICHIKO FUKAZAWA, B.Litt., Waseda University, 1957
 MARGARET LOUISE FURNISH, A.B., University of Kansas, 1948
 BLANCHE SEYMOUR HADDOX, A.B., Western Michigan University, 1943
 RICHARD FRANCIS HANGREN, A.B., A.M., 1954, 1955
 FRANCES MONCREIFF HAUSLER, A.B., University of Michigan, 1945
 JANET LOUISE JOHNSON, B.S., 1957
 MARJORY LEE KELLEY, A.B., University of Chicago, 1957
 KING BERNARD KLEIN, A.B., Roosevelt University, 1957
 JEAN CATHERYN LAWLESS, A.B., Illinois College, 1955
 RENO LELAND LENZ, B.S., Bradley University, 1931
 MERLE ELNO SPRINGER, A.B., Goshen College, 1954
 PRIMO TASSO, A.B., Northwestern University, 1956
 ROBERTA MAE TAYLOR, A.B., MacMurray College, 1948
 GERTRUDE FRANCIS VELU, A.B., M.Soc.Tech., University of Lucknow, 1952, 1954;
 B.S.W., University of Toronto, 1957
 EVELYN GERALDINE YABLONSKI, A.B., North Central College, 1941

Degree of Master of Fine Arts

ROLAND JOSEPH BELHUMEUR, B.F.A., Rhode Island School of Design, 1957
 CHRISTOPHER CAPEN COOK, A.B., Wesleyan University, 1954
 FRANKLIN DANIEL JESPERSEN, B.F.A., Kansas City Art Institute and School of
 Design, 1957
 LUCIEN CYRIL KAPP, B.F.A., 1955
 GERALD GORDON PURDY, B.F.A., 1956

Degree of Master of Architecture

GOPAL KRISHNA CHOUDHURY, B.Arch., University of Calcutta, 1956
 CHARLES STEWART DOTTS, A.B., LL.B., B.S., University of Kansas, 1936, 1938,
 1957
 EDWIN JOHN DRIMMEL, JR., B.Arch., Kansas State College, 1954
 DONALD ANDREW KOSS, B.Arch., 1955
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Advanced Certificate*In Education*

VERNON WILLIAM GREENING, B.Ed., Illinois State Normal University, 1949; M.S.,
 1953
 LESTER SOLOMON WEBSTER, B.S., Tuskegee Institute, 1942; Ed.M., Pennsylvania
 State University, 1949
 EDWARD PHILIP WIRTH, A.B., A.M., George Peabody College for Teachers, 1949,
 1950

COLLEGE OF AGRICULTURE**Degree of Bachelor of Science***In Agriculture*

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PHYLLIS JEAN FLOYD
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RICHARD CARSON JAMISON

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ROBERT KEITH STUDEBAKER

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CAESAR GHILARDUCCI, Honors
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 CHARLES ROBERT ZARTMAN, Honors

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 THEOPHILUS FREDERICK BIENIASZ
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COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

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 RUTHE MARIE BEALS
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 eral Arts and Sciences with Dis-
 tinction in Political Science
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 tinction in Sociology
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 BARBARA EILEEN REARDON
 MARGARET ANN REESE
 JANET KAY REISSEN, Honors in Liberal Arts and Sciences
 FREDRIC NORMAN RICHMAN
 HAROLD SAMUEL ROSENBERG, Honors in Liberal Arts and Sciences
 HELEN ANN RUOPP, Honors in Liberal Arts and Sciences
 GAIL ELAINE RUTTENBERG
 SUSAN BANDLOW RYPSTAT
 EARL HENRY SACHTLEBEN
 RAYMOND CHESTER SCHANDELMEIER
 MERLE JOSEPH SCHRODT, Honors in Liberal Arts and Sciences
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 LAWRENCE LEROY SHAFER
 GERALD J. SHERMAN, Honors in Liberal Arts and Sciences with Distinction in Political Science
 RONALD EVERETT SHOEMAKER
 MYRNA BETH SHURE
 MARY ELISE SIEBERT, Honors in Liberal Arts and Sciences
 ROBERT LEE SILBERSTEIN, JR.

KARL ANDREAS SIMON
 GAREE AYTON SLIDER
 ETTABELLE SLUTSKY, Honors in Liberal
 Arts and Sciences with Distinction
 in Philosophy
 KAREN ELISABETH SMITH
 JOYCE LYNNE SNYDER
 RONALD EDWARD SPATZ
 J. BRUCE STADWISER
 FRED RICHARD STARK, Honors in Lib-
 eral Arts and Sciences with Dis-
 tinction in History
 STANLEY CHARLES STEPHAN, Honors in
 Liberal Arts and Sciences
 ANASTASIA EILEEN SULLIVAN
 MATTHEW GERALD SWIFT, Honors in
 Liberal Arts and Sciences with
 Distinction in Political Science
 CONRAD JOSEPH SZUBERLA, Honors in
 Liberal Arts and Sciences
 CHARLES ROBERT THOMAS
 CHARLES MICHAEL TUCKER, Honors in
 Liberal Arts and Sciences with
 High Distinction in English
 JOHN VANDERMEEY, JR.
 DAVID JOSEPH VANDVEER, Honors in
 Liberal Arts and Sciences
 MARGUERITE MARIE VERLEY, Honors in

Liberal Arts and Sciences with
 Distinction in Anthropology
 GEORGE RANDIS VIRGIL
 MARGARET HALLET WAALER
 GRACE MARGARET WAGNER
 JANICE LAUREL WAISHNOR, Honors in
 Liberal Arts and Sciences
 BARBARA ANN WALKER
 MIKE HAMER WALTERS
 NANCY JEAN WARNER
 BARBARA NAUDAIN WATKINS, Honors
 in Liberal Arts and Sciences with
 Highest Distinction in Political
 Science
 ROBERT ALLAN WATTS
 HOWARD CARTER WECHSLER
 RICHARD HARRY WEERTS
 PAULINE WEISSMAN
 BARBARA BAILEY WELLS, Honors in
 Liberal Arts and Sciences with
 Distinction in Sociology
 JAMES HENRY WHITE
 MILES KENT WHITTEN
 ALAN M. WIENER
 DONALD BRUCE WILLARD
 ARNOLD WOLOCHUK
 MARJORIE ANN WULFF
 ROMAYNE SKARTVEDT ZIROLI

In the Teaching of English

DIANNE VALERIE BAUMANN, Honors in
 Liberal Arts and Sciences with
 Highest Distinction in the
 Curriculum
 FRANCES AULISI BAUMGARTNER
 BERNADINE THERESE BLOMQUIST
 CARLENE MARGARET CARLOTTA
 BLUMENTHAL
 VIRGINIA ELLEN BOLIN, Honors in Lib-
 eral Arts and Sciences
 JOAN ROBERTA D'IMPERIO
 JANE WHITNEY FAULKNER, Honors in
 Liberal Arts and Sciences with
 Distinction in the Curriculum
 SANDRA JEAN GIANNONI
 MURIEL SHEILA GOLDSMITH, Honors in
 Liberal Arts and Sciences with
 High Distinction in the Curriculum
 ROCHELLE FAY GREENSPAN, Honors in
 Liberal Arts and Sciences
 JANE LAROSE JEFFERSON
 KAY DEMARIS JONES
 NITA ANN KING
 CORINNE LERNER KORNMAN
 CAROLYN RAE MEADORS, Honors in Lib-
 eral Arts and Sciences

MICHAEL JAMES MURPHY, Honors in
 Liberal Arts and Sciences with
 High Distinction in the Curriculum
 JOYCE MAUREEN PETERS
 DIANA FLYNN RACINE, Honors in
 Liberal Arts and Sciences
 GERRY ANNA RADER, Honors in Liberal
 Arts and Sciences
 MARJORIE HUME SHOAF, Honors in
 Liberal Arts and Sciences
 JUDITH SUZANNE SMITH
 VIRGINIA VERTIME TEARJEN, Honors in
 Liberal Arts and Sciences
 JUDITH EILEEN TRUMMEL, Honors in
 Liberal Arts and Sciences
 CAROL ANN WALKER, Honors in Liberal
 Arts and Sciences with High Dis-
 tinction in the Curriculum
 MARY MACK WEHNER
 PRISCILLA FISHER WOLZ, Honors in
 Liberal Arts and Sciences with
 Distinction in the Curriculum
 JOAN CLAIRE ZANDER

In the Teaching of French

MARJORIE JOAN ANDERSON
 ANN ELIZABETH EHRLICH

SANDRA JEAN GREENLEAF, Honors in
 Liberal Arts and Sciences

In the Teaching of German

ROBERT FRED BELL, Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum
EVELINA KAMINSKAS

ALDONA MOGENIS WALKER, Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum

In the Teaching of Social Studies

BETTY CANFIELD BLACK, Honors in Liberal Arts and Sciences with High Distinction in the Curriculum
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ANNE BURNETT
CAROL JEAN CLAUSER, Honors in Liberal Arts and Sciences
PATRICIA JEAN CLOVER, Honors in Liberal Arts and Sciences
RUTH MERLE DECKER
CARL WALTER ESSLINGER
JOYCE CAROL GLOPPE
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SARA LOUISE JOY

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JUDITH ANNE ROWLEY, Honors in Liberal Arts and Sciences
BARBARA REUTER SCHEMMEL, Honors in Liberal Arts and Sciences with High Distinction in the Curriculum
SANDY JEANNE SCHUSTER
DAVID LYNN SNOWDEN
ANDREW AARON SORENSEN
EDITH DIANE SROKOWSKI
GERALDINE SUSKIN
ELIZABETH JANE WAKEFIELD, Honors in Liberal Arts and Sciences

In the Teaching of Spanish

BERNICE KAY FERGUSON, Honors in Liberal Arts and Sciences with Distinction in the Curriculum

NANCY ADELE STURIES
ROSEMARY ANNE SUAREZ

In the Teaching of Speech

GARLAND TEMPLE BORNE
JEAN ALLISON DRAEGERT
PATRICIA EILEEN FREEHILL

MARGARET JEAN HEINO
NANCY JOAN HURT

Degree of Bachelor of Science*In Chemical Engineering*

ROY LESLIE ANDERSON
ROBERT MICHAEL BERNERO, Honors in Liberal Arts and Sciences with Distinction in the Curriculum
RONALD D. BROWN, Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum
EVAN BUCK, Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum
BRUCE ALFRED BYDAL, Honors in Liberal Arts and Sciences with High Distinction in the Curriculum
JOHN RAYMOND CAIN
JOHN JOSEPH CLANCY, Honors in Liberal Arts and Sciences with High Distinction in the Curriculum
RUDOLPH FERENTCHAK
JAMES WALTER GARZANELLI, Honors in Liberal Arts and Sciences with Distinction in the Curriculum
JAMES ARNOLD GIESEKE, Honors in Liberal Arts and Sciences with Distinction in the Curriculum
JOHN ROBERT GRIFFIN, Honors in Liberal Arts and Sciences with Distinction in the Curriculum

JOHN LESTER HUDSON, Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum
GARY DON JOHNSON
GEORGE ELMER KOCHER
JOHN RUBEN McWHIRTER, Honors in Liberal Arts and Sciences with High Distinction in the Curriculum
ALAN DAVID MODINE, Honors in Liberal Arts and Sciences with High Distinction in the Curriculum
ALBERT JAMES MOLL, Honors in Liberal Arts and Sciences with High Distinction in the Curriculum
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ROBERT ARTHUR NATTIER
GEORGE FRANKLIN SMITH III
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DENNIS RAY STAUFFER
FLOYD JOSEPH VLASAK
CHARLES LOUIS WOLVEN, Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum

In Chemistry

- PETER FREDRICK ARVEDSON
 MARY JANE DOLORES BANASIK
 DAVID SHELDON BERGMAN
 ROBERT GIDEON CARLSON, Honors in Liberal Arts and Sciences with High Distinction in the Curriculum
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 ANDREW URBAN III
 HAROLD PAUL WAITS, Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum
 VICTOR ALLAN WILLIAMS, Honors in Liberal Arts and Sciences

In Home Economics

- NANCY ANN CARLSON, Honors in Liberal Arts and Sciences

In Liberal Arts and Sciences

- NEIL ROGER AARONSON
 CECILIA JACQUELINE ADAMS, Honors in Liberal Arts and Sciences
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 DONN PAUL ALSPAUGH
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 FERDINAND DESIMONE
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 MARILYN NINA ECKER
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TIMOTHY DEVINE FOSSER
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 GENE WILLIAM HEIEN, Honors in
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 STANLEY JACOBSON
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 WILLIAM KAGAMI
 HYONG HWAN KANG
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 Arts and Sciences
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 ALAN RUDOLF KRASBERG
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 BOHDAN KUTKO
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 CLEMENS ALEXANDER LOEW
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 BEATRICE VIDA MATUKAS, Honors in
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 NILS MELAND
 ADOLPH LOUIS MICHELI
 LOUISE MIDDLEMAS
 OLIVE BATEMAN MILLAR
 WILLIAM JOSEPH MORESSI
 TASSOS PETER NASSOS
 BARBARA JUNE NORRIS
 JERROLD POLTEROCK
 BILLY GEORGE POWERS
 SONIA JEAN RINGSTROM
 PATRICIA ANN ROLLINS
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 LOUIS ROWITZ
 DONALD WILLIAM ROZNAK
 RONALD RUBENSTEIN
 HARRIS RUBIN
 SAFET MUSTAFA SARICH
 ROBERT JEROME SCANLON
 SYLVIA JO SCHLUETER
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 JOHN EUGENE SHAFFER
 MARY SUE SHELTON
 ROBERT FREDERICK SIEGERT
 SAMUEL SOLOMON, Honors in Liberal
 Arts and Sciences
 JACQUELINE LEE SOWERS
 ROBERT NEAL SPETH
 JOHN RICHARD STAHLMAN
 PEGGY ANNE STAMER, Honors in
 Liberal Arts and Sciences
 DAILA THERESA STANAITIS
 VICTOR IRA STEINER
 JOANNA CHRISTINE SZYSZKOWSKA
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 DON FRED TEMPLIN
 FLORENCE AINO THOMPSON, Honors in
 Liberal Arts and Sciences
 ALLAN DAVID TOBIAS
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 ROBERT GEORGE VANDERSTRAETEN
 BRUCE DIETRICH VELDE, Honors in
 Liberal Arts and Sciences
 MARSHALL WALL, Honors in Liberal
 Arts and Sciences
 STEPHEN RICHARD WEBB, Honors in
 Liberal Arts and Sciences
 LORIN DIXON WHITTAKER, JR.
 LYMAN JOHN WILMOT, Honors in
 Liberal Arts and Sciences
 HOWARD WINET
 WILLIAM PRESLEY WINKLER
 JAMES ABBOTT YARROW
 CAROLYN KAY YOUNGLOVE
 RAMON MATHEW ZOLLER, JR.

In Physics

RICHARD BALSAM, Honors in Liberal
 Arts and Sciences with High
 Distinction in the Curriculum
 JOHN ROBERT BASKETT
 DWIGHT ELLSTON ISBELL

PETER NATHAN KRAMER, Honors in
 Liberal Arts and Sciences
 WALLACE ELDER LLOYD
 CHARLES CURTIS TONIES

In Speech Correction

SUE JEANNE BANDY
IDA MAXINE BOUGHNER
SHARON FOWLER BOYD
MARY LOUISE BUSH, Honors in Liberal
Arts and Sciences
MARGUERITE MARY DAVIS
VIRGINIA MARGARET HOLLENBACH
ELLEN ROSE HOMANN, Honors in
Liberal Arts and Sciences with
Distinction in the Curriculum

TERRYL ARDEAN LASH, Honors in
Liberal Arts and Sciences with
Distinction in the Curriculum
GEORGIA ANN MARSHALL
BETHANYANNE PINNELL
JESSICA ANN POTTER, Honors in
Liberal Arts and Sciences with
High Distinction in the Curriculum
PATRICIA STICKLER PROCTOR

In the Teaching of the Biological Sciences and General Science

FRANKLIN WETMORE BLYE
BARBARA JEAN GLOW
BARBARA JEANNE INGOLD
AMY MEGUMI ISHIBASHI, Honors in
Liberal Arts and Sciences with
Distinction in the Curriculum
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JOHN EDWARD STENCEL, JR., Honors in
Liberal Arts and Sciences with
Distinction in the Curriculum
ALMA LOUISE SYLVESTER
NANCY JO VANCURA, Honors in
Liberal Arts and Sciences with
Distinction in the Curriculum

In the Teaching of Mathematics

MARY ELIZABETH BLEWETT, Honors in
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Highest Distinction in the
Curriculum
SARAH JANE HOFASAS, Honors in
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High Distinction in the Curriculum

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High Distinction in the Curriculum
LILLIAN WATTS TOWER
JACQUELINE ALICE WEEDEN, Honors in
Liberal Arts and Sciences with
High Distinction in the Curriculum

COLLEGE OF LAW

Degree of Bachelor of Laws

BOYD WILSON ALLEN, JR., B.S., 1958
THOMAS MILBURN ANDERSON, JR., A.B.,
Beloit College, 1956
JAMES GABEL ARCHER, A.B., 1957; High
Honors
MICHAEL INGLES CAMPBELL, B.S., West-
ern Illinois University, 1956
THOMAS ENGLISH CHILCOTT, B.S., 1956
GLENN J. CHURCH, A.B., 1954
CLAIB LEE COOK, JR., A.B., 1954;
Honors
HOWARD MORTON DENENBERG, B.S.,
Northwestern University, 1956
ZELDA TRENNER DERBER, A.B., Univer-
sity of Akron, 1934
JOHN PORTER EAST, A.B., Earlham Col-
lege, 1953
WILLIAM HENRY EBBINGHAUS, A.B.,
1954
REGINA GYTE FIRANT, A.B., 1957
JERALD SANFORD GALOWICH, B.S., 1958
RONALD HOWARD GALOWICH, B.S., 1957
WILLIAM EUGENE GETZEN, B.S., 1954
WILLIAM SHEPARD GIBSON, JR., B.S.,
1954
MORTON GOLDSMITH, B.S., 1956
CHARLES RICHARD GRUNY, A.B., Illinois
College, 1953
JAMES DALE HANSON, B.S., 1953

JOHN GILMORE HAYES, A.B., 1954
JAMES ALBERT HUMPHREY, A.B.,
DePauw University, 1954
JAMES DONALD HURLEY, JR., A.B., 1957
ROBERT DANIEL JACKSON, A.B., South-
ern Illinois University, 1954
THEODORE ALBIS JACKSON, B.S., 1958
RONALD JAMES JAICOMO, B.S., Bradley
University, 1954
JIMMIE DALE KEEHNER, A.B., 1957
THOMAS ANDREW KILLOREN, B.S., 1952
GARY JOSEPH LEONARDO, B.S., 1959
ROBERT LOYAL LINDGREN, B.S., 1956
LYLE EURICE LIPE, B.S., 1954
CARL ALBERT LUND
THOMAS WIMP LYNCH, B.S., 1955;
M.S., 1958
JOSEPH MICHAEL MATHIS
SARAH MARGARET McALLISTER, A.B.,
1954
JOHN FREDERICK MCNETT, A.B.,
DePauw University, 1956
JOEL MILLER McNULTY, B.S., 1953
ANTHONY JOSEPH PAULETTO, B.S., 1957
BYRON MONROE POWELL, A.B., Beloit
College, 1956
NORMAN HUGH RACINE, B.S., 1956
ALFONSO WILLIAM RAZZANO
EDWARD EARL REICIN, B.S., 1957

ALLAN JESSE RENICHE, A.B., 1957;
Honors
KENNETH FRANCIS RITZ
FRED MASON ROBISON, B.S., 1956
EARLE VINCENT RYAN, A.B., St. Ambrose College, 1954
JAMES STEWART SHELTON, B.S., 1956
JERRY ELLIS SKINNER, A.B., Illinois Wesleyan University, 1956

MELVIN HARVEY SORKIN, B.S., 1957
THOMAS HUMM TRAGER, A.B., Dartmouth College, 1953
JACK WAALER, A.B., 1956
DONALD EUGENE WESTBROOK, A.B., 1953
JAMES KENNER WHITAKER, A.B., 1957
CARL FRANCIS WRENCH, A.B., 1957;
Honors

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In Education

MYRON HOWARD ANDERSON
RICHARD HUGH BAKER
BEVERLY DIANE BARR
CARL EMSLEY BASS
CAROL ANN BRANDT, Honors
BETTY LOU BRENTNER
DONNA RAE CHILES
LEO HENRY EMERY
BETTY BLACK HENRY
FRANK EDWARD KEPPELER
ELIZABETH BROWN LLOYD

MARILYN MARGUERITE MCWARD
JANE BERRY PARK
MARY EVELYN SMITH REAGAN
RICHARD PAUL SARGENT
JOSEPH DIXON SMITH
JAMES CARL TIMPE
YVONNE FRANCES VISH
VIRGINIA QUARTIER WAYNE
GAIL FOSTER WELCH
ARTHUR WISEMAN
ALLAN SHAW WOLFSON

In the Education of Mentally Handicapped Children

ARLENE SHEILA DUNNE
DOLORES TOLER HEINS, High Honors
AVIVA KATZ

STUART BAYES MCKENTY
EVELYN BERNICE RUPPRECHT
IRIS JACOBS SARRO, Honors

In Elementary Education

JACQUELINE LYNDALE ABRAMS
LYNNE IRIS ALDERMAN
SHIRLEY MARIE ALEXANDER
SUZANNE ALTHOFF, High Honors
IRENE DELLORA ANDERSON
JANET LEE ATEN
CONNIE BEDNARZ BABCOCK
DOROTHY ANN BARAN
BARBARA ANN BECKWITH
BRINDALL BEREST
ARLINE FAYE BERGQUIST
MARILYN LOUISE BOLCHERT
NANCY IRENE BOLDT
PATRICIA MILLER BRECKENRIDGE
RHEA DAVIS CABIN, High Honors
ALICE BEVERLY CARLSON
BETTY FUNG-KEI CHAN
JUDY MARGARET CLARK
MARILYN SCANZONI COLLINS
MARY CARR COOLEY
CAROL ANN COX
KATHRYN MARY DALY
CAROLYN FAY DARCH
MARI ANNE DAVISON
MEREDITH ANN DYKSTRA, Honors
JOSEPH KARL EBERHART
JOYCE ANN ERICKSEN
NANCY CAROL EVANS, High Honors
SONDRA ROSIN FISHMAN, Honors
MARY LUCINDA FORSYTH

LINDA SUE FREEMAN, Honors
JUDITH ANN FRIBLEY
MARY ELIZABETH GERSPACHER
WILMA ADRIENNE GILLMAN
JOANNE EDITH GLAESER
JOYCE RAEZA GOODMAN
JEAN ANN HAMILTON
MARIE PETERS HARLAN, Highest Honors
CAROL CORENE HEATH
SIMA DOREEN HEFTTEL
NORMA JEAN HIGHLANDER
JUDITH LYNN HIVELEY
WILMA GRACE HOLLENBACK
BETTY JEAN HOLPUCH, High Honors
PEGGY INGALLS
JO ANN IVENS, Honors
KAREN KAUFMANN
SUE ZAN KEAGLE
SHEILA WEINBERG KEESHIN
GLORIA JUNE KELLER
ISABEL ENEBORG KENNEDY
JANICE LEE KEREN
SUZANNE MARIE KING
MARY ELLEN CHRISTINE KJELLGREN
LOUISE FLACKS KURASH
BARBARA LUCILE LANGLEY
PATRICIA ELIZABETH LAZAR
MARY ANN LEONARD
NANCY LEE LINN

PATRICIA LOUISE LONG
 JANET KAY MCBAIN, High Honors
 PATRICIA ANN MCCORMICK, Highest Honors
 MILDRED McMURRAY, Honors
 JUDITH ROSE McWARD
 MERLE WEISS MEISELMAN
 ALEXIS MICHAEL
 ETHEL HARRIET MINOR
 EVELYN PAULINE MINTUN
 ALTRICIA ROENE MISSE
 COLLEEN EDNA MORIARTY
 PATRICIA ANN MULLOWNEY
 JUDITH KAY ORR
 ADRIENNE SANDRA PAULL
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 ANNE CAROLYN PICKETT, Honors
 JUDITH ANN PIETSCH
 SUSAN NELL PRILLAMAN
 BETTY MONTGOMERY RICH
 SYMMA KITOVER RICH
 SONDRRA KAY RIFES
 BETTY KENYON ROOKER, Honors
 PATRICIA ANN SAGER
 ARLENE FANNY SAMUEL

BARBARA MAX SAPP
 CAROL JEAN SCHMITT
 MARY ELIZABETH SCHNOBRICH
 MARY CULP SCHWAB
 BEATRICE ANN SCIARINI, High Honors
 LOUISA MAY SEMERDJIAN
 FRANCINE CAROL SHAPIRO
 MARY ANN SHURTZ
 ALICE MARIE SKLENICKA, Honors
 VERA RUHMAN SLATER
 MARY ANN SMITH
 ANN CLAIRE SOGNEFEST
 JANE CAROL SPEERS
 INA SUE STARR
 LUCILLE RARDIN STEWART
 CAROLE ANN TARADASH
 JUDITH ANNE TAYLOR
 JUANITA RHODES THOMAS
 RUTH MILDRED TOWNSEND
 JOAN BREJCHA VOTRUBA, High Honors
 JILL WALLACE
 MARGARET REDGWICK WALTERS
 DIANE RUTH WEHRMEISTER
 CAROL REED WEISS, Honors
 VIRGINIA BAUMAN ZALESKY, Honors

In Industrial Education

ROBERT CALLEN BARTLETT
 THOMAS DONALD BOYLE
 ROBERT CRICHTON BROWN
 WILLIAM EUGENE DEARWORTH

DAVID GEORGE REWERTS
 ARNO HENRY SCHRIEFER, JR.
 DONALD EARL SMITH
 ALVIN LEE VAN CLEAVE

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

PAUL EDWARD ALTIG
 RONALD LLOYD ANGLE
 ALLAN EDWARD BIBLIN, Honors
 BRUCE HOWARD BLOCK
 NEIL GARY BLUHM
 EDWIN ALLEN BORDEN
 JOSEPH THOMAS BRUSHERD
 RODGER WAYNE CALLIHAN, Honors
 NICHOLAS JOHN CARRAS
 KENNETH JAMES COCHRANE, Honors
 JAMES SAMUEL COLE
 RICHARD BURR COLLINS, Honors
 ROYAL LEE COX, Honors
 MARVIN DUANE DENNIS
 DERRALD CLARENCE DOEHRING
 DEAN DONALD DREWEL
 DONALD LESTER FERRIS
 RICHARD MAYER FISCHMAR
 RICHARD ALAN GOLDSTINE, Honors
 RONALD RAY GUTHOFF
 KENNETH ALLEN HAMILTON
 GEORGE LEWIS HARLAN
 VICTOR LYLE HARVEY
 JAY EDMUND HECHTMAN
 WILBUR LEE HOLMES
 DOROTHY MAY HUISINGA

ALLAN LOUIS JANDERA
 JAMES CHARLES JARRELL
 SOLOMON M. KAMM, Honors
 ALFRED LLOYD KILLIAN
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 BARBARA ANN WILFORD
 ROBERT ALAN YOUNG

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RICHARD SWIFT WINTON

In Marketing

OWEN HOERR ACKERMAN
 STEWART MARVIN AGOOS
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 HARRY FORREST BEACH
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 JON PAUL BOOK
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 MAURICE ROTH
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 ROY JOE WATKINS, Honors
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JOYCE DELVINA AGRESS
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In Urban Land Economics

JOHN WILLIAM CONNOLLY
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EDGAR BJERRE MADSEN
 ROBERT IRVING PORGES

COLLEGE OF JOURNALISM AND COMMUNICATIONS

Degree of Bachelor of Science

In Communications

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 NEAL BALL
 THOMAS SANBORN BARBER
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 FRANCIS WILLIAM CAHILL
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 WILLIAM WARREN DONAHOO
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 THOMAS KEITH ETNYRE, Honors
 MORTON GOULD
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 DONALD JOSEPH KAISER
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 CAROL ROSALIE LEAF
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MARY SCHUMACHER MOHRMAN, High
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 MICHAEL EARL NEGLEY
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 JEANNINE LORETTA RHINE
 MARY JOANNA RUSSELL
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 GEORGE WENDELL WILLHITE
 RICHARD GERALD WILLIFORD
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COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Architecture

JAMES ALBERT BABCOCK
 EUGENE ELMER BAETHKE
 HAROLD VAN CLEVE BEXTEL, Jr.
 ANTHONY ALEX BONAVOLONTA
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SUSAN JANE GLIESSMAN
THOMAS CARLYLE HEIN
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CHARLES CLIFFORD ASCHBRENNER,
Highest Honors
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 SVEN VALDEMAR KIRKEGAARD
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 JAMES ANDERSON WHITE
 JOHN PORTER WILLIAMS

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 CALVIN WILLIAM BARTHEL
 DEE CHARLES BOSWELL
 RICHARD PATTON BRADBURY
 JOSEPH LEO BREWER
 MARVIN ALLEN COSNOW
 ALBERT JUNIOR DAY
 EDWARD JOHN DICK
 JOSEPH ANTHONY DUCE, Honors
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 ROBERT STEPHEN HIRTH, Honors
 JOHN WILLIAM HORN
 DAVID LESLIE HUXSOLL, Honors

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 WESLEY DALE KNUTSON
 KENNETH EDWARD KOPECKY
 LOUIS ERNST LANDAU
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 NOEL DAVID MARION LEHNER
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 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
 KENNETH LOUIS WRONKE

Degree of Doctor of Veterinary Medicine

DALE MILTON BENNETT
 DWIGHT GRANVILLE BENNETT, JR.
 ROBERT STEVENS BLAKELY
 MARION DAVID BLILER
 WILLIAM EDWARD BRITZ, JR.
 GLEN DAVID CALHOUN
 MARVIN THEODORE CASE
 MELVIN GEORGE DEWEY
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 JERALD WAYNE KLECKLER
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HAROLD GLEN MEINER
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 ROBERT ALLEN PRICE
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 JAMES VICTOR SCOTT
 DONALD LEE SINGLETARY
 ROBERT GENE WILLIAMS, Honors
 ROBERT JUSTIN YOUNG
 PHILIP ZAND
 WESLEY JAY ZEHR

*Degrees Conferred at Chicago***HONORARY DEGREE****Degree of Doctor of Science**

ERNEST H. VOLWILER

GRADUATE COLLEGE**Degree of Doctor of Philosophy***In Anatomy*

LLOYD BERNHARDT ERIKSON, A.B., University of Rochester, 1949; A.M., University of Oxford, 1956

HERMAN MEDAK, B.S., University of Toledo, 1943; D.D.S., M.S., Northwestern University, 1946

JAMES AMOS YAEGER, D.D.S., M.S., Indiana University, 1952, 1955

In Biological Chemistry

BERNICE LOTTIE DMUCHOWSKI, B.S., 1951; M.S., Northwestern University, 1954

GLADYS GOLD KRAKOW, B.S., Roosevelt University, 1952; M.S., 1957

WARREN WELLS, A.B., A.M., Iowa State Teachers College, 1950, 1955

In Microbiology

JOHN WILLARD RIPPON, B.S., University of Toledo, 1953; M.S., 1957

In Physiology

ROBERT ALAN BARATZ, B.S., University of Wisconsin, 1952; M.S., 1954

Degree of Master of Science*In Anatomy*

DONALD FAIRBAIRN MACDOUGAL BUNCE II, B.S., University of Miami, 1951

MARGARET WILKINS DUBOIS, B.S., Roosevelt University, 1955

JOHN FRANCIS STREMPLE, A.B., Lake Forest College, 1957

SUNDER JETHANAND VAZIRANI, B.D.S., University of Bombay (India), 1952

In Biological Chemistry

RALPH HERMAN KATHAN, B.S., University of Chicago, 1949

In Chemistry (Pharmaceutical)

JOHN LELAND FISCHER, B.S., 1955

BRUCE DOUGLAS MARTIN, B.S., Union University, 1955

In Histology

ROBERT ERNEST GOING, A.B., Valparaiso University, 1948; B.S., D.D.S., 1951, 1953

RICHARD LEIGH HOFFMAN, D.D.S., Northwestern University, 1946

FREDERICK JAMES MARSHALL, D.M.D., University of Oregon, 1949

WILLIAM ARTHUR MILLER, B.D.S., University of London (England), 1956

In Microbiology

LAWRENCE JOSEPH ALFRED, B.S., Xavier University, 1952

ROBERT MAX BECHTLE, A.B., State Teachers College (Valley City, North Dakota), 1947

RONALD ALAN ZUSSMAN, B.S., Loyola University, 1957

In Oral Surgery

EUGENE CASIMER LEKAN, A.B., Illinois College, 1949; B.S., D.D.S., 1954, 1956

In Orthodontics

- ROBERT ANDREW ANDERSON, B.S., Oregon State College, 1952; D.M.D., University of Oregon, 1954
 SAMUEL BERKOWITZ, A.B., D.D.S., New York University, 1949, 1954
 KLEVE CARLYLE JOHNSON, B.S., D.M.D., University of Oregon, 1953, 1955
 JOHN JOSEPH SCULLY, D.D.S., University of Pennsylvania, 1954
 BERNARD ARTHUR YENNE, D.M.D., University of Oregon, 1954

In Pathology

- DAVID ANTHONY ROTHSTEIN, B.S., 1957

In Pedodontics

- WILLIAM ANTHONY BARRY BROWN, L.D.S., Guy's Hospital Dental School (England), 1950
 IRAIDA PINEIRO GARCIA, A.B., Winthrop College, 1952; D.D.S., Loyola University, 1957
 MARVIN KOZLOV, B.S., D.D.S., 1954
 HANNELORE LOEVY, C.D., University of Sao Paulo (Brazil), 1953
 NIRMALA HASHMATRAI MANSUKHANI, L.D.Sc., Nair Hospital Dental College (India), 1954

In Pharmacology

- JOHN CLYDE BRINLING, B.S., Duquesne University, 1957
 JOSEPH RICHARD DAVIS, B.S., M.D., 1956, 1958
 JEAN-LOUIS ROGER RIEHL, B.S., M.D., 1952, 1954, 1956
 PARK WAYNE WAGERS, B.S., University of Kansas, 1954

In Physiology

- HENRY LAWRENCE MCCROREY, B.S., M.S., University of Michigan, 1949, 1950
 JOHN MANIERRE MILLS, A.B., B.S., 1955, 1957
 ERNEST JOHN SUKOWSKI, B.S., Loyola University, 1954

In Physiology (Clinical Science)

- KURTS WOLDEMARS LIEPINS, M.D., University of Marburg (Germany), 1950
 C. S. NARAYANA SETTY, M.B.B.S., University of Mysore (India), 1948
 RYUTA SUZUKI, M.D., Keio University (Japan), 1949

In Surgery

- GEORGE JOSEPH MARIAN SLAWIKOWSKI, B.S., A.M., Cambridge University (England), 1952, 1956; M.B., Ch.B., University of Edinburgh (Scotland), 1955

COLLEGE OF DENTISTRY

Degree of Doctor of Dental Surgery

- | | |
|---|---|
| EUGENE ELLISON AIKMAN, B.S., 1957 | ARNOLD CLEVS, B.S., 1957 |
| Eastern Illinois University, 1954 | BERNARD MARION COLE, B.S., 1957 |
| HENRY BAER, B.S., 1957 | JAMES FREDERIC CRAMER, B.S., 1957 |
| DENNIS BYRON BARBER, A.B., Washington University, 1955 | FRANK PAUL DEGAETANO |
| ERWIN PHILLIP BARRINGTON, B.S., 1957 | WILLIAM GEORGE DRACOS, B.S., 1957 |
| ROBERT LAVERNE BRADBURY, B.S., 1957 | ALLEN IRVING DRYSCH, B.S., 1958 |
| DEAN VARIAN BRADLEY, B.S., Elmhurst College, 1951 | ALFRED FERDMAN, B.S., 1955 |
| EDWARD BRENNER, B.S., Roosevelt University, 1955; B.S., 1957 | LEONARD IRWIN FISCHBACH, B.S., 1957 |
| TRACY LELAND BRYANT, JR., B.S., United States Merchant Marine Academy, 1954 | ROBERT JOSEPH FLAMER, B.S., 1957 |
| JAMES LOWELL BUCKNER, B.S., 1957 | ARTHUR FLICKER, B.S., 1955, 1958 |
| ANTHONY FRANK CASTROGIOVANNI | CYRIL LEO FRIEND, JR., B.S., 1957 |
| ROBERT JOSEPH CHALLENGER, B.S., 1957 | WILLIAM EDWARD FRYMIRE, B.S., 1955, 1957 |
| | WAYNE MERRILL GILMORE, A.B., Beloit College, 1955; B.S., 1957 |
| | ARNOLD GOLDSTEIN, B.S., 1955, 1957 |
| | JOSEPH WILLIAM GRUBER, JR., B.S., 1957 |

JAMES EDWARD HAGE, B.S., 1957
 JERRY DEAN HILL
 LAWRENCE SHERWOOD HOCHMAN, B.S., 1957
 JOHN OSCAR HUDGINS, JR., A.B., Southern Illinois University, 1955; B.S., 1957
 ROBERT HUGH HUMPHREY
 MILTON JACK ISAACS, B.S., 1957
 ALBERT LEVERN JACKSON
 BARRY ALLAN JANOV, B.S., 1957
 GUNTHER JULIUS KAZALLA, A.B., B.S., 1951, 1957
 GEORGE FRANCIS KENNEDY
 MORTON KREITZMAN, B.S., 1957
 CLIFFORD SHOJI KUWAMOTO, B.S., Michigan State University, 1950; M.S., University of Chicago, 1951
 ROBERT LEE LARSEN, A.B., Augustana College, 1955; B.S., 1957
 IRVING JEROME LEONARD, B.S., 1957
 WILLIAM HERMAN LINDENBERG, B.S., 1957
 LEO LEONARD LUNDBERG, A.B., Augustana College, 1952
 ALVIN MEDVIN, B.S., 1955, 1958
 ROGER CHARLES MICHALSEN
 BRUCE MOWAT

DANIEL SHERMAN NIELSEN, B.S., 1952
 LARRY ALVIN PERLIS, B.S., 1955
 WARREN EUGENE PETTY, B.S., 1957
 DONALD WORTH RICE, A.B., 1950
 JOHN DARREL RIEDLINGER, B.S., 1957
 NIJOLE APOLLONIA SALKAUSKAS, B.S., 1957
 GERALD PATRICK SCANLON, B.S., St. Procopius College, 1955
 EGON BENEDICT SCHEIN, B.S., 1956
 CHARLES WILBUR SHOLES, JR.
 CLAUDE IRVIN SIME, JR., B.S., 1957; with Honors
 JOSEPH JOHN STACHNIAK, B.S., 1953, 1957
 ARNOLD FELIX SUFALCO, B.S., 1957
 PAUL RAY SWAYNE, A.B., Wabash College, 1954; B.S., 1957
 PERRY VOORNAS, B.S., Loyola University, 1951
 NORMAN WAHL, B.S., United States Military Academy, 1946
 IRWIN ALLEN WEINSTEIN, B.S., 1957
 JOHN ORVILLE WELLS, A.B., Park College, 1955; B.S., 1957
 ROGER RAY WOLF, B.S., 1957
 WILLIAM ALLAN ZERIN, B.S., 1955

COLLEGE OF MEDICINE

Degree of Bachelor of Science in Occupational Therapy

JANET ASTRID ANDERSON
 SYLVIA KINKO ARAKAWA
 ROCHELLE BARBRE
 MARILYN EILEEN BERCHER
 EMILIE CLAIRE CUNNINGHAM BISHOP, with Honors
 GILBERT LEE FINK, with Honors
 MARTHA ANN GROSS, with Honors
 RUTH GOLDSCHMIDT GROSSMAN
 BETTY LOUISE HURWITZ

BARBARA JEAN TYNER LOAR
 ALICE RHODA MARKIN
 JANET FIELD MILLER
 CLARK LEAVERTON SABINE
 BARBARA JEANE SCHOB
 JUDITH SIMONSON
 NANCY JEAN SONS, with Honors
 SUSAN ANN STRANDIN
 MARJORIE ALICE WILHELM

Degree of Doctor of Medicine

GEORGE DONALD AURAND, A.B., Lake Forest College, 1955; B.S., 1957
 WILLIAM EDGAR BAILEY, B.S., 1957
 CHARLES SYDNEY BAKER, B.S., 1952, 1958
 JOHN STARK BARKER, B.S., 1957
 ROBERT FORREST BARNES, B.S., 1957
 RONALD JULIUS BECK, B.S., 1957
 JOHN LOWELL BENDER, B.S., 1957
 ROBERT FRANKLIN BERGERON, B.S., 1958
 LEONARD BERLIN, B.S., 1957
 RAYMOND ALTON BESSEMER, A.B., University of Chicago, 1954
 JOHN DONALD BEST, B.S., 1957
 GORDON RICHARD BLOOMBERG, A.B., B.S., 1955, 1957
 PETER ALBERTUS BOELEN, B.S., Calvin College, 1957; B.S., 1957
 ROBERT LEO BONUS, B.S., 1957
 EUGENE KENT BORCHART, B.S., 1955

DAVID CHARLES BOYCE, A.B., Southern Illinois University, 1955; B.S., 1957
 JEROME SAUL BRODY, B.S., 1955
 JOHN ANTHONY CABALA, B.S., 1957
 EDWIN JOSEPH CAREY, B.S., Northwestern University, 1949; B.S., 1958
 WILLIAM ALLAN CARO, B.S., 1957; with Honors
 FRANK CAVALLARO, B.S., Elmhurst College, 1955; B.S., 1957
 WILLIAM FRANCIS CAVENDER, B.S., 1955, 1957
 JACK LAMONT CHITTY, B.S., 1957
 ANN EFNER CLARKE, B.S., 1955, 1958
 WALTER HENRY CLARKE, A.B., 1951
 HAROLD LEE CONLEY, B.S., Butler University, 1952; B.S., 1958
 JOSEPH JAY CRITTENDEN, A.B., Wabash College, 1955; B.S., 1957

- ARNOLD DALE CURNYN, B.S., University of Notre Dame, 1955; B.S., 1957
- KENNETH WALTER CURTIS, JR., B.S., Beloit College, 1955
- RONALD LEE DEWALD, B.S., 1957
- DAVID PETER DISCHER, B.S., University of Notre Dame, 1955
- PAUL HOMER DUFFEY, A.B., B.S., 1956, 1957
- RICHARD CRANE DURLAND, B.S., 1957
- JAY DAVID ELLENBY, B.S., 1957
- JOSEPH LEO EMMERICH, B.S., 1957
- ROBERT BERNARD EPSTEIN, B.S., 1957
- JAMES ELWOOD ESHENAU, A.B., Iowa Wesleyan University, 1952; B.D., Northern Baptist Theological Seminary, 1955; B.S., 1957
- MAX FREDERICK FINKEL, B.S., 1957
- DONALD JAY FISHMAN, B.S., 1957
- RONALD SHERWIN FISHMAN, B.S., 1957
- LEO LESLIE FITZGERALD, JR., B.S., 1956, 1957
- ROBERT ANDREW FLINN, B.S., 1957
- ERNEST WILBUR FORDHAM, B.S., 1955, 1957
- MICHAEL IRA FRANK, B.S., 1957; with Honors
- RALPH KENRICK FRAZIER, B.S., 1949, 1958
- HARVEY MARTIN FREED, B.S., 1957
- JOSEPH C. FREMONT, B.S., 1957
- TED HOWARD GABRIELSEN, A.B., Asbury College, 1955; B.S., 1957
- GERALD JOSEPH GLANTZ, B.S., 1955
- EUGENE JACK GOLDMAN, B.S., 1957
- HANNAH GOLDSCHMIDT, B.S., Bradley University, 1952; B.S., 1958
- BARRY ARNOLD GOLDSMITH, B.S., 1957
- HARRIS SIDNEY GOLDSTEIN, B.S., 1955
- EVERETT PAUL GRAHN, A.B., B.S., 1954, 1957
- BURTON GREEN, B.S., 1957
- JOSEPH LEE GULICK, B.S., 1957
- DONALD HORD GUSTAFSON, A.B., Augustana College, 1954; B.S., 1957
- WILLIAM MCCLELLAN HAMBY, A.B., B.S., 1955, 1957
- DAVID RAY HAMILTON, B.S., 1957
- RICHARD THEODORE HARELIK, B.S., 1957
- JAMES SUTTON HASTIE, B.S., 1957
- JOHN GILBERT HEIKEN, B.S., 1957
- JOHN LYNN HILL, B.S., 1957
- DAVID WELTY HOCKMAN, A.B., Carthage College, 1955; B.S., 1957
- ROGER ALLEN HOEKSTRA, A.B., Calvin College, 1955; B.S., 1957
- GERALD KEITH HOFFMAN, A.B., Lake Forest College, 1951; M.S., University of Wisconsin, 1953; B.S., 1957
- MARTIN HOFFMAN, B.S., 1957
- HERBERT JAMES HOSTETLER
- SHELDON EUGENE HUFFMAN, A.B., A.M., University of Chicago, 1950, 1953; B.S., 1958
- JEROME BASIL JACOBSON, B.S., 1957
- ROBERT DOVE JENKINS, B.S., 1957
- CARL HARRY JONNER, A.B., Millikin University, 1955; B.S., 1958
- ALAN RICHARD KAHN
- LARRY MORTON KEER, B.S., 1957; with Honors
- ARWALT PAUL KEHLE, B.S., 1955; 1958
- THEODORE MATTHEW KING, B.S., Quincy College, 1950; M.S., 1952
- RONALD GARY KITE, B.S., 1957
- ALFRED JULIAN KOBAK, JR., B.S., 1957
- GEORGIA COLLEEN KOST, B.S., 1955
- WILLIAM JAMES KRAMER, B.S., 1957
- DAVID WALLACE KRANS, B.S., 1957
- CHARLES SHERWIN LANE, B.S., 1957
- JOHN MERTON LARSON, A.B., B.S., 1956, 1957; with Honors
- ROBERT JOEL LEE, B.S., 1957
- GERALD SANFORD LEEF, B.S., 1957
- LESLIE EUGENE LINDBERG
- HOWARD IRVING LOPATA, B.S., 1957
- DONALD WILLIAM LUBER
- LEE ALVIN MALMED, B.S., 1957
- ALBERT SCHULTAIS MAURER, B.S., 1957
- PATRICK MALACHY MCGUIGAN, B.S., 1957
- MARILYN TREACY MILLER, B.S., Purdue University, 1954; B.S., 1958
- MORTON MILLER, B.S., M.S., 1953, 1955; B.S., University of South Dakota, 1957
- JOHN MANIERRE MILLS, A.B., B.S., 1955, 1957
- SHERMAN MARTIN MINKOFF, B.S., 1957
- LAWRENCE MATTHEW MLECKO, B.S., 1957
- ROLLO JAY NESSET, B.S., 1955, 1957
- GEORGE MICHAEL NICKAS, A.B., DePauw University, 1955; B.S., 1957
- RICHARD GEORGE NORENBERG, A.B., North Central College, 1955; B.S., 1957
- ROBERT OTTUS PASNAU, B.S., 1957
- CHARLES HATCH PATTON, A.B., University of Michigan, 1955; B.S., 1957
- DON CARY PEARSON, B.S., 1957
- THOMAS LOUIS PEYLA, B.S., 1957
- RICHARD LEE PHILLIPS, B.S., 1957
- JAMES BERNARD PINSKI, A.B., B.S., 1955, 1957
- JOHN ROGER POWELL, B.S., 1957
- ROGER DALE QUINN, B.S., 1957
- LOUIS JOSEPH RAIA, B.S., 1956
- WILLIAM DEWITT ROBINSON, B.S., Washington University, 1951; B.S., 1957
- SEYMOUR ROSEN, B.S., 1958

- DAVID ANTHONY ROTHSTEIN, B.S., 1957; with Honors
 WILBUR FRANCIS ROWLEY, B.S., 1957
 LARRY DAVID SAMUELS, A.B., Blackburn College, 1955; B.S., 1957
 RICHARD JOSEPH SASSETTI, B.S., 1957
 EDWARD WILLIAM SCHAUERTE, B.S., 1957
 BERNARD SCHENCKER, B.S., 1957; with Honors
 STEPHEN EDWARD SCHUBERT, B.S., 1957
 FRED JOSEPH SCHULTZ, A.B., Luther College, 1954; B.S., 1956
 SHELDON DEWEY SCHWARTZ, B.S., 1955, 1958
 CHARLES EDWARD SEIBERT, B.S., 1957; with Honors
 BERNARD ROBERT SERED, B.S., 1957
 ROBERT HAROLD SEWELL, A.B., B.S., 1956, 1957
 LESLIE BERNARD SHANOFF, B.S., 1957
 NORMAN SHAPIRO, A.B., B.S., M.S., 1954, 1957, 1955
 MILFORD PAUL SHUMAN, B.S., 1957
 GERALD ELLIS SILVERSTEIN, B.S., 1957
 RUSSELL YATES SNOW, A.B., Southern Illinois University, 1955; B.S., 1957
 ALEX EDWARD SOLIK, B.S., 1957
 HARRY HART STEPHENS, JR., A.B., Earlham College, 1955; B.S., 1957
 JAMES WINSOR STOUGH, B.S., Wheaton College, 1954
 MURTON DONALD STRIMLING, B.S., 1957
 JAMES THOMAS STRIPE, A.B., Monmouth College, 1955; B.S., 1958
 DONALD FREDERICK SUMMERS, B.S., 1957; with Honors
 THOMAS LEVIN SUSSEX, B.S., University of North Dakota, 1957
 HAROLD MARVIN SWARTZ, B.S., 1957
 MARY NEWSOME SZAMOS, A.B., University of Chicago, 1950
 ELROY ELMER TATGE
 RICHARD PAUL TAYLOR, B.S., 1957
 ROBERT JOHN THURNBLAD, B.S., 1957
 LEONARD FRANKLIN TODD, JR., B.S., 1957
 JAMES RODELL TOSETTI, A.B., Southern Illinois University, 1955; B.S., 1957
 EUGENE PIERITZ TRAGER, B.S., 1954, 1957
 MARVIN TURCK, B.S., 1957
 CONRAD JOSEPH URBAN, B.S., 1957
 JOSEPH PAUL VELEK, JR., B.S., Northern Illinois University, 1955; B.S., 1957
 LEE OSMAN VIDA, B.S., 1957
 RICHARD ANTHONY WAHL, B.S., St. Louis University, 1955; B.S., 1957
 EARL EDWIN WALKER, B.S., 1957
 DAVID EDWARD WALZEM, B.S., Northwestern University, 1951
 DON HOWARD WASSERMAN, B.S., 1957
 WALTER WILLIAM WHISLER, JR., A.B., Augustana College, 1955; B.S., 1957
 GUIDO PAUL WILHELM, A.B., Washington University, 1955; B.S., 1957
 EDWARD THEODORE ZUKOWSKI, B.S., 1957

COLLEGE OF NURSING

Degree of Bachelor of Science in Nursing

- MARGUERITE ANDERSON DIXON, A.B., Emmanuel Missionary College, 1952
 G. HANNELORE BEITTEL, City Hospital (Dortmund, Germany), 1955; with Honors
 ANN JOYCE HUTH
 CAROLYN ANN MISHECK
 JOAN RUTH NEWBERRY
 DELORES JEAN READ
 GLORIA BARBARA RIBNEK
 ELLEN JANE RIGGLE
 ROCHELLE KOEBERLEIN SOKOL, with High Honors
 ELIZABETH HELEN STEGER
 RENETTA ANNE WICHER
 LENORE HELEN ZAMIS
 BARRIE KAY ZOLL

COLLEGE OF PHARMACY

Degree of Bachelor of Science in Pharmacy

- DENNIS CARL AMBROSE
 KEITH KENDON ANDERSON
 FRANK FRED BARONE
 EDWARD ADOLF BERKE
 NORMAN ROSCOE BROWN
 HARVEY STAMLER BUCK
 LARRY LEE BUSHU, with Honors
 JOSEPH RICHARD CARUSO
 EDWIN JAMES CHOATE
 SANFORD CECIL DISHMAN
 CAROLYN ELIZABETH NIEMAN DRING
 ARTHUR MYRON DRUCKER
 RODEN ROBINSON DUFF
 JOSEPH THADDEUS DYJA, JR.
 BARRY HERBERT ENGQUIST
 HAROLD NELSON FARBET
 BRUCE DUANE FICK
 LAWRENCE JOSEPH FISCHER, JR.
 JAMES RICHARD FLEMING
 JEROLD SHAPIN FOGEL

EDWARD ANDREW FORCASH
 LIBERO ANTHONY GARDELLA, Jr., with
 Honors
 TEDDY ROBERT GLADSON
 RAYMOND HUGHES GLESSNER
 FRANCIS JOSEPH GOLAB
 LEE TIMOTHY GRADY, with High
 Honors
 NATHANIEL N. GRANT
 ELWIN FRANK GUNZEL
 PETER STEPHEN GUSICH, Jr.
 THOMAS FREDRICK HARWOOD
 JACK EARL HILL
 LORENZ MARTIN HOFMANN
 THERESE IRENE HULA
 REGINA JURATE JUSKA
 MILLER HYMAN KALOM
 WARREN VICTOR KARLSEN
 ARTHUR EDMUND KARWACKI
 RICHARD THOMAS KELLY
 HARVEY SOLOMON KOBRIN
 MARY ANN KORNAUS
 CAROL ANN KRAHL
 JOSEPH DAVE KRAMER
 JOSEPH ABBA KRITZMAN
 MATTHEW DAVID KRUGEL
 RICHARD GEORGE KRYWOKULSKI
 BURTON IRWIN LICHTER
 SYLVESTER CHESTER LULINSKI
 CAROLANN MARY MAHER
 MARSHALL MANN
 ARTHUR ROBERT MANSON
 GEORGE STANLEY MARCOTTE
 ROBERT MARTINI
 ALFRED FERENCZ MARTON
 MARIE ANN MATESE
 FRANK ANTHONY MAZZUCA
 ROBERT SALVATORE MAZZUCA

PATRICIA ANN MCLEOD
 PAUL JOHN MEEHAN
 SHELDON MINSKY
 PHYLLIS LEE MOSS, with Honors
 WALTER ALBERT MOTYKA
 RICHARD KEITH PARKER
 GERALD NORMAN PERLMAN
 JOAN PULS
 HAROLD GENE RAIMAN
 HAROLD EUGENE ROGERS
 JOEL SANDOR ROSEN
 THEODORE ROSENTHAL
 KENNETH ANTON RUS
 CLYDE CAMPBELL RUSH
 RALPH WARREN SCHACK
 DONALD PAUL SCHULTZ
 JAMES EVERETT SCHULTZ
 DANIEL NORBERT SEROWIECKI
 BENJAMIN SHWACHMAN
 JEANETTE CATHERINE SIKORA
 ALBERT STANLEY SIROTA
 ARTHUR VERNON SMITH
 LAWRENCE WILSON SOBLE, B.S., M.S.,
 University of Chicago, 1949, 1953
 DONALD EDWARD THURSTON
 HOWARD SAMUEL TURK
 ROSALIE MARIE VALVODA
 GEORGE WALLACE, JR.
 ELIZABETH LUISE WASSMER
 HENRY WATSON
 ELEANOR ALLEN WEINER
 SHELDON SAUL WEINER
 THOMAS LAURENCE WELSH
 EDWARD ALLEN WHITCOMB
 RONALD PETER WILBOIS, with Honors
 HAROLD ZFANEY
 DON CHARLES ZUGSCHWERDT
 CHARLES ANTHONY ZURAITIS

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 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.)

ALLEN, CHARLES M., Acting Dean of the College of Education, six months from March 1, 1959, at an additional salary of \$83.33 a month; this is in addition to his present appointment (6-8-59).

ALMY, GERALD M., Professor of Physics and Associate Head of the Department (C), June 16-30, 1959, and July 16-August 31, 1959, \$1866.67 a month; this is in addition to his present appointment (6-8-59).

ALTSTETTER, CARL J., Assistant Professor of Metallurgical Engineering (Mining and Metallurgical Engineering) (C), two months from June 16, 1959, \$1377.78; this is in addition to his present appointment (5-26-59).

ANDERSON, KERMIT B., Instructor in the Institute of Aviation, June 16-August 31, 1959, \$8000 a year, supersedes (5-8-59).

ANDERSON, RICHARD C., Research Associate in Ceramic Engineering (S), June 16-August 31, 1959, \$550 a month (5-25-59).

- AUSTIN, WALTER J., Associate Professor of Civil Engineering (C), $\frac{1}{2}$ time, two months from June 16, 1959, \$900; this is in addition to his Summer Session appointment (5-25-59).
- AXEL, PETER, Associate Professor of Physics (C), two months from July 16, 1959, \$933.33 a month; this is in addition to his present appointment (5-21-59).
- BAERWALD, JOHN E., Associate Professor of Traffic Engineering (Civil Engineering) (College of Engineering and Physical Plant), two months from June 16, 1959, \$1800; this is in addition to his present appointment (6-8-59).
- BAFUS, DONALD A., Research Assistant in Chemistry, two months from June 16, 1959, \$800 (5-25-59).
- BAILEY, ALBERT D., Professor of Electrical Engineering (C), two months from June 16, 1959, \$1000 a month; this is in addition to his present appointment (5-25-59).
- BAKER, ROBERT L., Visiting Lecturer in Education, Summer Session of 1959, June 15-August 8, 1959, \$1800 for the period (5-12-59).
- BALLOWE, JAMES C., Editorial Assistant in the Engineering Experiment Station, June 16-August 31, 1959, \$433.33 a month (5-26-59).
- BANKS, EDWIN M., Assistant Professor of Animal Science (S), $\frac{4}{5}$ time, two months from July 1, 1959, \$1000; this is in addition to his present appointment (5-21-59).
- BAUM, BARBARA, Assistant in Education (University High School), two months from June 16, 1959, \$944.44 (5-6-59).
- BEALS, R. J., Assistant Professor of Ceramic Engineering (S), two months from June 16, 1959, \$744.44 a month; this is in addition to his present appointment (5-8-59).
- BEBERMAN, MAX, Professor of Education (University High School), two months from June 16, 1959, \$2333.33; this is in addition to his present appointment (5-5-59).
- BECK, PAUL A., Professor of Physical Metallurgy (Mining and Metallurgical Engineering) (C), two months from June 16, 1959, \$2666.66; this is in addition to his present appointment (6-8-59).
- BECK, MRS. SALLY, Counselor in the Student Counseling Service (Provost's Office), two months from July 1, 1959, \$800 (5-5-59).
- BECKER, WESLEY C., Assistant Professor of Psychology, two months from June 16, 1959, \$1488.88; this is in addition to his present appointment (5-25-59).
- BENBROOK, ELIZABETH A., Reference Assistant in the Library, two months from July 1, 1959, \$375 a month (5-4-59).
- BENNETT, PHILIP E., Instructor in Theoretical and Applied Mechanics (C), academic year beginning September 1, 1959, \$5000 (5-5-59).
- BHATIA, BHARAT B., Research Assistant in Chemistry, June 16-August 31, 1959, \$1015, supersedes (5-25-59).
- BIJVOET, PAUL, Research Associate in Pharmacology (Medicine), four months from May 1, 1959, \$7000 a year (5-25-59).
- BLAKE, ELIAS, JR., Visiting Lecturer in Education (Chicago Undergraduate Division), Summer Session of 1959, June 19-August 14, 1959, \$1000 for the period (5-8-59).
- BLAUFARB, MRS. MYRNA, Counselor in the Student Counseling Service (Provost's Office), two months from July 1, 1959, \$800 (5-5-59).
- BLOOM, EARL P., Instructor in English, Summer Session of 1959, June 15-August 8, 1959, $\frac{1}{2}$ time, \$523 for the period (6-3-59).
- BOBOTEK, HENRY G., Research Associate in the Control Systems Laboratory (S), three months from June 1, 1959, \$517 a month, supersedes (5-25-59).
- BOHL, ROBERT W., Associate Professor of Metallurgical Engineering (Ceramic Engineering) (S), two months from June 16, 1959, \$888.88 a month (5-8-59).
- BORNARTH, ROBERT L., Assistant in the Institute of Aviation, two months from June 16, 1959, \$450 a month (5-21-59).
- BOURGIN, DAVID G., Professor of Mathematics, June 16-August 31, 1959, \$1444.44 a month; this is in addition to his present appointment (5-15-59).
- BOWMAN, CLETUS E., Professor of Theoretical and Applied Mechanics (C), $\frac{1}{3}$ time, two months from June 16, 1959, \$322.22 a month; this is in addition to his Summer Session appointment (6-1-59).
- BRADFORD, VIRGIL E., Research Assistant in Ceramic Engineering (S), three months from June 1, 1959, \$450 a month, supersedes (5-8-59).

- BRISCOE, JOHN W., Professor of Civil Engineering and Assistant Head of the Department (C), June 16-July 31, 1959, and August 16-31, 1959, \$1000 a month; this is in addition to his present appointment (5-25-59).
- BROWN, FREDERICK C., Associate Professor of Physics (C), two months from June 16, 1959, \$855.55 a month; this is in addition to his present appointment (5-25-59).
- BROWN, ROGER K., Instructor in Education, July 13-August 8, 1959, \$744.44; this is in addition to his present appointment (5-5-59).
- CAPEK, RAYMOND G., Research Assistant in Ceramic Engineering (S), June 16-August 31, 1959, \$433.33 a month (5-4-59).
- CHERTACK, MELVIN M., Clinical Assistant Professor of Medicine, in the Health Service (Chicago Professional Colleges) and in the College of Medicine, three months from June 1, 1959, supersedes salaried appointment (5-25-59).
- CHOW, VEN TE, Professor of Hydraulic Engineering (Civil Engineering) (S), two months from June 16, 1959, \$1867; this is in addition to his present appointment (5-25-59).
- CLARK, MARLYN E., Associate Professor of Theoretical and Applied Mechanics (C), June 16-30, 1959, and July 16-August 31, 1959, \$788.89 a month; this is in addition to his present appointment (6-1-59).
- COHN, BENJAMIN, Research Associate in Education, June 29-August 21, 1959, \$1200 (5-22-59).
- COLEMAN, PAUL D., Professor of Electrical Engineering (C), two months from June 16, 1959, \$1166.67 a month; this is in addition to his present appointment (5-25-59).
- CONNELL, BARBARA, Assistant to the Dean of Women, one month from July 1, 1959, \$400 (5-5-59).
- COSTIN, FRANK, Clinical Counselor in the Student Counseling Service, $\frac{1}{2}$ time, two months from June 16, 1959, \$822; this is in addition to his $\frac{1}{2}$ -time Summer Session appointment (5-6-59).
- CRAIG, JEWEUS, Research Associate in Plant Pathology (S), two months from July 1, 1959, \$500 a month, supersedes (5-26-59).
- CROTHERS, MILTON H., Associate Professor of Electrical Engineering, Summer Session of 1959, June 15-August 8, 1959, $\frac{1}{2}$ time, \$889 for the period, supersedes previous Summer Session appointment (5-27-59).
- CUTLER, ALICE M., Visiting Lecturer in Education, Summer Session of 1959, June 15-August 8, 1959, $\frac{1}{2}$ time, \$700 for the period (5-26-59).
- DANNER, ELLIS, Professor of Highway Engineering (Civil Engineering) (C and S), $\frac{2}{3}$ time, June 16-August 31, 1959, \$800 a month; full time from September 1-15, 1959, \$666.67 for the period; this is in addition to his present appointment (5-25-59).
- DASGUPTA, S., Instructor in Electrical Engineering, Summer Session of 1959, June 15-August 8, 1959, full time, \$1067 for the period, supersedes previous Summer Session appointment (5-27-59).
- DAVIES, CHARLES J., Assistant in Speech (University Speech Clinic), Summer Session of 1959, June 15-August 8, 1959, \$800 for the period (5-8-59).
- DAVISSON, MELVIN T., Instructor in Civil Engineering, Summer Session of 1959, June 15-August 8, 1959, $\frac{1}{2}$ time, \$523 for the period (5-27-59).
- DAY, MAHLON M., Professor of Mathematics and Head of the Department, $\frac{1}{2}$ time, two months from June 16, 1959, \$683.50 a month; this is in addition to his $\frac{1}{2}$ time Summer Session appointment (5-15-59).
- DICK, BERTRAM G., JR., Research Associate in Physics (C), three months from June 1, 1959, \$625 a month, supersedes (6-8-59).
- DIPERT, ARNOLD W., Assistant in Electrical Engineering, Summer Session of 1959, June 15-August 8, 1959, \$845 for the period (5-12-59).
- DOBROVOLNY, JERRY S., Associate Professor of General Engineering (Civil Engineering) (S), full time, one month from June 16, 1959, \$833.33; this is in addition to his present appointment (5-25-59).
- DRICKAMER, HARRY G., Professor of Chemical Engineering Research (S), two months from June 16, 1959, \$3011; this is in addition to his present appointment (6-8-59).
- DUBERG, JOHN E., Professor of Civil Engineering (C), two months from June 16, 1959, \$2666.66; this is in addition to his present appointment (5-25-59).
- DUDLEY, WILLIAM A., Assistant in Animal Science (C and S), two months from July 1, 1959, \$366.66 a month, supersedes (6-8-59).

- DULANY, DONELSON E., JR., Assistant Professor of Psychology, two months from June 16, 1959, \$1488.88; this is in addition to his present appointment (5-25-59).
- DUNLAP, HOWARD L., Catalog Assistant in the Library, June 15-August 31, 1959, \$400 a month, supersedes (5-26-59).
- ECKLAND, BRUCE, Research Assistant in Sociology, three months from June 16, 1959, \$1200 (5-25-59).
- ELLISON, FRED P., Assistant Professor of Spanish, Summer Session of 1959, June 15-August 8, 1959, $\frac{1}{2}$ time, \$756 for the period, supersedes previous Summer Session appointment (6-8-59).
- EMERY, WILLIS L., Professor of Electrical Engineering (C), two months from June 16, 1959, \$1077.77 a month; this is in addition to his present appointment (5-25-59).
- EWING, BEN B., Associate Professor of Sanitary Engineering (Civil Engineering) (S), $\frac{1}{2}$ time, two months from June 16, 1959, \$856; this is in addition to his Summer Session appointment (5-25-59).
- FLORES, JOSEPH S., Associate Professor of Spanish, Summer Session of 1959, June 15-August 8, 1959, $\frac{1}{2}$ time, \$922 for the period, supersedes previous Summer Session appointment (6-8-59).
- FOX, BENUM W., Clinical Associate in Medicine (Medicine), five months from April 1, 1959, without salary, supersedes salaried appointment (5-4-59).
- FRAENKEL, GOTTFRIED S., Professor of Entomology, two months from June 16, 1959, \$1066.66 a month; this is in addition to his present appointment (5-22-59).
- FRAJOLA, WALTER J., Visiting Lecturer in Chemistry, Summer Session of 1959, June 15-July 11, 1959, \$1223 for the period (6-8-59).
- FRIEDBERG, ARTHUR L., Professor of Ceramic Engineering (C), two months from June 16, 1959, \$1066.66 a month; this is in addition to his present appointment (5-5-59).
- GALINSKY, ALVIN M., Instructor in Chemistry (Pharmacy), Summer Session of 1959, June 22-August 1, 1959, \$800 for the period (5-26-59).
- GANS, PAUL J., Research Associate in Chemistry, one year from September 1, 1959, \$5600 (5-25-59).
- GEAR, CHARLES W., Research Assistant in the Digital Computer Laboratory, Summer Session of 1959, June 15-August 8, 1959, \$1000 for the period (5-6-59).
- GILLESPIE, WALTER L., Assistant in Education, July 13-August 8, 1959, \$400 (5-5-59).
- GODWIN, JOSEPH R., Research Assistant in Sociology, two months from July 16, 1959, \$800 (5-25-59).
- GOLDMAN, JACQUELIN, Counselor in the Student Counseling Service, two months from July 1, 1959, \$800 (5-5-59).
- GOLDWASSER, EDWIN L., Associate Professor of Physics (C), two months from June 16, 1959, \$944.44 a month; this is in addition to his present appointment (5-25-59).
- GOODWIN, HAROLD A., Research Associate in Chemistry, September 16, 1959-August 31, 1960, \$5400 a year (6-2-59).
- GORHAM, NYLA M., Instructor in Foods and Nutrition (Home Economics) (E), July 1, 1959-August 31, 1960, \$6500 a year (6-8-59).
- GOTHELF, BERNARD, Research Assistant in Psychiatry (Medicine), April 12-August 31, 1959, \$458.33 a month, supersedes (5-26-59).
- GOTTHEIL, FRED M., Instructor in Economics, academic year beginning September 1, 1959, \$6500 (6-1-59).
- GOULD, ORRIN E., Assistant Professor of Education, June 15-August 8, 1959, \$1444.44; this is in addition to his present appointment (5-5-59).
- GRANT, E. RHODA, Research Associate in Clinical Science (Medicine), $\frac{3}{4}$ time, four months from May 1, 1959, without salary, supersedes salaried appointment (6-1-59).
- GRAY, ROBERT E., Assistant Professor of Music, Summer Session of 1959, June 15-August 8, 1959, full time, \$1334 for the period, supersedes previous Summer Session appointment (6-8-59).
- GRICE G. ROBERT, Professor of Psychology, two months from June 16, 1959, \$2111.10; this is in addition to his present appointment (5-25-59).
- GYERMEK, LASZLO, Assistant Professor of Pharmacology (Medicine), two months from July 1, 1959, \$766.67 a month; this is in addition to his present appointment (6-8-59).

- HAKE, HAROLD W., Associate Professor of Psychology, two months from June 16, 1959, \$1844.44; this is in addition to his present appointment (5-25-59).
- HALL, CHARLES A., Research Assistant in Ceramic Engineering (S), June 16-August 31, 1959, \$433.33 a month (5-8-59).
- HALL, JAPHETH, JR., Research Associate in Education (University High School), $\frac{1}{2}$ time, two months from June 16, 1959, \$555.56 (5-5-59).
- HALL, WILLIAM J., Associate Professor of Civil Engineering (C), $\frac{1}{2}$ time, two months from June 16, 1959, \$900; this is in addition to his Summer Session appointment (5-25-59).
- HALTIWANGER, JOHN D., Associate Professor of Civil Engineering (C), two months from June 16, 1959, \$1800; this is in addition to his present appointment (5-25-59).
- HATCH, GAYLORD F., Assistant in the History of Civilization (Division of General Studies), April 1-June 15, 1959, \$400 a month, supersedes (5-4-59).
- HAWKINS, RICHARD T., Research Associate in Chemistry, two months from June 16, 1959, \$900 (6-1-59).
- HENRY, JOHN A., Counselor in the Student Counseling Service, $\frac{1}{2}$ time, two months from June 16, 1959, \$978; this is in addition to his present appointment (5-6-59).
- HERBER, ROLFE H., Research Assistant Professor of Chemistry, two months from June 16, 1959, \$1378; this is in addition to his present appointment (5-25-59).
- HERR, FERENC, Assistant Professor of Pharmacology (Medicine), two months from July 1, 1959, \$800 a month; this is in addition to his present appointment (6-8-59).
- HERRICK, ROBERT L., Assistant in Sociology, Summer Session of 1959, June 15-August 8, 1959, \$800 for the period (5-27-59).
- HERRIN, MORELAND, Associate Professor of Civil Engineering (C), two months from June 16, 1959, \$1777.78; this is in addition to his present appointment (6-8-59).
- HERTZBERG, ALVIN, Visiting Lecturer in Education, June 15-July 10, 1959, \$700 (5-22-59).
- HILL, JEAN, Assistant to the Dean of Women, one month from August 1, 1959, \$400 (5-5-59).
- HILSDORF, HUBERT, Assistant in Theoretical and Applied Mechanics (C), one year from September 1, 1959, \$6600 (5-5-59).
- HOFFMANN, MRS. MARY A. G., Assistant Head Resident of Lincoln Avenue Residence (South), $\frac{1}{2}$ time, two months from May 1, 1959, \$400 (5-25-59).
- HORSFALL, WILLIAM R., Professor of Entomology, two months from June 16, 1959, \$988.88 a month; this is in addition to his present appointment (5-22-59).
- HOUGH, INGE, Instructor in Foreign Languages (Chicago Undergraduate Division), academic year beginning September 1, 1959, \$4600 (5-8-59).
- HUANG, EUGENE Y., Associate Professor of Civil Engineering (S), two months from June 16, 1959, \$1555.56; this is in addition to his present appointment (5-25-59).
- HUBBARD, JOHN, Research Associate in Physics (C), two months from September 1, 1959, \$750 a month (5-25-59).
- HULSIZER, ROBERT I., Professor of Physics (C), June 16-July 31, 1959, and September 1-15, 1959, \$1211.11 a month; this is in addition to his present appointment (5-25-59).
- HUNT, JOSEPH M., Professor of Psychology, two months from June 16, 1959, \$2888.88; this is in addition to his present appointment (5-25-59).
- INGLE, LESTER, Professor of Zoology, two months from June 16, 1959, \$1934; this is in addition to his present appointment (5-12-59).
- IRELAND, HERBERT O., Associate Professor of Civil Engineering (C), two months from June 16, 1959, \$1777.78; this is in addition to his present appointment (5-25-59).
- JACKSON, JOSEPH F., Professor of French, two months from June 16, 1959, \$800; this is in addition to his present appointment (5-26-59).
- JENSEN, HAROLD L., Clinical Instructor in Medicine (Medicine), May 6-August 31, 1959, without salary (5-21-59).
- JOHNSON, ELWIN L., Research Associate in Ceramic Engineering (S), June 16-August 31, 1959, \$600 a month (5-25-59).

- JOHNSON, HERMAN J., Assistant Professor of Physics (Chicago Undergraduate Division), Summer Session of 1959, June 22-August 14, 1959, \$1556 for the period (5-4-59).
- JOHNSON, K. E., Research Associate in Chemistry, eleven months from October 1, 1959, \$5500 a year (6-2-59).
- JOHNSON, WILLIAM H., Assistant Professor of Animal Science (S), two months from July 1, 1959, \$1400; this is in addition to his present appointment (6-8-59).
- KAISER, DALE E., Assistant in Education (University High School), two months from June 16, 1959, \$944.44 (5-6-59).
- KARPLUS, MARTIN, Research Assistant Professor of Chemistry, two months from July 16, 1959, \$1488.90; this is in addition to his present appointment (5-22-59).
- KELLY, JAMES C., Associate Professor of Speech (Summer Residential Center), Summer Session of 1959, June 15-August 8, 1959, \$1589 for the period (5-26-59).
- KESLER, CLYDE E., Professor of Theoretical and Applied Mechanics (C), $\frac{3}{4}$ time, two months from June 16, 1959, \$750 a month; this is in addition to his Summer Session appointment (6-1-59).
- KESTER, DOROTHY, Visiting Lecturer in Speech (University Theatre and Summer Youth Theatre), Summer Session of 1959, June 15-August 8, 1959, \$1500 for the period (5-8-59).
- KHACHATURIAN, NARBEY, Associate Professor of Civil Engineering (C), two months from June 16, 1959, \$1666.66; this is in addition to his present appointment (5-25-59).
- KOCH, C. W., Visiting Lecturer in Library Science, Summer Session of 1959, June 15-August 8, 1959, \$850 for the period (5-4-59).
- KOEHLER, JAMES S., Professor of Physics (C), two months from June 16, 1959, \$1244.44 a month; this is in addition to his present appointment (5-21-59).
- KONZO, SEICHI, Professor of Mechanical Engineering, $\frac{1}{2}$ time, two months from June 16, 1959, \$1277.78; this is in addition to his present appointment (6-8-59).
- LAITINEN, HERBERT A., Research Professor of Chemistry, $\frac{1}{2}$ time, one month from July 1, 1959, \$723; this is in addition to his present appointment (6-1-59).
- LANDIN, JOSEPH, Associate Professor of Mathematics, $\frac{1}{2}$ time, June 15-August 8, 1959, \$472.50 a month; this is in addition to his $\frac{1}{2}$ -time Summer Session appointment (5-16-59).
- LAVATELLI, LEO S., Associate Professor of Physics (C), two months from June 16, 1959, \$950 a month; this is in addition to his present appointment (5-25-59).
- LEDET, DAVID A., Assistant Professor of Music, Summer Session of 1959, June 15-August 8, 1959, full time, \$1245 for the period, supersedes previous Summer Session appointment (6-8-59).
- LEFORT, HENRY G., Research Associate in Ceramic Engineering (S), full time, three months from June 1, 1959, \$583.33 a month, supersedes (6-1-59).
- LEICHTNER, GENE H., Assistant Professor of Electrical Engineering, Summer Session of 1959, June 15-August 8, 1959, $\frac{1}{2}$ time, \$778 for the period, supersedes previous Summer Session appointment (5-27-59).
- LEWIS, OSCAR, Professor of Anthropology, two months from June 16, 1959, \$2133.34; this is in addition to his present appointment (5-22-59).
- LIEBERMAN, DAVID S., Associate Professor of Metallurgical Engineering (Mining and Metallurgical Engineering) (C), two months from June 16, 1959, \$1777.78; this is in addition to his present appointment (6-8-59).
- LIPKIN, HARRY J., Visiting Associate Professor of Physics (C), $\frac{1}{2}$ time, two months from June 16, 1959, \$500 a month (5-25-59).
- LOSCH, MRS. MARJORIE B., Assistant in Veterinary Pathology and Hygiene (College of Veterinary Medicine) and in Veterinary Research (Agricultural Experiment Station), June 6-August 31, 1959, \$366.67 a month, supersedes (6-8-59).
- LURIA, SALVADOR E., Professor of Bacteriology, two months from June 16, 1959, \$3022.22; this is in addition to his present appointment (5-25-59).
- LUX, DONALD G., Associate Professor of Industrial Education and Assistant to the Dean of the College of Education, June 8-August 8, 1959, \$2025 for the period (5-26-59).
- MACHINE, XENIA, Assistant Professor of Pharmacology (Medicine), two months from July 1, 1959, \$851 a month; this is in addition to her present appointment (6-8-59).

- MALMSTADT, HOWARD V., Research Associate Professor of Chemistry, June 16-30, 1959, and August 1-31, 1959, \$1383.35; this is in addition to his present appointment (5-22-59).
- MAPOTHER, DILLON E., Associate Professor of Physics (C), two months from June 16, 1959, \$988.89 a month; this is in addition to his present appointment (5-25-59).
- MARCEY, PETER J., Research Assistant in Physics, June 16-30, 1959, \$400 a month (6-1-59).
- MAROTTA, SABATH F., Instructor in Physiology (Medicine), without salary, and Research Associate in the Aeromedical and Physical Environment Laboratory, \$7000 a year, four months from May 1, 1959, supersedes (5-21-59).
- MARTIN, ROSS J., Professor of Mechanical Engineering (C), indefinite tenure, and Director of the Engineering Experiment Station for one year, from September 1, 1958, \$12,682; his services under this appointment are required only for the period September 1, 1958, through May 31, 1959; salary for this period is \$12,682, supersedes (6-8-59).
- MAURER, ROBERT J., Professor of Physics (C), two months from July 1, 1959, \$1466.67 a month; this is in addition to his present appointment (5-21-59).
- MCDONALD, VINCENT J., Associate Professor of Civil Engineering (C), two months from June 16, 1959, \$1600; this is in addition to his present appointment (5-25-59).
- McFERRIN, ROBERT D., Assistant in the Institute of Aviation, June 16-August 31, 1959, \$533.33 a month (5-25-59).
- McNAIR, LOUIS M., Assistant in the Institute of Aviation, June 16-August 31, 1959, \$475 a month (5-25-59).
- McVAY, MILLARD S., Research Associate Professor in the Control Systems Laboratory (S), two months from June 16, 1959, \$978 a month; this is in addition to his present appointment (5-26-59).
- McVITTIE, GEORGE C., Professor of Astronomy, one month from August 16, 1959, \$1611.11; this is in addition to his present appointment (6-1-59).
- MENDEL, CLIFFORD W., JR., Research Assistant in the Control Systems Laboratory (S), June 16-August 31, 1959, \$400 a month (5-26-59).
- MOLBO, JORIS M., Instructor in Nursing, three months from June 1, 1959, \$5370 a year, supersedes (5-21-59).
- MOORE, JUDITH J., Research Assistant in Civil Engineering (S), two months from June 16, 1959, \$800 (6-8-59).
- MOSBORG, ROBERT J., Associate Professor of Civil Engineering (C), two months from June 16, 1959, \$1666.66; this is in addition to his present appointment (5-25-59).
- MUNSE, WILLIAM H., Professor of Civil Engineering (C), $\frac{1}{2}$ time, two months from June 16, 1959, \$1222.22; this is in addition to his Summer Session appointment (5-25-59).
- MYERS, BASIL R., Assistant Professor of Electrical Engineering, Summer Session of 1959, June 15-August 8, 1959, $\frac{3}{4}$ time, \$1156 for the period, supersedes previous Summer Session appointment (5-27-59).
- NEWMARK, NATHAN M., Professor of Civil Engineering and Head of the Department (C), $\frac{3}{4}$ time, two months from June 16, 1959, \$1500 a month; this is in addition to his Summer Session appointment (5-21-59).
- NORDSIECK, ARNOLD T., Research Professor in the Control Systems Laboratory (S), $\frac{1}{2}$ time, two months from June 16, 1959, \$920 a month; this is in addition to his present appointment (5-25-59).
- NOTANI, G. W., Research Associate in Chemistry, three months from May 1, 1959, \$1342.50 (5-22-59).
- OHNO, MASAJI, Research Assistant in Chemistry, one year from June 1, 1959, \$4800 (5-22-59).
- OLSEN, BARBARA A., Assistant in Library Science, Summer Session of 1959, June 15-August 8, 1959, \$800 for the period, supersedes her previous appointment (5-6-59).
- OLSON, ROY E., Instructor in Civil Engineering, Summer Session of 1959, June 15-August 8, 1959, $\frac{1}{2}$ time, \$556 for the period, supersedes previous Summer Session appointment (5-27-59).
- PEEK, LEVIN J., JR., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1959, \$400 a month (5-4-59).

- PELEKODAS, LOIS, Research Assistant in the Institute of Government and Public Affairs, two months from June 16, 1959, \$400 a month (5-25-59).
- PERRINO, D. J., Visiting Lecturer in Music, Summer Session of 1959, June 15-July 18, 1959, \$653 for the period (6-8-59).
- PESEK, MARTIN G., Research Assistant in Orthodontics (Dentistry), four months from May 1, 1959, without salary (6-8-59).
- PETERS, MAX S., Professor of Chemical Engineering (S), two months from June 16, 1959, \$2333.34; this is in addition to his present appointment (6-8-59).
- PETERSON, DONALD R., Associate Professor of Psychology, two months from June 16, 1959, \$1688.88; this is in addition to his present appointment (5-25-59).
- PHILCOX, SADIE, Assistant in Occupational Therapy (Medicine), five months from September 1, 1959, without salary (6-8-59).
- PICKER, MARTIN, Instructor in Music, academic year beginning September 1, 1959, \$5550 (5-21-59).
- PUGH, ROBERT C., Counselor in the Student Counseling Service (Provost's Office), two months from July 1, 1959, \$1444.44; this is in addition to his present appointment (5-5-59).
- READ, THOMAS A., Professor of Metallurgical Engineering and Head of the Department of Mining and Metallurgical Engineering (C), two months from June 16, 1959, \$3333.34; this is in addition to his present appointment (6-8-59).
- REDDY, THOMAS B., Research Associate in Chemistry, eleven months from October 1, 1959, \$5500 a year (6-2-59).
- REYNOLDS, GEORGE, Visiting Lecturer in Music, Summer Session of 1959, June 15-July 18, 1959, \$1000 for the period (6-8-59).
- RHODES, LAURA E., Assistant Editor in the Engineering Experiment Station, one year from September 1, 1959, \$4500 (6-8-59).
- RICKETTS, BERNARD G., Professor of Metallurgical Engineering (Department of Mining and Metallurgical Engineering) (C), two months from June 16, 1959, \$1911.12; this is in addition to his present appointment (5-26-59).
- ROBERTSON, JAMES M., Professor of Theoretical and Applied Mechanics (C), June 16-30, 1959, and July 16-August 31, 1959, \$1166.67 a month; this is in addition to his present appointment (6-1-59).
- ROBINSON, PATRICIA A., Instructor in Home Economics (Child Development), Summer Session of 1959, June 15-August 8, 1959, \$1067 for the period (5-27-59).
- ROOSA, WILLIAM B., Visiting Lecturer in Anthropology, Summer Session of 1959, June 15-August 8, 1959, \$1200 for the period (6-8-59).
- RUSSELL, MORELL B., Professor of Agronomy on indefinite tenure, and Head of the Department for one year from September 1, 1958 (C, S, and E), \$13,377; his services under this appointment are required only for the period beginning September 1, 1958, through May 31, 1959; salary for this period is \$13,377, supersedes (6-8-59).
- RYAN, WILLIAM D., Assistant Editor with rank of Assistant, College of Veterinary Medicine, $\frac{1}{2}$ time, June 15-August 31, 1959, \$200 a month (6-8-59).
- SAKURAGI, TAKETAMI, Assistant Professor of Food Technology (S), four months from May 1, 1959, \$570.83 a month, supersedes (5-6-59).
- SCHLOSSER, ROBERT E., Assistant Professor of Accountancy, Summer Session of 1959, June 15-August 8, 1959, \$1600 for the period (5-27-59).
- SCHUBERT, JEWELL E., Assistant Professor of Mathematics, Summer Session of 1959, June 15-August 8, 1959, $\frac{1}{2}$ time, \$667 for the period, supersedes previous Summer Session appointment (6-8-59).
- SCHWARZLOSE, PAUL F., Associate Professor of Electrical Engineering (Ceramic Engineering) (S), two months from June 16, 1959, \$955.55 a month; this is in addition to his present appointment (5-5-59).
- SCOTT, WALTER A., Research Assistant in Civil Engineering (S), June 16-August 31, 1959, \$425 a month (6-8-59).
- SCRUGGS, WILLIAM, Research Assistant in Psychiatry (Medicine), May 17-August 31, 1959, \$400 a month (5-26-59).
- SEAMAN, RICHARD, Research Assistant in the Student Counseling Service (Provost's Office), two months from June 16, 1959, \$822 (5-21-59).
- SHOEMAKER, DONALD J., Assistant Professor of Psychology, two months from June 16, 1959, \$1422.22; this is in addition to his present appointment (5-25-59).
- SHUPP, FRANKLIN R., Instructor in Economics, academic year beginning September 1, 1959, \$7000 (5-25-59).

- SIDEBOTTOM, OMAR M., Professor of Theoretical and Applied Mechanics (C), 83/100 time, two months from June 16, 1959, \$774.66 a month; this is in addition to his Summer Session appointment (6-1-59).
- SISS, CHESTER P., Professor of Civil Engineering (C), $\frac{1}{2}$ time, June 16-30, 1959, and July 1-August 15, 1959, \$1222; and in the Summer Session of 1959, June 15-August 8, 1959, $\frac{1}{2}$ time, \$1223 for the period (5-28-59).
- SINCLAIR, GEORGE M., Professor of Theoretical and Applied Mechanics (C), June 16-July 15, 1959, and August 1-31, 1959, \$1055.56 a month; this is in addition to his present appointment (6-1-59).
- SINNAMON, GEORGE K., Associate Professor of Civil Engineering (C), two months from June 16, 1959, \$1666.66; this is in addition to his present appointment (5-25-59).
- SLICHTER, CHARLES P., Professor of Physics (C), two months from June 16, 1959, \$1300 a month; this is in addition to his present appointment (5-25-59).
- SMITH, CEDRIC M., Associate Professor of Pharmacology (Medicine), two months from July 1, 1959, \$1000 a month; this is in addition to his present appointment (6-8-59).
- SMITH, CLIFFORD W., Clinical Instructor in Medicine (Medicine), July 1, 1959-August 31, 1960, without salary (6-8-59).
- SMITH, JAMES O., Professor of Theoretical and Applied Mechanics (C), $\frac{3}{4}$ time, June 16-30, 1959, \$418.52 a month; this is in addition to his Summer Session appointment (6-1-59).
- SNYDER, HAROLD R., Research Professor of Chemistry, two months from June 16, 1959, \$2734; this is in addition to his present appointment (6-9-59).
- SOUTHARD, CHARLES W., Research Associate in Education, June 8-August 21, 1959, \$1800 (5-22-59).
- SPIEGELMAN, SOL, Professor of Bacteriology, two months from June 16, 1959, \$2800; this is in addition to his present appointment (6-1-59).
- STALLMEYER, JAMES E., Associate Professor of Civil Engineering (C), $\frac{1}{2}$ time, two months from June 16, 1959, \$855.56; this is in addition to his Summer Session appointment (5-25-59).
- STANLEY, ANN M., Visiting Lecturer in Music, Summer Session of 1959, June 15-August 8, 1959, \$267 for the period (5-27-59).
- STEINER, IVAN D., Associate Professor of Psychology, two months from June 16, 1959, \$1777.76; this is in addition to his present appointment (5-25-59).
- STEPHENS, RALPH I., Instructor in Theoretical and Applied Mechanics (C), academic year beginning September 1, 1959, \$5000 (5-5-59).
- STERNBURG, JAMES G., Assistant Professor of Entomology, two months from June 16, 1959, \$1577.76; this is in addition to his present appointment (5-25-59).
- STINER, BERNARD, Visiting Lecturer in Music, Summer Session of 1959, June 15-July 18, 1959, \$500 for the period; for the convenience of the University he will also be furnished board and room during the period (6-8-59).
- STIPPES, MARVIN C., Associate Professor of Theoretical and Applied Mechanics (C), two months from June 16, 1959, \$822.22 a month; this is in addition to his present appointment (6-1-59).
- STRATTON, JOHN, Research Assistant in Sociology and Anthropology, June 16-August 31, 1959, \$1000 (5-25-59).
- SWENSON, GEORGE W., JR., Professor of Astronomy, $\frac{1}{2}$ time, two months from June 16, 1959, \$548.89 a month; this is in addition to his present appointment (6-1-59).
- TAUBMAN, JOANNE H., Research Assistant in Preventive Medicine (Medicine), one year from July 1, 1959, \$4500 (5-22-59).
- TAYLOR, CHARLES E., Professor of Theoretical and Applied Mechanics (C), 83/100 time, two months from June 16, 1959, \$866.89 a month; this is in addition to his Summer Session appointment (6-1-59).
- THOMSON, ROBB M., Associate Professor of Physical Metallurgy (Mining and Metallurgical Engineering) (C), two months from June 16, 1959, \$1644.44; this is in addition to his present appointment (6-8-59).
- THORNBURN, THOMAS H., Professor of Civil Engineering (S), two months from June 16, 1959, \$1044.44 a month; this is in addition to his present appointment (5-25-59).
- TIHEN, J. A., Assistant Professor of Zoology, Summer Session of 1959, June 15-August 8, 1959, \$1289 for the period (5-8-59).

- TILBURY, GLEN, Visiting Lecturer in Chemistry, two months from June 16, 1959, \$1800 (5-25-59).
- TINKHAM, ROBERT A., Associate Professor of Education, Summer Session of 1959, June 15-August 8, 1959, \$1645 for the period, supersedes previous Summer Session appointment (5-26-59).
- TITUS, THOMAS R., Assistant in the Institute of Aviation, June 16-August 31, 1959, \$450 a month (5-25-59).
- TOUSTER, OSCAR, Visiting Lecturer in Chemistry, Summer Session of 1959, July 13-August 8, 1959, \$1223 for the period (6-8-59).
- TRIANDIS, HARRY C., Assistant Professor in the Institute of Labor and Industrial Relations, two months from June 16, 1959, \$733.33 a month; this is in addition to his present appointment (5-4-59).
- TRIGGER, KENNETH J., Professor of Mechanical Engineering (C), $\frac{7}{8}$ time, two months from June 16, 1959, \$2332; this is in addition to his present appointment (6-1-59).
- TURNER, BILLY G., Research Assistant in Civil Engineering (S), two months from June 16, 1959, \$850 (6-8-59).
- VAN VALKENBURG, MAC E., Professor of Electrical Engineering (C), two months from June 16, 1959, \$1333.33 a month; this is in addition to his present appointment (5-25-59).
- VAUGHAN, HERBERT E., Associate Professor of Mathematics (University High School), June 16-July 31, 1959, and September 1-15, 1959, \$2111.12; this is in addition to his present appointment (5-5-59).
- VICARI, GIUSEPPE, Research Associate in Chemistry, one year from January 1, 1960, \$5500 (5-5-59).
- VON FOERSTER, HEINZ, Professor of Electrical Engineering (C), two months from June 16, 1959, \$1244.44 a month; this is in addition to his present appointment (5-25-59).
- WACHSMAN, JOSEPH T., Assistant Professor of Bacteriology, two months from June 16, 1959, \$1377.78; this is in addition to his present appointment (5-4-59).
- WAGMAN, MORTON, Instructor in Psychology, Summer Session of 1959, $\frac{1}{2}$ time, and Counselor in the Student Counseling Service (Provost's Office), $\frac{1}{2}$ time, two months from June 16, 1959, \$6250 a year (5-6-59).
- WAITS, HAROLD P., Research Assistant in Chemistry, two months from June 16, 1959, \$800 (5-25-59).
- WALDBAUER, GILBERT P., Research Assistant in Entomology, two months from June 16, 1959, \$488.89 a month; this is in addition to his present appointment (5-25-59).
- WALDEN, JAMES D., Assistant in Education, Summer Session of 1959, June 15-August 8, 1959, \$1300 for the period (6-8-59).
- WALKER, EVELYN, Research Assistant Professor of Education, two months from June 16, 1959, \$1245; this is in addition to her present appointment (5-25-59).
- WARD, S. D., Visiting Lecturer in Music, Summer Session of 1959, June 21-July 4, 1959, \$600 for the period (6-8-59).
- WAX, NELSON, Research Professor in the Control Systems Laboratory (S), one month from June 16, 1959, \$1264; this is in addition to his present appointment (5-25-59).
- WAYMAN, CLARENCE M., Assistant Professor of Metallurgical Engineering (Mining and Metallurgical Engineering) (C), two months from June 16, 1959, \$1377.78; this is in addition to his present appointment (6-8-59).
- WEBB, HAROLD D., Professor of Electrical Engineering (C), two months from June 16, 1959, \$1000 a month; this is in addition to his present appointment (5-25-59).
- WELLS, MRS. CATHERINE N., Temporary Head Resident, Lincoln Avenue Residence (North), two months from July 1, 1959, \$400; for the convenience of the University she will also be furnished room and board while on duty valued at \$31 a month (5-8-59).
- WERT, CHARLES A., Professor of Physical Metallurgy (Mining and Metallurgical Engineering) (C), two months from June 16, 1959, \$2222.22; this is in addition to his present appointment (5-26-59).
- WEST, GEORGE C., Assistant in Education, July 13-August 8, 1959, \$700 (5-5-59).
- WESTWATER, JAMES W., Associate Professor of Chemical Engineering (S), two months from June 16, 1959, \$1866.67; this is in addition to his present appointment (6-8-59).

- WHEATLEY, JOHN C., Associate Professor of Physics (C), two months from June 16, 1959, \$888.89 a month; this is in addition to his present appointment (5-21-59).
- WHEATLEY, R. C., JR., Visiting Lecturer in Physics, Summer Session of 1959, June 15-August 8, 1959, \$1300 for the period (5-26-59).
- WILCOX, DAVID L., Research Assistant in Ceramic Engineering (S), three months from June 1, 1959, \$440 a month, supersedes (5-8-59).
- WILHELM, H. G. H., Assistant in Geography, Summer Session of 1959, June 18-August 8, 1959, \$800 for the period (6-8-59).
- WILSON, GEORGE J., Instructor in the Institute of Aviation, June 16-August 31, 1959, \$7250 a year (5-8-59).
- WINEFORDNER, JAMES D., Research Associate in Chemistry, two months from June 16, 1959, \$1000 (5-22-59).
- WYATT, STANLEY P., Associate Professor of Education, June 15-July 10, 1959, \$850 (5-5-59); Associate Professor of Electrical Engineering, one month from July 16, 1959, \$850 (5-26-59); this is in addition to his present appointment.
- YANKWICH, PETER E., Research Professor of Chemistry, two months from June 16, 1959, \$2022.23; this is in addition to his present appointment (5-25-59).
- ZARING, WILSON M., Assistant Professor of Mathematics, $\frac{1}{2}$ time, June 15-August 8, 1959, \$333.50 a month; this is in addition to his $\frac{1}{2}$ -time Summer Session appointment (5-15-59).
- ZIMMERMAN, MRS. MARIE, Counselor in the Student Counseling Service (Provost's Office), $\frac{1}{2}$ time, two months from July 1, 1959, \$411 (5-6-59).
- ZIMMERMAN, PHILIP D., Research Assistant in Ceramic Engineering (S), June 16-August 31, 1959, \$433.33 a month (5-21-59).

GRADUATE FELLOWS

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

- ADCOCK, WILLIAM E., National Science Foundation Summer Fellow, eight weeks from June 16, 1959, \$600 (6-2-59).
- ARNOLD, CORDELIA, Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, \$600 (5-8-59).
- BASS, NOEL, Lederle Laboratories Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, \$600 (5-13-59).
- BENTRUDE, WESLEY G., National Science Foundation Cooperative Fellow, one year from June 16, 1959, \$2200 (6-2-59).
- BERMAN, MARVIN, United States Public Health Service Fellow (Trainee) in Dentistry, July 1-September 15, 1959, \$600 (5-4-59).
- BEULIGMANN, RAYMOND F., National Science Foundation Summer Fellow, eight weeks from June 16, 1959, \$600 (6-2-59).
- BICKFORD, MARION E., JR., Shell Oil Company Fellow in Geology, nine months from September 16, 1959, \$2100, supersedes (5-22-59).
- BISHOP, CARL T., University Fellow in Chemistry, September 16, 1959-January 31, 1960, \$750 (5-21-59).
- BLY, ROBERT M., National Science Foundation Summer Fellow, eight weeks from June 16, 1959, \$600 (6-2-59).
- BOICE, LUBELLE, Fellow in Bacteriology, nine months from September 16, 1959, \$1500 (5-4-59).
- BOLLERO, ANGELO J., National Science Foundation Summer Fellow, eight weeks from June 16, 1959, \$600 (6-2-59).
- BORDERS, DONALD B., National Science Foundation Summer Fellow, twelve weeks from June 16, 1959, \$900 (6-2-59).
- BRINK, ALLEN L., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, \$780 (5-8-59).
- BUNCE, DONALD F. M., II, United States Public Health Service Fellow (Trainee) in Anatomy, in the Chicago Professional Colleges, five months from April 1, 1959, \$3200 a year (6-5-59).
- CARRIGAN, RICHARD A., Esso Research and Engineering Company Fellow in Physics, nine months from September 16, 1959, \$2400 (5-27-59).
- CARTER, CAROL A., Zeta Phi Eta Fellow in Speech, nine months from September 16, 1959, \$1500 (5-4-59).

- CHIU, JEN, Standard Oil Company (of Indiana) Fellow in Chemistry, nine months from September 16, 1959, \$2000 (5-25-59).
- CHO, KANG OK, Samuel Higby Camp Foundation Fellow in the Chicago Professional Colleges, one year from July 1, 1959, \$145 a month (5-21-59).
- COOK, GLENN M., National Science Foundation Summer Fellow, June 16-August 11, 1959, \$675 (6-2-59).
- COWLING, KEITH G., George A. Miller Fellow in Agricultural Economics, nine months from September 16, 1959, \$2000, supersedes (5-22-59).
- DETERDING, KARL, National Science Foundation Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, \$500 (5-13-59).
- DEVNEY, MRS. RUTH O., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, \$660 (5-8-59).
- DE VRIES, DONALD L., National Science Foundation Summer Fellow, eight weeks from June 16, 1959, \$600 (6-2-59).
- DICKERHOOF, DEAN W., National Science Foundation Summer Fellow, eight weeks from June 16, 1959, \$600 (6-2-59).
- DIJKERMAN, JOOST C., University Fellow in Agronomy, nine months from September 16, 1959, \$1500 (5-27-59).
- DORSETT, JOSEPH L., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, \$780 (5-8-59).
- DOSHI, MADHUKANT, University Summer Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, \$500 (5-13-59).
- DROEGEMEIER, FRANCIS G., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, \$780 (5-8-59).
- DUENSER, WERNER, Postdoctoral Fellow in Accountancy, one year from September 1, 1959, \$3600 (5-4-59).
- DYBVIG, DOUGLAS H., National Science Foundation Cooperative Fellow, one year from June 16, 1959, \$2200 (6-2-59).
- ECKER, EDWIN D., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, \$720 (5-8-59).
- EIBECK, RICHARD E., Olin Mathieson Corporation Summer Fellow in Chemistry, two months from June 15, 1959, \$350 (5-18-59); Universal Match Corporation Fellow in Chemistry, nine months from September 16, 1959, \$1800 (5-4-59).
- ERNEST, JOHN A., National Science Foundation Cooperative Fellow, one year from June 16, 1959, \$2200 (6-2-59).
- ESRIG, MELVIN I., National Science Foundation Cooperative Fellow, one year from June 16, 1959, \$2200 (6-2-59).
- FARRELL, ROGER H., National Science Foundation Summer Fellow, eight weeks from June 16, 1959, \$600 (6-2-59).
- FAVATA, JAMES, National Science Foundation Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, \$500 (5-13-59).
- FELDMAN, ROSS, National Science Foundation Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, \$500 (5-13-59).
- FELDMAN, VICTOR, University Summer Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, \$500 (5-13-59).
- GOERING, REUBEN J., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, \$840 (5-8-59).
- GRAHAM, ALLAN, National Science Foundation Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, \$500 (5-13-59).
- GREEK, RONALD B., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, \$720 (5-8-59).
- GREENE, DARYLE E., National Science Foundation Summer Fellow, eight weeks from June 16, 1959, \$600 (6-2-59).
- GROSSMAN, JAMES, National Science Foundation Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, \$500 (5-13-59).
- GROVES, WILLIAM E., National Science Foundation Summer Fellow, twelve weeks from June 16, 1959, \$900 (6-2-59).
- GUBER, ALBERT L., National Science Foundation Summer Fellow, twelve weeks from June 16, 1959, \$900 (6-2-59).
- GWYNN, DONALD E., National Science Foundation Summer Fellow, twelve weeks from June 16, 1959, \$900 (6-2-59).
- HALL, JOHN S., National Science Foundation Summer Fellow, eight weeks from June 16, 1959, \$600 (6-2-59).

- HARNER, ROBERT, Lederle Laboratories Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, \$600 (5-13-59).
- HERR, KENNETH D., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, \$660 (5-8-59).
- HOLT, JAMES A., National Science Foundation Summer Fellow, eight weeks from June 16, 1959, \$600 (6-2-59).
- HONIG, GEORGE, University Summer Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, \$500 (5-13-59).
- JACOBSON, ALBERT S., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, \$660 (5-8-59).
- JEWELL, WILLIAM, National Science Foundation Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, \$500 (5-13-59).
- JONES, ROGER S., National Science Foundation Summer Fellow, June 16-August 18, 1959, \$750 (6-2-59).
- KANE, HARRISON, National Science Foundation Cooperative Fellow, one year from June 16, 1959, \$2200 (6-2-59).
- KAPLAN, MARVIN, Tobacco Industry Research Committee Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, \$500 (5-13-59).
- KHETTRY, ARUN, Parke, Davis Fellow in Chemistry, June 16-January 31, 1960, \$1650 (6-9-59).
- KUMARICH, DAN, United States Public Health Service Fellow (Trainee) in Dentistry, July 1-September 15, 1959, \$600 (5-4-59).
- LARSEN, REYNOLD, University Summer Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, \$500 (5-13-59).
- LARSON, CARL S., National Science Foundation Summer Fellow, eight weeks from June 16, 1959, \$600 (6-2-59).
- LAUCK, DAVID R., National Science Foundation Summer Fellow, twelve weeks from June 16, 1959, \$900 (6-2-59).
- LIBNOCH, JOSEPH, United States Public Health Service Fellow (Trainee) in the Chicago Professional Colleges, one year from July 1, 1959, \$4500 (6-1-59).
- LINDBLAD, WILLIAM E., University Fellow in English, one year from August 16, 1959, \$2700 (5-15-59).
- LIPSEY, ALLEN, National Science Foundation Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, \$500 (5-13-59).
- LONG, CLIFFORD A., National Science Foundation Summer Fellow, June 16-August 18, 1959, \$750 (6-2-59).
- LOUGHNAN, FREDERICK C., Postdoctoral Fellow in Geology, one year from September 1, 1959, \$3600 (5-4-59).
- LU, WEI-JUNE, Wright Fellow in Horticulture, nine months from September 16, 1959, \$1500 (4-30-59).
- LYNCH, CHARLES T., National Science Foundation Summer Fellow, eight weeks from June 16, 1959, \$600 (6-2-59).
- MAILMAN, DAVID, University Summer Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, \$500 (5-13-59).
- MARSHALL, WILLIAM E., JR., Hackett Fellow in Food Technology, nine months from September 16, 1959, \$1500 (4-30-59).
- MARTIN, BRUCE, University Summer Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, \$500 (5-13-59).
- MATHEWS, WESLEY N., JR., National Science Foundation Summer Fellow, eight weeks from June 16, 1959, \$600 (6-2-59).
- MCCAULLY, RONALD J., National Science Foundation Summer Fellow, eight weeks from June 16, 1959, \$600 (6-2-59).
- MEYERS, BERNARD L., National Science Foundation Summer Fellow, twelve weeks from June 16, 1959, \$900 (6-2-59).
- MOCKENHAUPT, JEROME D., Trane Company Fellow in Mechanical Engineering, nine months from September 16, 1959, \$1400 (5-22-59).
- MORAN, DANIEL A., National Science Foundation Summer Fellow, eight weeks from June 16, 1959, \$600 (6-2-59).
- MORRIS, CHARLES E., JR., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, \$660 (5-8-59).
- MORRIS, TREVOR R., Postdoctoral Fellow in Animal Science, one year from September 1, 1959, \$3600 (5-4-59).
- MUELLER, JOSEPH E., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, \$780 (5-8-59).

- MUHL, ZANC, United States Public Health Service Fellow (Trainee) in Dentistry, July 1-September 15, 1959, \$600 (5-4-59).
- MURPHY, MRS. BOBBIE C., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, \$660 (5-8-59).
- NARUOKA, MASAO, Postdoctoral Fellow in Civil Engineering, one year from September 1, 1959, \$3600 (5-4-59).
- NEALE, ROBERT S., National Science Foundation Summer Fellow, eight weeks from June 16, 1959, \$600 (6-2-59).
- NEUHOUSER, DAVID L., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, \$780 (5-8-59).
- NEUMAN, DUANE F., Hackett Fellow in Agricultural Economics, nine months from September 16, 1959, \$1500 (5-6-59).
- NORTRUP, JACK J., Kendric C. Babcock Fellow in History, nine months from September 16, 1959, \$1800 (6-4-59).
- ONANIAN, EDWARD D., George A. Miller Fellow in Economics, nine months from September 16, 1959, \$2000, supersedes (5-22-59).
- PARDUE, HARRY L., National Science Foundation Cooperative Fellow, one year from June 16, 1959, \$2200 (6-2-59).
- PEARSON, ROBERT L., American Cyanamid Company Fellow in Chemistry, nine months from September 16, 1959, \$1800 (4-30-59).
- PETERS, JOSEPH A., National Science Foundation Summer Fellow, eight weeks from June 16, 1959, \$600 (6-2-59).
- PUGLIA, CHARLES R., National Science Foundation Summer Fellow, eight weeks from June 16, 1959, \$600 (6-2-59).
- RAFF, LIONEL M., National Science Foundation Cooperative Fellow, one year from June 16, 1959, \$2200 (6-2-59).
- REHAK, JAMES, United States Public Health Service Fellow (Trainee) in Dentistry, July 1-September 15, 1959, \$600 (5-4-59).
- RETZER, KENNETH A., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, \$840 (5-8-59).
- RITTER, MAURICE, United States Public Health Service Fellow (Trainee) in Dentistry, July 1-September 15, 1959, \$600 (5-4-59).
- ROWE, JAMES E., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, \$840 (5-8-59).
- SALANS, LESTER, National Science Foundation Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, \$500 (5-13-59).
- SCHLETER, EVERETT S., National Science Foundation Summer Fellow, eight weeks from June 16, 1959, \$600 (6-2-59).
- SISTER M. RAYMOND CAPUA HARTY, Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, \$600 (5-8-59).
- SODERMAN, JARMO G. W., California Company Fellow in Geology, nine months from September 16, 1959, \$1500 (5-25-59).
- SOMERS, BRUCE G., National Science Foundation Summer Fellow, eight weeks from June 16, 1959, \$600 (6-2-59).
- SOYKA, LESTER, University Summer Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, \$500 (5-13-59).
- STEWART, ANN, University Summer Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, \$500 supersedes (5-13-59).
- STRICKLAND, CALVIN, Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, \$840 (5-8-59).
- SUMMER, HARRY H., Illinois Consumer Finance Association Fellow, nine months from September 16, 1959, \$1500 (6-3-59).
- TEMPERLEY, NICHOLAS M., Postdoctoral Fellow in Music, one year from September 1, 1959, \$3600 (5-4-59).
- TENER, MARY E., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, \$600 (5-8-59).
- TREGILLUS, PEGGY R., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, \$600 (5-8-59).
- TVETEN, JOHN L., Minnesota Mining and Manufacturing Company Fellow in Chemistry, nine months from June 16, 1959, \$1500, supersedes (5-22-59).
- UEDA, TATEO, Postdoctoral Fellow in Geology, two months from June 16, 1959, \$300 a month (6-9-59).
- VANDERBECK, GLORIA M., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, \$600 (5-8-59).

- WASSMER, ELIZABETH, University Summer Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, \$500 (5-13-59).
WEAVER, JAY D., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, \$720 (5-8-59).
WEBB, DAVID K., JR., National Science Foundation Summer Fellow, eight weeks from June 16, 1959, \$600 (6-2-59).
WEINSWIG, HAROLD, University Summer Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, \$500 (5-13-59).
WETHERBEE, WILLIAM B., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, \$720 (5-8-59).
WILDING, LAWRENCE P., Campbell Soup Company Fellow in Plant Sciences, nine months from September 16, 1959, \$2400, supersedes (5-19-59).
WITTEN, VERNIE E., JR., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, \$780 (5-8-59).
WOODFIN, BEULAH M., National Science Foundation Cooperative Fellow, one year from June 16, 1959, \$2200 (6-2-59).
YOUNGQUIST, GORDON R., National Science Foundation Summer Fellow, eight weeks from June 16, 1959, \$600 (6-2-59).
ZACEK, JOSEPH F., Summer Fellow in History, two months from June 16, 1959, \$250 (5-6-59).
ZACOVITCH, ROBERT, United States Public Health Service Fellow (Trainee) in Dentistry, July 1-September 15, 1959, \$600 (5-4-59).

RESIGNATIONS AND DECLINATIONS

- ADRIAN, ROBERT J., Ford Postdoctoral Fellow in the Institute for Research on Exceptional Children—resignation effective September 1, 1959.
BAILEY, JANET H., George A. Miller Fellow in Psychology—declination effective September 16, 1959.
BUCHANAN, GAIL K., Fellow in Music—resignation effective September 16, 1959.
BURNSTOCK, MRS. NOMI, Research Assistant in Animal Science—resignation effective May 23, 1959.
CHAMBERLIN, WALTER J., Assistant Professor of Business English, Summer Session of 1959—declination effective June 15, 1959.
CHASE, SAMUEL B., III, Instructor in Economics—resignation effective September 1, 1959.
CONLEY, HAROLD, Hospital Pharmacy Resident (Pharmacy)—resignation effective June 1, 1959.
CUBERT, MRS. CATHERINE L., Associate Professor of Audiology (Medicine)—resignation effective September 1, 1959.
DAVIS, GERALD D., Instructor in Mechanical Engineering—resignation effective September 1, 1959.
DE COURCY, KIMBERLY J. H., Instructor in Mechanical Engineering—resignation effective September 1, 1959.
DUBERG, JOHN E., Professor of Civil Engineering—resignation effective September 1, 1959.
EVERETT, HENRY C., III, Assistant Professor of Hygiene, Medical Adviser and Special Duty Physician in the Health Service—resignation effective August 1, 1959.
GOULDNER, ALVIN W., Professor of Sociology—resignation effective September 1, 1959.
INGLE, LESTER, Professor of Zoology, Summer Session of 1959—declination effective June 15, 1959.
JACKSON, WILLIAM V., Associate Professor of Library Science, Summer Session of 1959—declination effective June 15, 1959.
KAHARA, YASUTO, Catalog Assistant in the Library—resignation effective September 1, 1959.
KOKALIS, SOTER G., Fellow in Chemistry—declination effective June 16, 1959.
LUX, DONALD G., Associate Professor of Industrial Education, Summer Session of 1959—declination effective June 15, 1959.
LYON, BRYCE D., Associate Professor of History—resignation effective September 1, 1959.
MACKOWIAK, RICHARD J., Registered Pharmacist in Hospital Pharmacy (Pharmacy)—resignation effective May 15, 1959.

- McLANE, WILLIAM L., Associate Professor of Hygiene, Medical Adviser and Special Duty Physician in the Health Service—resignation effective September 1, 1959.
- MORAN, DANIEL A., Assistant in Mathematics, Summer Session of 1959—declination effective June 15, 1959.
- NEMCIK, ROBERT L., Assistant Extension Editor in Agricultural Economics with rank of Instructor—resignation effective July 1, 1959.
- OPPERMANN, MRS. LOIS F., Research Assistant in Chemistry—resignation effective April 18, 1959.
- PALISCA, CLAUDE V., Assistant Professor of Music—resignation effective September 1, 1959.
- PECK, R. B., Professor of Foundation Engineering, Summer Session of 1959—declination effective June 15, 1959.
- RAPS, SHIRLEY, Fellow in Bacteriology—resignation effective September 16, 1959.
- ROSMAN, MRS. LIVIA R., Instructor in Foreign Languages (Chicago Undergraduate Division)—resignation effective September 1, 1959.
- ROWLAND, WALTER F., Instructor in Civil Engineering—resignation effective September 1, 1959.
- SHANNON, ROBERT D., Research Associate in Ceramic Engineering—resignation effective May 15, 1959.
- SHERMAN, EDWARD O., JR., Fellow in Chemistry—declination effective June 16, 1959.
- SOULE, DONALD M., Assistant Professor of Economics—resignation effective September 1, 1959.
- STEMPAK, JEROME, United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges)—resignation effective June 1, 1959.
- SUTTLES, GERALD D., Fellow in Sociology—declination effective September 16, 1959.
- TIPTON, CARL L., Procter and Gamble Company Fellow in Chemistry—resignation effective September 16, 1959.
- TRUMP, J. LLOYD, Professor of Education and Head of Teacher Placement on the University Council on Teacher Education—resignation effective January 1, 1960.
- TURQUETTE, MRS. MAXINE H. KENNEDY, Editor, with rank of Associate Professor, in the Small Homes Council—resignation effective June 15, 1959.
- WEINBERG, MRS. GRACE, Research Assistant in Dairy Science—resignation effective June 22, 1959.
- WINTER, EDWARD H., Associate Professor of Anthropology—resignation effective September 1, 1959.
- ZUMWALT, GLEN W., Research Associate in Mechanical Engineering—resignation effective September 1, 1959.

LEAVES OF ABSENCE

- ATTEBERY, MRS. KATHERINE, Assistant Head Resident of Lincoln Avenue Residence (South)—leave of absence, without pay, beginning May 1, 1959, and continuing until further notice, because of illness.
- BUTWELL, RICHARD L., Assistant Professor of Political Science—leave of absence, without pay, for the academic year 1959-60, in order that he may accept a Fulbright grant in Burma to do research work in the field of his particular interest.
- CASSELL, ROBERT L. S., Instructor in English (Chicago Undergraduate Division)—leave of absence, without pay, beginning May 13 and continuing through August 31, 1959, on account of ill health.
- GRUBB, MAXINE, Serials Reviser, with rank of Instructor, in the Library—leave of absence, with full pay, for the period April 9 to August 31, 1959, on account of illness.
- JARNAGIN, ROBERT A., Assistant Extension Editor and Assistant Professor of Agricultural Extension, in the Extension Service in Agriculture and Home Economics—leave of absence, without pay, for one year beginning September 1, 1959, so that he may do graduate work at Michigan State University.

- KAISER, HENRY F., Assistant Professor of Education, in the Bureau of Educational Research—leave of absence to be changed from a six-week leave (June 15 to August 1) to a three-week leave (August 1-21), without pay.
- KEMMERER, DONALD L., Professor of Economics—leave of absence, without pay, for the second semester of 1959-60, so that he may accept a Fulbright lectureship to go on the staff of the University in Montpelier, France.
- KUYPERS, JOHN M., Professor of Music—extension of his leave of absence, without pay, for two years beginning September 1, 1959.
- MACLAY, HOWARD S., Assistant Professor of Communications—leave of absence, without pay, beginning July 15 and continuing through August 31, 1959.
- MOORE, ASBURY C., JR., Assistant to the Dean of the College of Physical Education and Instructor in Physical Education for Men—leave of absence, without pay, for one month beginning July 1, 1959, so that he may do historical research on a study of the origin of sports.
- NELSON, WILLARD O., Professor of Bacteriology, in the Department of Dairy Science (C and S)—leave of absence, without pay, beginning August 1, 1959, and continuing through June 30, 1960, so that he may accept a proposed temporary appointment as Assistant Director of Development and Special Assistant to the Scientific Director of the Biological Warfare Laboratories, United States Army Chemical Corps Research and Development Command, at Fort Detrick, Frederick, Maryland.
- ODELL, RUSSELL T., Professor of Soil Physics, in the Department of Agronomy (C and S)—sabbatical leave of absence granted him for 1959-60 has been changed to leave for one-half year on full pay, beginning September 1, 1959.
- PUGH, ROBERT C., Assistant Professor of History, in the Division of General Studies—leave of absence on account of illness, with full pay, from April 1, 1959, through June 14, 1959, or as much of that period as may be necessary.
- SEITZ, FREDERICK, Professor of Physics and Head of the Department—leave of absence, without pay, one year beginning September 1, 1959, so that he may serve as Scientific Adviser to the North Atlantic Treaty Organization.
- WATTENBERG, ALBERT, Research Professor of Physics—leave of absence, without pay, for one month beginning August 1, 1959.
- WEEKS, WALTER L., Associate Professor of Electrical Engineering—leave of absence, without pay, for the academic year 1959-60, so that he may take a position in another part of the country where the climate will be conducive to improvement in his health.

CANCELLATIONS OF LEAVES OF ABSENCE

- GARDNER, KARL E., Professor of Nutrition, in the Department of Dairy Science, and Associate Dean of the College of Agriculture—cancellation of sabbatical leave of absence granted him for six months beginning March 1, 1960.
- LURIA, SALVADOR E., Professor of Bacteriology—cancellation of sabbatical leave of absence for the second semester of 1958-59 and changed to leave of absence without pay for the period March 1 to August 31, 1959.

ADDRESS BY DEAN GRANVILLE A. BENNETT

President Henry introduced Dean Granville A. Bennett of the College of Medicine who addressed the Board on the subject of the two-year pilot program of educational research by the College, for which the University received a grant of \$112,000 from the Commonwealth Fund.

On motion of Mr. Herrick, 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

July 21, 1959



The July meeting of the Board of Trustees of the University of Illinois was held in the Illini Union Building, Urbana, Illinois, on Tuesday, July 21, 1959, beginning at 10:00 a.m.

The following members of the Board were present: Mr. Howard W. Clement, 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. Richard A. Harewood and Governor William G. Stratton were absent.

Also present were President David D. Henry, Vice-President and Provost Gordon N. Ray, Dr. H. E. Longenecker, Vice-President in charge of the Chicago Professional Colleges, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Professor Norman A. Parker, Chairman of the University Building Program Committee, Professor H. O. Halvorson, Director of the School of Life Sciences, Dean W. L. Everitt of the College of Engineering, Mr. Ralph F. Lesemann, Legal Counsel, Mr. C. E. Flynn, Director of Public Information, Mr. Joseph S. Begando, Assistant to the President, Mr. William H. Rice, Administrative Assistant in the President's Office, Mr. Vernon L. Kretschmer, Director of Housing and of the Illini Union, Mr. Morris S. Kessler, Assistant Comptroller; and the officers of the Board, Mr. C. W. Weldon, Treasurer, 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 March 12 and April 14, 1959, press proof copies of which had previously been sent to the Board.

On motion of Mr. Johnston, these minutes were approved as printed on pages 339 to 401, 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.

INTERNAL OPERATING BUDGET FOR 1959-60

(1) The University's internal operating budget for all divisions and funds for the fiscal year beginning July 1, 1959, for academic and administrative appointments beginning September 1, 1959, and for nonacademic personnel appointments beginning July 1, 1959, 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, 1959, 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 Nonacademic 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, provided that assignments for new projects or programs and for nonrecurring expenditures in excess of \$2,500 shall be presented to the Board for prior approval.

Copies of the detailed, line-item, budget, together with a condensed analysis and summaries, have previously been sent to all members of the Board of Trustees for their study in advance of the meeting. Copies of the condensed analysis and summaries and supporting schedules have been filed with the Secretary of the Board for record.

Mr. Swain reported that the Finance Committee at a meeting held on July 20, 1959, at which all members of the Committee and also Trustees Clement, Herrick, Hughes, Pogue, Wilkins, and Williamson were present, had studied the budget in detail in consultation with the President of the University, the Vice-President and Provost, the Vice-President and Comptroller, the Vice-President in charge of the Chicago Professional Colleges, and the Executive Dean of the Chicago Undergraduate Division, and other University officers. Mr. Swain added that at the conclusion of the meeting, the Committee voted to recommend approval of the budget as submitted to the Board.

Following a further review of the budget by the President and the Vice-President and Provost, on motion of Mr. Swain, the budget was adopted, and the President of the University was authorized to take actions specified in his presentation, and the necessary appropriations were made as recommended.

This action was taken by the following vote: Aye, Mr. Clement, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Stratton.

The detailed budget appears as an appendix to these minutes on page 603.

INTERNAL BUDGET OF THE ATHLETIC ASSOCIATION FOR 1959-60

(2) The Director of Intercollegiate Athletics submits, on behalf of the Board of Directors of the Athletic Association, the budget for the Association for 1959-60 which is summarized as follows with comparative figures for the preceding year:

	1958-59	1959-60
Income.....	\$1 125 250	\$1 179 200
Appropriations.....	1 121 679	1 177 065
Excess of income over appropriations.....	\$ 3 571	\$ 2 135

The budget has been examined and approved by the Vice-President and Provost and the Vice-President and Comptroller. A copy has been filed with the Secretary of the Board for record.

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. Herrick, this budget was approved.

**APPROPRIATIONS FOR BUILDING AND OTHER
PERMANENT IMPROVEMENTS**

(3) The Seventy-first General Assembly of Illinois has appropriated (Senate Bill 858) to the University of Illinois funds for the biennium of 1959-61 for the following buildings and permanent improvements:

For Permanent Improvements at Urbana-Champaign:

For construction of extensions to the general University utilities distribution systems, including plans and specifications, and all other necessary costs and charges incident to the completion of the work..	\$2 135 000
For additions to the Power and Heating Plant, with fixed equipment installed, including plans and specifications and all other necessary costs and charges incident to the completion of the work.....	3 665 000
For construction, together with funds received from private gifts, of a Labor and Industrial Relations Building with fixed equipment installed, including plans and specifications, extension of utilities to the building, and all other necessary costs and charges incident to the completion of the work.....	330 000
For the University's share of public improvement projects initiated by municipal corporations and any other costs and charges incurred by the University in connection with such projects.....	425 000
For completion of the first unit of the Physics Building, with fixed equipment installed, including plans and specifications, and all other necessary costs and charges incident to the completion of the work..	220 000
For completion of the first unit of the Art and Architecture Building with fixed equipment installed, including plans and specifications, and all other necessary costs and charges incident to the completion of the work.....	115 000

For Permanent Improvements at Urbana-Champaign and Chicago:

For health research facilities, for which matching funds are received from the federal government, with fixed equipment installed, including plans and specifications, extension of utilities to the buildings, and all other necessary costs and charges incident to the completion of the work.....	800 000
For rehabilitation and remodeling of and minor additions to existing buildings, with fixed equipment installed, including plans and specifications, with all other necessary costs and charges incident to the completion of the work.....	1 775 000
For plans, specifications, and preliminary studies for permanent improvements planned for construction during 1961-63.....	500 000
For land at Urbana-Champaign.....	450 000
For land in Cook County for the establishment of a permanent undergraduate division	925 000

For permanent improvements at an undergraduate division in Cook County, including site development, utilities, and plans and specifications for future buildings.....	\$1 575 000
For equipment at Urbana-Champaign and Chicago.....	575 000
For contingencies to cover expenditures for purposes for which the amount specified in any of the above items enumerated is, or becomes, insufficient	700 000

The sum of \$1,940,362 or so much thereof as may be necessary and as remains unexpended at the close of business on June 30, 1959, from an appropriation made for such purposes by "An Act making certain appropriations and reappropriations to The Board of Trustees of the University of Illinois" approved June 13, 1957, is reappropriated to the Board of Trustees of the University of Illinois from the General Revenue Fund, for the purposes and in the amounts set forth as follows:

For construction of an Art and Architecture Building, with fixed equipment installed, including plans and specifications, extension of utilities to the building, and all other necessary costs and charges incident to the completion of the work.....	\$700 000
For an addition to the Power and Heating Plant, with fixed equipment installed, including plans and specifications, extension of utilities to the building, and all other necessary costs and charges incident to the completion of the work.....	130 000
For construction of extensions to the general University utilities distribution systems, including plans and specifications and all other necessary costs and charges incident to the completion of the work.....	150 000
For land—acquisition of land for the establishment of a permanent division of the University of Illinois in Cook County.....	575 000
For Building and Site Studies, plans and specifications for a division of the University of Illinois in Cook County.....	230 000
For construction of an addition to the present hospital in Chicago....	155 362

I recommend that these funds be appropriated by the Board of Trustees for the purposes specified. However, the appropriation Act provides that no contract shall be entered into or obligation incurred for any expenditure from any appropriation made until after the purpose and amount of such expenditure has been approved in writing by the Governor. He has announced that all General Revenue appropriations subject to release by the Governor are frozen until further notice, this to remain in effect at least until January 1, 1960. This includes new money appropriations for capital projects and for all other purposes which have heretofore required release prior to commitment.

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

The President also presented a statement on the Governor's recent official notice that no funds from capital expenditures will be released prior to 1959-60, and then only if the state's revenue situation is favorable. A copy of the President's statement was filed with the Secretary of the Board for record.

APPOINTMENT OF DIRECTOR OF DIVISION OF SERVICES FOR CRIPPLED CHILDREN

(4) The Board of Trustees on February 19, 1959, confirmed the appointment of Dr. Edward F. Lis, Associate Professor of Pediatrics in the College of Medicine, as Acting Director of the Division of Services for Crippled Children effective February 1, 1959, to fill the vacancy created by the death of the late Dr. Herbert R. Kobes.

Dr. Lis has given effective leadership to the Division. Consideration has been given to recruiting other individuals for the post of Director but he has demonstrated that he is the ablest individual whom the University could secure to provide continuing effective direction to the Division.

Accordingly, the Vice-President in charge of the Chicago Professional Colleges recommends the appointment of Dr. Lis as Director of the Division of Services for Crippled Children, and Director of the Center for Handicapped Children in the Research and Educational Hospitals, effective August 1, 1959, and continuing until August 31, 1961, at an annual salary of \$17,000 on full time and on a twelve-month per year service basis. This recommendation is supported by the Dean of the College of Medicine, the Medical Director of the Research and Educational Hospitals, the Head of the Department of Pediatrics, the supervisory professional staff of the Division of Services for Crippled Children, and is concurred in by the Vice-President and Provost and the Dean of the Graduate College.

Dr. Lis will also continue to hold his position as Associate Professor of Pediatrics in the College of Medicine on indefinite tenure.

I recommend approval.

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

HEADSHIP OF DEPARTMENT OF MANAGEMENT

(5) Professor M. J. Mandeville, Head of the Department of Management in the College of Commerce and Business Administration, has asked to be relieved of this administrative assignment at the end of the current academic year so that he may devote all of his time to teaching and research. The Dean of the College recommends approval of his request and the appointment of Stewart Y. McMullen, Professor of Business Administration at Northwestern University School of Business, as Professor of Management on indefinite tenure and Head of the Department of Management for two years beginning September 1, 1959, at a salary of \$20,000 per year on "Y" basis.

Members of the Department of Management of professorial rank and the Executive Committee of the College have been consulted and support this recommendation. The Vice-President and Provost and the Dean of the Graduate College concur.

I recommend approval.

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

HEADSHIP OF DEPARTMENT OF ANTHROPOLOGY

(6) The Board of Trustees has authorized establishment of a new Department of Anthropology, formerly a part of the Department of Sociology and Anthropology. Pending the selection of a head of the new department, the Dean of the College of Liberal Arts and Sciences recommends the appointment of Dr. Julian H. Steward, Research Professor of Anthropology, as Acting Head of the Department for one year beginning September 1, 1959. He has recently been appointed to the Center for Advanced Study but is willing to accept the responsibility of the headship on the temporary basis. The recommendation is supported by the Vice-President and Provost and the Dean of the Graduate College.

I concur.

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

APPOINTMENT OF ASSISTANT DIRECTOR OF THE AGRICULTURAL EXPERIMENT STATION AND ASSISTANT DEAN OF THE COLLEGE OF AGRICULTURE

(7) The Dean of the College of Agriculture and Director of the Agricultural Experiment Station recommends the appointment of Dr. R. W. Jugenheimer of the Department of Agronomy as Assistant Dean of the College of Agriculture and Assistant Director of the Agricultural Experiment Station, a new position in the College and Station, for two months beginning July 1, 1959, at an annual salary rate of \$12,500, and reappointment at the same salary for two years from September 1, 1959, on "BY" basis. This is in addition to his present appointment as Professor of Plant Genetics on indefinite tenure.

The Vice-President and Provost and the Dean of the Graduate College concur.

Submitted herewith is a statement from the Dean and Director in support of the establishment of this new position and of Dr. Jugenheimer's appointment. A copy is being filed with the Secretary of the Board for record.

I recommend approval.

On motion of Mr. Hughes, 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. SAMUEL M. ADLER, Visiting Professor of Art, beginning September 16, 1959, at a salary of \$14,000 for the academic year 1959-60 (E).
2. LOREN WESLEY AKERS, Assistant Professor of Hygiene and Physician to McKinley Hospital and the Health Center, beginning September 1, 1959, at an annual salary of \$12,000 (DY).
3. ORVILLE T. BAILEY, Professor of Neurology in the College of Medicine, beginning September 1, 1959, at an annual salary of \$18,000 (AY).
4. RICHARD L. BISHOP, Assistant Professor of Mathematics, beginning September 1, 1959, at an annual salary of \$6,500 (B).
5. DANIEL J. ELAZAR, Research Assistant Professor in the Institute of Government and Public Affairs, beginning September 16, 1959, at an annual salary of \$7,500 (BY).
6. AMIEL FEINSTEIN, Assistant Professor of Mathematics, beginning September 1, 1959, at an annual salary of \$7,000 (B).
7. ANTHONY F. GAUDY, JR., Assistant Professor of Sanitary Engineering, in the Department of Civil Engineering, beginning September 1, 1959, at an annual salary of \$6,000 (B).
8. GEORGE G. JUDGE, Professor of Agricultural Economics, beginning August 1, 1959, at an annual salary of \$14,000 (AY).
9. MAURICE LEE, JR., Associate Professor of History, beginning September 1, 1959, at an annual salary of \$8,000 (A).
10. JAMES E. MOYER, Associate Professor of Advertising, beginning September 1, 1959, at an annual salary of \$9,000 (A).
11. DONALD C. NEVILLE, Research Specialist with rank of Assistant Professor, in the Physical Plant Department, beginning May 1, 1959, at an annual salary of \$7,500 (DY).
12. JOHN JOSEPH O'NEILL, Professor of Speech, Director of Speech and Hearing Clinics, and Counselor in Teacher Education, beginning September 1, 1959, at an annual salary of \$12,500 (AY80; D20).
13. HIRAM PALEY, Assistant Professor of Mathematics, beginning September 1, 1959, at an annual salary of \$6,000 (B).
14. GERARD FRANCIS SCHMIDT, Assistant Professor of German, beginning September 1, 1959, at an annual salary of \$7,700 (B).
15. PAUL W. STEINBECK, Assistant Professor of General Engineering, beginning September 1, 1959, at an annual salary of \$6,000 (B).
16. HERBERT S. WILF, Assistant Professor of Mathematics, beginning September 1, 1959, at an annual salary of \$6,500 (B).
17. GEORGE W. WOODWORTH, Fred S. Bailey Memorial Professor of Money, Banking, and Finance, in the Department of Finance, beginning September 1, 1959, at an annual salary of \$20,000 (A).
18. BERNHARD RUSSELL WORKS, Assistant Professor of Speech, beginning September 1, 1959, at an annual salary of \$6,000 (B).

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

APPOINTMENT TO BOARD OF EXAMINERS IN ACCOUNTANCY

(9) On nomination of the Committee on Accountancy, I recommend the appointment of Mr. William Deeming, C.P.A., Administrative Partner of Scovell, Wellington, and Company, Certified Public Accountants, 105 West Adams Street, Chicago, to the Board of Examiners in Accountancy for three years beginning July 1, 1959, to replace Mr. Ralph S. Johns whose term expired June 30, 1959.

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

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, 1959, for three-year terms, and I concur:

Agricultural Economics

HARVEY J. SCHWEITZER, Malta

Agricultural Engineering

H. V. DEFFENBAUGH, Citizens National Bank, Paris

F. GUY WHITE, Bob White Farms, Girard (Technical Director, Granite City Steel Company, Granite City)

Agronomy

MARTIN BURRUS, Burrus Seed Farms, Arenzville

MAXWELL CRAWFORD, Rural Route 1, Milford

Animal Science

LLOYD HANNA, Roseann Farms, Farmersville (Manager, Gietl Brothers, Springfield)

HENRY A. LONGMIRE, Greenfield

Dairy Science

HOMER C. CURTISS, Stockton

Forestry

K. STARR CHESTER, Technical Adviser, Alton Box Board Company, Post Office Box 276, Alton

Horticulture (Vegetables, Fruits, Ornamentals)

GEORGE DEVRIES, DeVries Farm, 3560 West 99th Street, Evergreen Park

EDWARD RIDGWAY, Manager, Ridgway Farms and Greenhouses, Post Office Box 87, Herrin

JOHN TURES, 1500 Lee Street, Des Plaines (Matt Tures and Sons Nursery, Box 313A, Rural Route 1, Roselle)

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

THE AGRICULTURAL INDUSTRIES CURRICULUM

(11) The Urbana-Champaign Senate recommends authorization of a new agricultural industries curriculum leading to the degree of Bachelor of Science in Agriculture.

The curriculum developed by the Colleges of Agriculture and Commerce and Business Administration is designed to meet a changing trend in demand for graduates in agriculture by placing increased emphasis on business and economic training in addition to providing a broad selection of courses in agricultural sciences, natural sciences, social sciences, communications, and the humanities. This is part of an over-all program of the two colleges envisaging further development of curriculum involving both agriculture and commerce.

The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved in this question.

Submitted herewith is an outline of the curriculum, a copy of which is being filed with the Secretary of the Board for record.

I recommend approval.

On motion of Mr. Herrick, this curriculum was authorized.

ALTERNATE EDUCATIONAL PROGRAM FOR CONSCIENTIOUS OBJECTORS AS A SUBSTITUTE FOR MILITARY TRAINING

(12) The University Committee on Military Affairs has made a study of the problem of students who, because of reasons of conscience, object to taking military science courses. As a result of its study, the Committee has come to the conclusion that the University should adopt a plan under which conscientious objectors may petition to be excused from the compulsory military science requirement. The Committee believes that a student should be excused only on the basis of conscience and that, if excused, he should be obliged to enroll in some courses which would give him a better understanding of international politics and the history of warfare.

The Committee on Military Affairs recommends that the Board of Trustees be asked to adopt a policy permitting conscientious objectors to petition to substitute prescribed courses for the compulsory first two years of military science.

The Committee recommends that a University Committee on Military Science be appointed by the President to consider the petitions of conscientious objectors. It is recommended that this committee include the Chairman of the Committee on Military Affairs, the Dean of Students, and at least one faculty member who is not a member of the Military Affairs Committee.

The Committee recommends that the Board of Trustees authorize an appeal from an adverse decision by the University Committee on Military Science to the President.

The Committee recommends that in all cases where a petitioner is excused from compulsory military science on grounds of conscience, he be required to enroll in and pass the following courses (total of five hours): (a) Political Science 184, International Relations, two hours; and (b) one of the following history courses: History 291, History of Land Warfare, three hours; History 292, History of Naval Warfare, three hours; History 295, Reading Course, three hours.

The plan outlined is in accord with the provisions of United States law which permits a person drafted to secure assignment to special duty if he is a conscientious objector.

Military training is not a requirement for graduation in any of the undergraduate or professional colleges but is a general University requirement. All male students, unless specifically exempted under University rules, must register for military training and must take the full basic course, whether they intend to graduate or not. For example, students who are over twenty-two years of age when enrolling, students entering with junior or higher standing, and students who are physically disqualified are exempt. Since credit for military training is not required for graduation, Senate action on the recommendation of the Committee on Military Training was not required; but its recommendation was, nevertheless, presented to the Senate on June 1, 1959. The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved.

I recommend approval of this program, effective September 1, 1959.

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

ACCREDITATION OF INSTITUTIONS OF HIGHER LEARNING

(13) For many years the University of Illinois has been accrediting institutions of higher learning in Illinois. The Urbana Senate Committee on Admissions from Higher Institutions recommended to its Senate that this practice be discontinued, and this recommendation has been approved by both the Urbana Senate and the Chicago Undergraduate Division Senate. The Senate Coordinating Council has advised that the Chicago Professional Colleges Senate is not concerned in this.

Accordingly, the University will discontinue accreditation of institutions of higher learning in Illinois according to the following plan:

With respect to two-year and four-year institutions that have not been accredited by the North Central Association of Colleges and Secondary Schools, but which have been approved by the University, the University shall (a) inform these institutions that it is discontinuing accrediting and rating activities; (b) inform these institutions that present ratings will be continued (from September 1, 1959) for a period of three years for two-year institutions and for a period of five years for four-year institutions unless evidence is received concerning one or more of these institutions clearly indicating that such ratings should not be continued; (c) inform these institutions that it will, after September 1, 1959, accept accreditation by the North Central Association; and (d) notify these institutions that it will be glad to cooperate with them in assisting them to become fully accredited.¹

With respect to institutions that are in the process of establishing programs, the University shall advise these institutions when they seek approval that until they are accredited by the North Central Association, the University will admit students who have completed courses in these institutions on the basis of validation by examination or by work in advanced courses in sequence, taken in residence.

In institutions that have not been accredited by the North Central Association or approved by the University of Illinois, but that have been accredited or approved by one of the agencies recognized by the National Commission on Accrediting, the University shall accept all of the credit earned in such institutions and indicate that the precise amount of such credit which is applicable toward a particular degree will be determined by the University College and Department concerned.

This report was received for record.

¹ Subsequently (b) was modified to provide for continuation of present ratings for five years for two-year institutions as well as for four-year institutions. — Secretary's Note.

CHANGES IN FEES

(14) The Committee on Fees has recommended the following changes in the present student fee structure:

Graduate and Undergraduate Colleges—Urbana and Chicago Undergraduate Division

	Present		Proposed	
	Semester	Summer Session	Semester	Summer Session
Laboratory, Library, and Supply Fee. . .	\$11 00	\$5 50	\$10 00	\$5 00
Hospital-Medical-Surgical Insurance Fee	7 00	3 50	8 00	4 00

(Authorized by the Board on June 23 in the award of a contract for the hospital-medical-surgical insurance but included here to get the fee changes into the record.)

College of Dentistry—Postgraduate Fee Schedule

Part-time postgraduate students in short courses:

Present fee structure: \$25.00 per day for non-laboratory courses; \$35.00 per day for laboratory courses.

Proposed fee structure:

A. \$25.00 per day up to and including three days of postgraduate instruction.
 \$100.00 for periods over three days and up to and including a full week.
 \$150.00 for periods over one week and up to and including two full weeks.
 \$50.00 for 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.)

B. 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:

Present fee structure: \$50.00 per month, or \$150.00 per quarter.

Proposed fee structure:

C. Full-time postgraduate students enrolled for the regularly scheduled survey program will be charged at the (present) rate of \$50.00 per month. (See fee schedule under Survey Program.)

The schedule of postgraduate fees in the College of Dentistry has been approved by the Deans of the Colleges of Dentistry and Medicine and the Vice-President in charge of the Chicago Professional Colleges.

I recommend approval.

On motion of Mr. Swain, these fees were approved.

CHANGE IN NAME OF SMALL HOMES COUNCIL

(15) The Executive Committee of the Small Homes Council recommends, and I concur, that its name be expanded to "Small Homes Council—Building Research Council." Its functions and operational procedures will be the same as those specified when the Small Homes Council was established by the Board of Trustees but the change in name is desired because an increasing number of architectural projects are proposed to the Council which are not in the Small Homes field but are of interest and importance, and are suited to the Council's program.

On motion of Mrs. Watkins, this change was approved.

ASSIGNMENT OF LAND RECEIVED FROM THE UNITED STATES GOVERNMENT TO THE AGRICULTURAL EXPERIMENT STATION

(16) The University of Illinois has received from the Department of Health, Education, and Welfare approximately 160 acres of farm lands near Joliet in Will County which had been declared surplus by the United States Government. Application for this land was authorized by the Board of Trustees on April 17, 1958.

The land was transferred to the University by quitclaim deed dated May 25, 1959, subject to leases which will be in effect until February 29, 1960, and to the condition that the University shall continue to use this land for educational purposes for a period of twenty years, as set forth in the application. Failure to do so would result in forfeiture of title, or the University could pay the United States Government the fair market value of the land less a credit of five per cent for each twelve months of use of the property for the purposes specified in the application. The fair market value of the 160 acres, including the improvements thereon, in \$60,000.

I recommend assignment of this land to the Agricultural Experiment Station for the use of the Department of Agronomy.

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

**RESOLUTION DELEGATING SIGNATURES FOR CONSTRUCTION
FUND ACCOUNTS AT THE HARRIS TRUST AND SAVINGS BANK**

(17) On March 12, 1959, the Board adopted a resolution delegating signatures for the Construction Fund for the Housing Revenue Bonds of 1958, Series A and B. The Finance Committee has approved the designation of the Harris Trust and Savings Bank as the depository for the Construction Fund Account 1959B, which will be used for the construction of the graduate students residence hall. Therefore, the Finance Committee recommends that the resolution be amended to read:

WHEREAS, The Board of Trustees of the University of Illinois has designated and in the future may designate the Harris Trust and Savings Bank, Chicago, as the depository for certain Construction Fund Accounts and authorized said Bank to act as investment counsel for the purchase of government securities as temporary investment of all such Funds, and

Therefore, It Is Hereby Resolved by the Board of Trustees of the University of Illinois, a public corporation, that the President of the Board of Trustees be and hereby is authorized to delegate to C. C. DeLong, to R. W. Zimmer, and to R. F. Wood authority to sign his name as President of the Board of Trustees to warrants drawn on said Construction Funds, covering vouchers approved in accordance with regulations of the Board.

The Secretary of the Board of Trustees be and hereby is authorized to delegate to Maude Archdeacon, to George H. Bargh, and to Everett G. Smith authority to sign his name as Secretary of the Board of Trustees to warrants drawn on said Construction Funds, covering vouchers approved in accordance with regulations of the Board.

Be It Further Resolved, That the Harris Trust and Savings Bank of Chicago, 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 countersigner thereof, when bearing the facsimile signatures of the two following: K. E. Williamson, President, and A. J. Janata, Secretary; and the Harris Trust and Savings 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 facsimile signature or signatures thereon may have been offered thereto, if such facsimile signatures duplicate the facsimile specimens duly certified to or filed with the Harris Trust and Savings Bank of Chicago by the Secretary or other officer of this Corporation; and

Be It Further Resolved, That H. O. Farber, Comptroller of this Board, is hereby authorized to direct the Harris Trust and Savings Bank to execute orders for the purchase, sale, or exchange of United States Government securities acquired as temporary investment of said Construction Funds, and H. O. Farber is further authorized to delegate to C. C. DeLong and to W. M. Griffith authority to sign his name to such orders.

On motion of Mr. Johnston, this resolution was adopted.

NONRECURRING APPROPRIATIONS

(18) The Vice-President and Provost and the Vice-President and Comptroller recommend the following assignments from the General Reserve:

1. College of Liberal Arts and Sciences, equipment and improvements in

the Natural History Building for the departments listed so that effective use can be made of space allocated to them and formerly occupied by the Department of Physiology which has been transferred to Burrill Hall:

Botany.....	\$24 695
General Studies	18 970
Zoology.....	14 920
2. College of Liberal Arts and Sciences, equipment for language laboratory in Lincoln Hall.....	27 000
3. College of Commerce and Business Administration, remodeling in David Kinley Hall	10 000
4. Student Counseling Service, construction of a room in the south end of the third floor corridor of Administration Building (East).....	3 070
5. Research and Educational Hospitals, furniture and equipment for recently remodeled areas.....	7 200
6. School of Life Sciences, dedication of Burrill Hall.....	3 800
7. Overcoats (200) for Football Band.....	7 430
I concur.	

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

APPROPRIATIONS FOR BUILDING ALTERATIONS

(19) Funds are needed for remodeling to provide office facilities and instructional space. Some of the critical areas are:

1. <i>Lincoln Hall</i> —remodeling on second floor for offices for the Departments of Russian and French; the basement area for a laboratory for the Department of Anthropology; and dividing six classrooms into smaller rooms with a classroom capacity of thirty each. Estimated cost.....	\$ 27 200
2. <i>English Building</i> —converting room 201 into three classroom areas. Estimated cost	22 000
3. <i>Natural History Building</i> —preparing rooms 423, 435, 431, and 432 for laboratory instruction and rooms 116 and 120 for geology classes. Estimated cost	29 500
4. <i>Harker Hall</i> —remodeling room 204 for use of one end as a general university classroom and the other as a laboratory for entomology classes. Estimated cost.....	3 000
5. <i>Noyes Laboratory</i> —clearance of surplus equipment and improvement of lighting so that areas may be used for offices for graduate assistants. Estimated cost	6 500
6. <i>Building at 1205 West Oregon Street, Urbana</i> —remodeling of second floor to provide quarters for the all-University Honors Program approved by the Board of Trustees. Estimated cost.....	13 500
Total.....	\$101 700

Submitted with this recommendation are supporting statements explaining the needs for this remodeling and the breakdown of the cost estimates. Copies are being filed with the Secretary of the Board for record.

The Director of the Physical Plant, the Vice-President and Comptroller, and the Vice-President and Provost recommend an appropriation of \$101,700 from the General Reserve for these building alterations.

I concur.

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

FINANCING AND CONSTRUCTION OF MEN'S RESIDENCE HALLS

(20) The Board of Trustees has authorized the construction of the third stage of the Men's Residence Halls in the University's student housing program. These

buildings will be on Peabody Drive and will consist of three residence halls and a food service unit, duplicating the Gregory Drive Men's Residence Halls group (Forbes, Garner, and Van Doren Houses), completed and occupied in September, 1958. The third stage will provide housing for 1,500 men students; quarters for 1,000 should be available in September, 1960, and the remaining 500 in September, 1961.

The total estimated cost of this project is \$7,500,000, to be financed through a revenue bond issue. It was anticipated that \$3,750,000 of the bonds could be sold to the Housing and Home Finance Agency under the Federal College Housing Loan Program and the remaining \$3,750,000 sold at public sale to investment bankers. Approval of the federal government's participation in this financing was contingent upon enactment of the housing bill recently passed by the Congress and consequently University negotiations were necessarily delayed until the outcome of this legislation was known. The veto of the congressional act means further delay and it is uncertain whether or not any housing legislation will be approved by the present Congress.

To meet the completion schedule indicated, construction must be started soon. Bids on the construction will be received on July 22 and 28, and it had been planned that as soon as these bids are known, a public notice would be issued inviting bids on the bonds with the sale of bonds scheduled for the middle of August. In the event federal financing is not available in time, one of two courses of action may be followed: (1) divide the project into two phases, the first of which would be financed entirely from the sale of bonds to private capital and the second deferred until federal financing can be assured; or (2) sell bonds for the complete project to private capital and seek federal financing on future housing projects for their total cost instead of on a matching basis.

The Vice-President and Comptroller recommends that:

1. He be authorized to advertise for the sale of bonds at the appropriate time and in a manner advantageous to the University;
2. The application to the Housing and Home Finance Agency be amended, if necessary;
3. The firm of Chapman and Cutler, Chicago, be retained as counsel for the bond issue;
4. The Executive Committee of the Board of Trustees be authorized to (a) award construction contracts, (b) approve the Loan Agreement with the Housing and Home Finance Agency if federal financing is available, and (c) sell the bonds for this project;
5. Funds from Housing Division Reserve be advanced to the extent necessary and available to finance construction costs prior to the delivery of bonds; and that
6. The Comptroller and the Secretary of the Board of Trustees be authorized to execute all documents and to take all other steps necessary to initiate this project.

I concur in these recommendations.

On motion of Mr. Johnston, these recommendations were approved, and the Executive Committee was authorized to act for the Board on all necessary steps to be taken pursuant to said recommendations. This action was taken by the following vote: Aye, Mr. Clement, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Stratton.

FINANCING AND CONSTRUCTION OF LAUNDRY AT CHICAGO PROFESSIONAL COLLEGES

(21) The Board of Trustees has approved the construction of a laundry at the Chicago Professional Colleges as a self-liquidating project, has authorized the Vice-President and Comptroller to investigate ways and means of financing its construction, and has authorized employment of architects to prepare plans and specifications. The Buildings and Grounds Committee has approved the location of the building at the northeast corner of Damen Avenue and Taylor Street.

The Vice-President and Comptroller and officers of the University of Illinois Foundation have discussed with officers of the First National Bank of Chicago methods of financing; as a result of these conferences, it has been

determined that a laundry building can be financed and constructed according to the following plan.

1. The University will convey to the Foundation the site for the laundry, to which the University now has title.
2. The Foundation will borrow \$650,000 from the First National Bank of Chicago to construct and equip the laundry.
3. The Foundation will request the University to act as its agent in taking bids and supervising the construction and equipping of the building.
4. The University will recommend to the Foundation awards of contracts by the Foundation for the construction and equipping of the building.
5. The Foundation and the University will execute a lease under which the Foundation will lease the building and equipment to the University for the purpose of carrying on laundry operations.
6. The University will pay under this lease a rental to the Foundation sufficient to repay the funds borrowed from the First National Bank over a period of from ten to twelve years, depending on the interest rate at which the loan is made.
7. The loan will be made by the First National Bank of Chicago at an interest rate of $2\frac{1}{2}$ per cent. A ruling has been secured from the Department of Internal Revenue that the interest paid to the Bank by the Foundation is exempt from income tax. At $2\frac{1}{2}$ per cent the loan will be repayable in ten years.
8. The University will charge departments of the University in Chicago rates for laundry work performed, which will provide income to cover the operations of the laundry and pay the necessary rentals to the Foundation.
9. Upon repayment of the loan by the Foundation, the property will be conveyed by the Foundation to the University.

The Foundation has taken the necessary actions. Bids taken by the University on the construction of the laundry and installation of equipment will be turned over to the Foundation with a recommendation for the awards of the contracts. It is necessary that an easement be granted by the University to the Medical Center Steam Company, which will supply steam to the laundry, before conveyance of the laundry site to the Foundation.

Accordingly, the Director of the Physical Plant, the Vice-President in charge of the Chicago Professional Colleges, and the Vice-President and Comptroller recommend that:

1. The Board adopt a resolution (submitted herewith) granting an easement to the Medical Center Steam Company.
2. The Board adopt a resolution (submitted herewith) authorizing the Comptroller and the Secretary of the Board to execute the necessary documents and to take other actions as may be necessary to implement the plan recommended.
3. The University of Illinois Foundation be requested to award contracts for the construction and equipment of the laundry building as follows:

Construction—George Sollitt Construction Company, Chicago.....	\$443 540 00
Equipment—	
American Laundry Machine Company, Chicago.....	108 620 00
Super Laundry Machinery Company, Chicago.....	35 763 80
<i>Total Contracts</i>	<u>\$587 923 80</u>

The budget for this project indicates a total cost of \$768,600. The University will provide \$118,600 in (a) useable equipment in the present laundry, valued at \$33,600; (b) \$45,000 in reserves resulting from operation of the present laundry; and (c) \$40,000 representing the value of the site. This leaves \$650,000 to be financed.

All approvals are subject to completion of the necessary legal documents in a form and manner satisfactory to the University's Legal Counsel, the University of Illinois Foundation, and the First National Bank of Chicago. Submitted herewith is a report with recommendations from the Physical Plant Department relating to the awards of contracts, including a schedule of all bids received and a budget for the project. A copy of this report is being filed with the Secretary of the Board for record.

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 in behalf of this corporation, and in its name, to prepare, execute, and deliver to MEDICAL CENTER STEAM COMPANY an agreement granting said MEDICAL CENTER STEAM COMPANY a right, easement, permission, and authority to use the South ten (10) feet of the West twenty-five (25) feet more or less of Lot 4 and the North five (5) feet of the West twenty-five (25) feet more or less of Lot 5, both in Turner and Bond's Subdivision of that part of the West half of Lot 10 North of Taylor Street; all in Codwise's Subdivision of the West half of the South East quarter of Section eighteen (18), Township thirty-nine (39) North, Range fourteen (14), East of the Third Principal Meridian (except one chain and 37 links all along the West side thereof) in Cook County, Illinois, for the purpose of constructing, operating, maintaining, renewing, and removing conduits, service pipes, and other related appurtenances, which easement shall be perpetual and shall continue for so long as used for said purposes and shall follow the title and ownership of the property and facilities of said MEDICAL CENTER STEAM COMPANY to its successors and assigns; said easement to be granted on the condition that MEDICAL CENTER STEAM COMPANY restore any property of this public corporation, or its assigns, disturbed by reason of such installation, repair, or removal as nearly as possible to its original condition, and that MEDICAL CENTER STEAM COMPANY indemnify this public corporation against all loss arising out of its exercise of the rights granted under such easement.

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 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, whereby this public corporation will convey certain hereinafter described property owned by it in the Medical Center District of Chicago to Foundation; Foundation will borrow money for the purpose of constructing, and will construct, on said property a building completely equipped suitable for and to serve as a laundry for said public corporation, will lease said property, including said building and equipment, to this public corporation at a rental sufficient to pay its indebtedness incurred in connection with the construction and equipping of said building; and will upon completion of the repayment of said indebtedness from said rentals reconvey said property, including the building and equipment thereon, to this public corporation; to sign, execute, acknowledge, and deliver to Foundation a good and sufficient warranty deed conveying to said Foundation in accordance with the terms of the hereinbefore mentioned agreement the following described property, to-wit:

Lots 1 to 10 both inclusive and the vacated North and South public alley lying East of the East lines of Lots 1 to 7 both inclusive and West and Northwesterly of the West and Northwesterly line of Lot 8; all South of the North line of Lot 8 produced West to the East line of Lot 1, said alley vacated by an Ordinance of the City Council of the City of Chicago passed 1959; all in Turner and Bond's Subdivision of that part of the West half of Lot 10 North of Taylor Street; all in Codwise's Subdivision of the West half of the South East 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) in Cook County, Illinois;

to sign, execute, and deliver a lease with and from Foundation of said property, including said building and equipment, when the construction and equipping of said building has been completed, 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 construction and equipping of said building, said lease to run from the date of completion and equipping of said

building to June 30 of the first subsequent odd-numbered year and thereafter to be automatically renewed for successive two-year periods from July 1 of each odd-numbered year to June 30 of the next succeeding odd-numbered year unless sixty (60) days prior written notice of termination at the end of any one of said two year periods is given Foundation by this public corporation until said lease is finally terminated by the payment and liquidation of the above mentioned indebtedness; to commit this public corporation to act as agent for Foundation in the construction and equipping of said laundry building 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 construction and equipping of said laundry building; to accept reconveyance of said property, including said building and equipment, from Foundation when Foundation's indebtedness has been retired as provided above; and 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.

I concur in these recommendations.

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

ASSIGNMENTS OF FUNDS AND AWARD OF CONTRACTS FOR NUCLEAR REACTOR

(22) Bids received on a Nuclear Reactor and on construction of a building to house the equipment for the College of Engineering and the Engineering Experiment Station total \$357,000 compared with an original estimate of \$240,000.

A grant of \$150,000 from the Atomic Energy Commission is available for a portion of this cost. The Board of Trustees had previously assigned (May, 1958) \$90,000 for the University's portion of the original estimated cost. To finance the additional cost, the Vice-President and Provost and the Vice-President and Comptroller recommend assignment of \$28,000 from funds available to the University Research Board and \$89,000 from accumulated collections for indirect costs on contract research. The Research Board has approved this assignment.

If funds are thus made available, it is recommended that contracts be awarded to the lowest bidders as follows:

Building construction — Kuhne-Simmons Company, Inc., Champaign.....	\$133 859
Reactor — General Atomic Division, General Dynamics Corporation, San Diego, California	171 010
Additional equipment	6 928

I concur in these recommendations.

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

CONTRACT WITH RICHARDSON, SEVERNS, SCHEELER, AND ASSOCIATES FOR ARCHITECTURAL SERVICES

(23) The University's contract with Richardson, Severns, Scheeler, and Associates, Champaign, Illinois, for architectural services on specific assignments expires August 1, 1959. The Director of the Physical Plant and the Vice-President and Comptroller recommend a new contract with this firm for the following services:

<i>Chicago Professional Colleges</i>	<i>Estimated Cost</i>
Architectural studies for future buildings.....	\$20 000
Completion of studies and report on master plan.	
Review of program and relationship of proposed new buildings and remodeling of existing buildings.	

Urbana-Champaign Campus

Architectural studies for future buildings.....\$15 000

Completion of written report on the 1959-61 development plans.

Continuation of studies on the 1959-69 development plan, including revisions, and the development of a detailed program for the various college areas.

Continuation and refinement of the general development plan beyond 1969.

Feasibility studies of student and staff housing and related projects.. 7 000

Miscellaneous services and architectural studies

for future buildings..... 12 000

These services to be on specific projects as funds for them become available, the cost of these services to be paid from project funds.

The terms of the contract will be the same as those in previous contracts with this firm except for changes in standard hourly rates of personnel employed. Payments will be based on payroll costs plus 100 per cent for overhead and commission.

This will require assignments and reassignments of funds as follows:

From unexpended balances in appropriations previously made by the Board for these purposes:

Architectural studies for Chicago Professional Colleges.....\$20 000

Architectural studies for future buildings at Urbana and costs charged directly to project costs..... 27 000

From Housing Division Reserves.....\$2 000

From the General Reserve..... 5 000 7 000

For feasibility studies of student and staff housing and related projects.

I recommend approval.

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

**CONTRACTS FOR FUEL FOR THE CHICAGO UNDERGRADUATE
DIVISION AND THE MEDICAL CENTER STEAM PLANT AT THE
CHICAGO PROFESSIONAL COLLEGES**

Coal for Medical Center Steam Plant

(24) 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 Diamond Coal and Oil Company, 1074 West Division Street, Chicago, Illinois, the lowest bidder, for 35,000 tons of screenings coal to be delivered to the Medical Center Steam Company plant, operated by the University, as required during the period September 1, 1959, to June 30, 1960, at a per ton cost of \$3.25, plus transportation of \$3.23, plus \$1.04 for handling, storage, and delivery, or a total estimated cost of \$263,200. 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. 6 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 1959-60 heating season, from the Jewett and Sowers Oil Company, 2580 South Archer Avenue, Chicago, Illinois, the lowest bidder, at a price not to exceed \$0.0859 per gallon subject to adjustment in accordance with the posted price variations published in the "Oil Daily." On the basis of the maximum price quoted, the total cost of 8,000 gallons would be \$687.20, and of 450,000 gallons, \$38,655.

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 340,000 gallons, for the 1959-60 heating season, from the Jewett and Sowers Oil Company, 2580 South Archer Avenue, Chicago, Illinois, the lowest bidder, at a price not to exceed \$0.0939 per gallon subject to adjustment in accordance with the posted price variations published in the "Oil Daily." On the basis of the maximum price quoted, the total cost of 340,000 gallons would be \$31,926.

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

CONTRACTS FOR CONSTRUCTION OF ADDITION TO ABBOTT POWER PLANT AND FOR EXTENSIONS OF THE UTILITIES DISTRIBUTION SYSTEM

(25) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of contracts as follows for construction, installations, and equipment in the construction of an addition to the Abbott Power Plant and extensions of the utilities distribution system, the contract in each case to be subject to the availability and releases of funds in state capital appropriations to the University for 1959-61. In each case the contract recommended is to the lowest bidder.

Power Plant Addition

New cooling tower, electrical work (Division "8-B") — Square Deal Electrical Contracting, Inc., LaPorte, Indiana.....	\$ 30 570
Basin for new cooling tower (Division "8-G") — W. R. Stoune Company, Tuscola, Illinois	22 900
Addition for required shoring of south side of Small Homes Council Research	\$22 450
Building to protect same.....	450
Cooling tower piping and miscellaneous work (Division "8-H") — Usher Brothers—Ideal Heating Company, 6316 Wentworth Avenue, Chicago	37 777
Turbine generator unit and exciter, electrical equipment and boiler feed pump (Division "8-C") — General Electric Company, Chicago.....	637 440
Steam generating unit with auxiliaries (Division "8-D") — Babcock and Wilcox Company, Chicago.....	590 922
Closed feed water heater (Division "8-F") — Alco Products, Inc., Chicago	10 950
Condensing equipment and deaerating heater (Division "8-E") — Westinghouse Electric Corporation, Chicago.....	76 980

Extension of Utilities Distribution Systems

Construction of underground tunnel (Division "A A") — Kuhne-Simmions Company, Inc., Champaign.....	\$283 819
Piping system in steam tunnel and steam conduit from tunnel to Assembly Hall (Division "B B") — Burdick Plumbing and Heating Company, Decatur.....	153 526
Thermal insulation for piping in steam tunnel (Division "C C") — W. J. Donahoe Company, Chicago.....	49 129
Base bid plus accepted alternates. (The base bid is on the installation of the main steam and return lines; alternates are for installation of subsidiary lines.)	

Electrical work in steam tunnel and for extension of electrical distribution system (Division "D D") — Square Deal Electrical Contracting, Inc., Urbana.....	\$ 59 043
Plumbing work for steam tunnel (Division "E E") — George S. Walker Plumbing and Heating, Inc., Decatur.....	11 836

Submitted herewith are supporting statements from the Physical Plant Department listing all bids received and reporting the recommendations of Sargent and Lundy, Chicago, employed by the University for the engineering designs of the construction and equipment installations. Copies of these reports are 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 by the Governor. The Governor has announced that no releases of capital appropriations will be approved prior to January, 1960, and then only if the State's revenue situation is favorable. Hence, award of these contracts must be contingent upon the release of funds and provided that the contractors will extend the time during which their bids will be firm. The alternative is to reject all bids and advertise for new ones when availability of funds has been assured.

I concur.

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

ADDITION TO CONTRACT FOR ABBOTT POWER PLANT

(26) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$5,750 in the contract with General Electric Company, Chicago, to provide for spare parts for the recently installed turbine generator. This would be for a minimum number of parts which should be in stock for repairs so that there will be no unnecessary delays in operations.

Funds are available in the state capital appropriations for 1957-59.

I concur.

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

STEAM SERVICE TO HOLY TRINITY PARISH CHURCH IN CHICAGO

(27) The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of a contract with the Holy Trinity Parish Church, 916 South Wolcott Avenue, Chicago, for steam service from the Medical Center Steam Company plant to a new church to be constructed in the Medical Center District at the northwest corner of Taylor Street and Wolcott Avenue, this contract to be on the same basis as contracts with other consumers of steam in the District supplied by the Company. The requirements of the church will not exceed 800 pounds per hour maximum demand. Additions to the steam plant now nearing completion will provide enough excess capacity to supply steam to the church.

I recommend approval.

On motion of Mr. Johnston, this contract was authorized.

RESEARCH CONTRACT WITH ATOMIC ENERGY COMMISSION AND OFFICE OF NAVAL RESEARCH

(28) The Department of Physics requests authority to submit a proposal to the Atomic Energy Commission and/or the Office of Naval Research for support of a research program in elementary particle physics. The amount of \$889,288 is requested for a two-year period which would provide full reimbursement for all direct and indirect costs, the latter estimated to be approximately \$121,000. Space is available in the new Physics Building and elsewhere for this program.

I recommend approval and authorization of a contract.

On motion of Mr. Swain, this contract was authorized.

GRANTS FROM THE ROCKEFELLER FOUNDATION AND THE FORD FOUNDATION

(29) The Rockefeller Foundation has made a grant of \$45,000 to the University of Illinois for research on the biochemistry of insects. This grant will be for a three-year period beginning September 1, 1959, and is a continuation of previous grants made for research in this field during the past nine years by Professors Clyde W. Kearns and James Sternburg of the Department of Entomology. The funds provided will be used for the salaries and wages of scientific and technical staff, laboratory equipment, and travel expenses.

The Ford Foundation has made a grant of \$47,500 to the University of Illinois to be used over a period of three years for the released time of members of the faculty for educational television programming. It will be used in connection with a course in economics and one in sociology and will provide full support to televise both courses the first year, and partial support of the courses in the next two years. It is the expectation of the officers of the Foundation that the program will be a permanent one and that the amount of instruction given over television will be increased in future years. The grant was made in response to an application submitted by Professor James R. Shipley, Head of the Department of Art and Chairman of the Committee to Direct Planning and Research in Instructional Television, and endorsed by Deans Royden Dangerfield and F. T. Wall and by Mr. Robert E. Gentry, representing the Business Office.

The University has accepted these grants from the Ford Foundation and the Rockefeller Foundation for the purposes indicated.

This report was received for record.

On motion of Mrs. Watkins, the Secretary was instructed to write to the Rockefeller and Ford Foundations formally expressing for the Board of Trustees appreciation of the support they have been giving programs of this type in general and to the University of Illinois in particular.

COMPTROLLER'S REPORT OF CONTRACTS

(30) The Comptroller's report of contracts executed during the period June 1 to 30, 1959.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
American Society for Engineering Education	To cover salary of Professor W. Leighton Collins on a three-fourths time basis, from July 1, 1958, to June 30, 1959	\$ 8 374 99	September 16, 1958
American Society for Engineering Education	To cover salary of Paul T. Bryant on a one-half time basis, from September 1, 1958, to August 31, 1959	4 105 39	September 1, 1958
American Society of Landscape Architects Committee on Research	Guidance in preparation of research programs and coordination of research activities	1 110 00	May 25, 1959
Sandia Corp.	Magnetic throat possibilities and the calorimetry of plasmajets	7 000 00	June 3, 1959
United States Air Force AF19(604)-5705	Sage operator performance factors contributing to operator fatigue in sage operations	37 955 00	May 1, 1959
United States Air Force AF19(600)-2038	Methods of determining organ displacement in animal subjects using micronex X-ray	9 688 00	June 15, 1959
United States Air Force AF49(638)-661	Data processing and analysis of data obtained in high-energy physics experiments	46 000 00	June 1, 1959
United States Army DA18-064-404-CML-426	Synthesis of fluorine compounds	12 000 00	June 1, 1959
United States Atomic Energy Commission AT(11-1)-790	Ribonucleic acid in the accumulation of ions by plant cells	15 000 00	June 15, 1959
United States Atomic Energy Commission AF(11-1)-791	Effect of X-ray irradiation on the enzymatic activity and nucleic acid metabolism in seeds and seedlings of Zea mays	18 400 00	June 17, 1959
United States Navy Nobs 77137	Fatigue behavior of welded HY80 at a stress calculated to provide failure at or between 10,000 cycles to 100,000 cycles	26 800 00	May 1, 1959

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
States Attorney of DeKalb County	Services rendered in lieu of taxes (Wright farms)	\$ 4 232 01	June 18, 1959

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
Edna E. Bauer	Rental of four-room suite on second floor, east side of building, located at 130 East First Street, Carlinville, Illinois, from July 1, 1959, to June 30, 1961, for Division of Services for Crippled Children	\$1 440 00 (\$60.00 per month)	July 1, 1959
Collins & Levis, Agents	Rental of suite 607, Car-Pet-Line Building, Rockford, Illinois, from July 1, 1959, to June 30, 1961, for Division of Services for Crippled Children	2 772 00 (\$115.50 per month)	July 1, 1959
Department of Finance of the State of Illinois	Rental of room 416, State of Illinois Building at 160 North LaSalle Street, Chicago, Illinois, from July 1, 1959, to June 30, 1961, for College of Agriculture	3 960 00 (\$165.00 per month)	July 1, 1959
G. W. Filberth	Rental of premises at 719 East Main Street, Mount Vernon, Illinois, from July 1, 1959, to June 30, 1961, for Division of Services for Crippled Children	1 560 00 (\$65.00 per month)	July 1, 1959
James Harvey Gray	Rental of first floor, building located at 120 South Fair Street, Olney, Illinois, from July 1, 1959, to June 30, 1961, for Division of Services for Crippled Children	1 680 00 (\$70.00 per month)	July 1, 1959
V. W. Hurlbert	Rental of office space and a supply storage room located at 602 South Broadway, Urbana, Illinois, from July 1, 1959, to June 30, 1961, for Division of Services for Crippled Children	2 640 00 (\$110.00 per month)	July 1, 1959
Massey-Ferguson, Inc.	One F-40 standard tractor, one DPO-A21 corn planter with fertilizer attachment, one DEO 7 ft. side delivery rake, one 7-FEO-20, narrow mower, one 13-ABO-22 8 ft. disc harrow, one 2-14-R 2 bottom plow, one 3-14-R 3 bottom plow, one SBO-41 spike tooth harrow, one PBO-20 disc tiller	533 59 annually	May 13, 1959
Henry S. Miller, Agent	Rental of suite 602, sixth floor, building located at 101 South Fifth Street, Springfield, Illinois, from July 1, 1959, to June 30, 1961, for Division of Services for Crippled Children	3 960 00 (\$165.00 per month)	July 1, 1959
Frank Skafidas	Rental of premises at 2004 Third Avenue, Rock Island, Illinois, from July 1, 1959, to June 30, 1961, for Division of Services for Crippled Children	3 000 00 (\$125.00 per month)	July 1, 1959
B. A. Strauch	Rental of premises at 707 South Wright Street, Champaign, Illinois, from July 1, 1959, to June 30, 1960, for Physical Plant Department	2 400 00 (\$200.00 per month)	July 1, 1959
Clara Woolcott and Charles E. Seten, Sr.	Rental of rooms 8 and 9, Seten Building, corner of Vine and Locust Streets, Harrisburg, Illinois, from July 1, 1959, to June 30, 1961, for Division of Services for Crippled Children	1 080 00 (\$45.00 per month)	July 1, 1959

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 1, 1959
American Iron & Steel Institute	Welded wire fabric for reinforced concrete	34 000 00	April 15, 1959

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
California Spray-Chemical Corp.	Fungicides on diseases of apples and grapes	\$ 500 00	April 6, 1959
Mayflower Warehousemen's Association	Preliminary sales analysis survey	3 450 00	July 5, 1959
Moorman Manufacturing Co.	Nutritional quality of pig starter rations	2 600 00	June 3, 1959
United States Air Force AF18(600)-1311	Crystallography of diffusionless phase changes in steel	1 443 03	May 8, 1959
United States Air Force AF49(638)-420	Crystallography and morphology of martensites and of the properties of dislocations in crystals	44 417 00	May 8, 1959
United States Army DA11-022-ORD-874	Nucleophilic attack of aromatic rings by organometallic compounds	17 788 00	May 29, 1959
United States Army DA11-022-ORD-1001	Conduction of electricity in solids	56 622 00	May 29, 1959
United States Army DA11-022-ORD-1175	Alloys of the transition elements	4 000 00	June 16, 1959
United States Army DA11-022-ORD-1987	Electrochemistry of fused salts	34 714 00	June 16, 1959
United States Army DA11-022-ORD-2525	Experimental research in electro-deposition	6 300 00	June 15, 1959
United States Army DA11-022-ORD-2772	Reactions of nitrogen II oxide	6 880 00	May 29, 1959
United States Atomic Energy Commission AT(11-1)-67, Project No. 17	Effects of intragastric irradiation with beta rays from ruthenium 106-rhodium 106 on malignant tumors	7 817 00	June 16, 1959
United States Atomic Energy Commission AT(11-1)-67, Project No. 22	Unclassified resonance studies on paramagnetic crystals	37 000 00	June 18, 1959
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	316 462 00	June 18, 1959
United States Navy Nonr-1834(05)	Nuclear disintegration schemes and nuclear interactions of cosmic rays	630 700 00	May 15, 1959

Adjustments Made in 1958-59 Cost-Plus Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drevitch (Plastering)	Fifty-one items: \$174.57 deduct to \$2,340.00	\$ 8 331 65	May and June, 1959

This report was received for record.

CONTRACTS FOR MINOR BUILDING ALTERATIONS AND REPAIRS

(31) In anticipation of a large volume of minor building alteration work during 1959-60, more than can be undertaken by University mechanics but most of which work would not justify the cost of preparing separate drawings and specifications and the expense of separate bidding procedures, the Physical Plant Department proposes renewing a former practice of securing bids from contractors in the various divisions of work based on net cost, plus an added percentage of material and labor costs for overhead and commission, the percentages varying with the amount of work to be done.

The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of cost-plus contracts for the fiscal year ending June 30, 1960, as follows, the award in each case being to the lowest bidder:

General work—Oran L. Shoemaker and Company, Champaign
 Electrical work—Brunkow Electric Company, Champaign
 Plumbing work—David W. Reichard Plumbing and Heating, Urbana
 Heating, piping, refrigeration, and automatic temperature control systems—Reliable Plumbing and Heating Company, Champaign
 Ventilating and sheet metal work—Schroeder and Sons Company, Champaign

A schedule of bids taken on the basis of such procedure showing the percentages to be added for work to be executed under cost-plus percentage contracts is attached, and a copy of this schedule is filed with the Secretary of the Board for record as the basis for the contract awards recommended. Awards of these

contracts will require no assignment of funds at this time; each job will be covered by a contract change order charged against funds allocated for it.

I concur.

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

PURCHASES

(32) 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 bid.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
23,000 copies <i>Illinois Farm Record Book</i> , Part I	Agricultural Economics	Interstate Printers & Publishers, Inc., Danville	\$3 845 00 f.o.b. delivered
Professional services required during the period July 1, 1959, through June 30, 1960, 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, clipping service, and mailing material	Extension Service in Agriculture and Home Economics	Newsography-95, Chicago	9 924 00
35 microscopes, monocular, triple nose-piece with 10x, 43x, 97x with 10x eyepiece, condenser, and iris diaphragm, with substage illuminator	Botany	Scientific Products, Evanston	11 607 95 f.o.b. delivered
12 microscopes, dissecting, stereoscopic, 10x, 15x, 20x, 30x, 40x magnifications with lamps			
Less trade-in of nineteen obsolete microscopes			
One chromatograph, programmed temperature type	Chemistry and Chemical Engineering	F & M Scientific Corp., Wilmington, Del.	3 520 22 f.o.b. delivered
One disc integrator mounted on recorder			
Four columns, packed			
One lot laboratory apparatus and glassware	General Chemical Stores	E. H. Sargent & Co., Chicago	31 523 02 f.o.b. Urbana
One portable induction heating unit rated at 10 kw. input, 6 kw. output, 208 V., 1 Ph., 60 cy., 450 KC	Coordinated Science Laboratory	Scientific Electric, Inc., Garfield, N. J.	2 780 00 f.o.b. delivered
1,000 transistors	Digital Computer Laboratory	Texas Instruments, Inc., Chicago	15 000 00 f.o.b. Dallas, Texas
66 microscopes, monocular student type, 4x, 10x, 43x objectives, 10x eyepieces, condenser with iris	Division of General Studies	Unitron Instrument Division, United Scientific Co., Boston, Mass.	6 805 00 f.o.b. delivered
Four microscopes, stereoscopic, wide field, for opaque subjects 10x to 30x magnifications in three steps			
Fourteenth-century manuscript of the coronation service, used in the coronation ceremony on May 11, 1326, for the investing of Charles IV and Jeanne d'Evreux as King and Queen of France; this is an acquisition for the permanent rare books and manuscripts collection and will be used in scholarly research	Library	H. P. Kraus, New York, N.Y.	9 500 00
Binding for all University Libraries, Urbana, Chicago Professional Colleges, and Chicago Undergraduate Division, for two years, July 1, 1959, to June 30, 1961	Library	Hertzberg-New Method, Inc., Jacksonville Urbana Library Burgmeier Book Bindery, Inc., Chicago Chicago Professional Colleges Library Chicago Undergraduate Division Library Terms: 2 per cent, tenth month following	110 000 00 10 000 00 5 000 00
One Hinman collating machine	Library	Arthur M. Johnson, Inc., Silver Spring, Md.	5 068 00 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Rebuild Steinway model D grand piano	Music	Steinway & Sons, Long Island City, N.Y.	\$ 3 135 00 f.o.b. Long Island City, N.Y.
One Remington-Rand synchro-tape typewriter	Music	Remington Rand, Inc., Chicago	3 680 00 f.o.b. Urbana
One Reader rewind reel			
One punch rewind reel			
One Reader supply reel			
200 overcoats, band uniform	University Bands	DeMoulin Bros. & Co., Greenville	9 530 00 f.o.b. delivered
One pump assembly, high pressure, laboratory; with air pump and compression cylinder, on portable base; air driven; with a capacity of 60,000 pounds per square inch	Physics	Autoclave Engineers, Inc., Erie, Pa.	3 478 00 f.o.b. Erie, Pa.
One set television prompting equipment consisting of: two prompter reading devices, one prompter typewriter, one master control unit, one remote hand control unit, and all necessary cabling and miscellaneous parts	Television-Motion Pictures	Telescript-CSP, Inc., New York, N.Y.	3 880 25 f.o.b. delivered
Radiation detection and measurement equipment:	Veterinary Medicine	Baird-Atomic, Inc., Cambridge, Mass.	2 504 00 ¹
Two recorders, automatic speed		Nuclear-Chicago Corp., Chicago	1 058 26 ²
One assembly (shields, probes, cables, ratemeters, carts)		Tracerlab, Inc., Berwyn Radiation Instrument Development Laboratory, Inc., Chicago	1 142 39 ²
One scaler		¹ f.o.b. Cambridge, Mass.	695 00 ¹
One detector		² f.o.b. delivered	
One Beta well assembly			
6,000 dwt. type C casting gold	Crown and Bridge Partial Den- ture Clinic	Handy & Harmon, Chicago	9 900 00 f.o.b. delivered
50,000 acetazolamide tablets, 250 mg.	Hospital Pharmacy, Chicago	Humiston-Keeling Co., Chicago	2 580 00 delivered
Photo copy machine, Haloid Xerox	Medicine	Haloid Xerox, Inc., Rochester, N.Y.	4 910 00 f.o.b. Rochester, N.Y.
One two-channel electrocardiograph with preamplifier and accessories	Pediatrics	Sanborn Co., Waltham, Mass.	2 880 05 delivered
Repairs and improvements to one Beta-tron, including repair or replacement of wafer, modernization of circuitry, sealed electron beam tube, and the possible replacement of the poles	Radiology, College of Medicine	Allis-Chalmers Manufacturing Co., Betatron Division, Milwaukee, Wis.	17 848 00 (parts, f.o.b. Milwaukee, Wis.)
For Snack Bar in Men's Residence Halls: 200 chairs 50 table tops 50 table bases	Housing Division, Men's Resi- dence Halls	Rochelle's, Inc., Chicago	8 440 00 f.o.b. Urbana
One detachable container, 30 cubic yard capacity, for use with the huge haul refuse disposal equipment	Housing Division	Coleman & Associates, Rockford	2 943 00 f.o.b. Urbana
Carpeting and pads installed in fourteen guest rooms and fourth floor corridor of the Illini Union Building	Illini Union	Robeson's, Inc., Champaign	9 281 95 f.o.b. installed
Mimeograph paper as follows: 2,500 reams white, 8½ x 11 — 5 lb. L.G., wrapped 308 reams assorted colors, 22 x 34, No. 4 sulphite bond 36 reams assorted colors, 24 x 38, No. 4 sulphite bond	Office Supply Stores	J. W. Butler Paper Co., Chicago	3 990 23 f.o.b. delivered
410,000 envelopes, Brown Kraft clasp, catalogue and coin various sizes and weights	Office Supply Stores	Moser Paper Co., Chicago	3 565 15 f.o.b. delivered
Paper cups, cold drink, 5 oz., 7 oz., 14 oz., 16 oz., 20 oz.; ice cream dish, paper, 7 oz., 8 oz.	Office Supply Stores	Bush Bros., Inc., Champaign	4 492 83 f.o.b. Urbana
One Peterson model 16-C-60 continuous double head 16 mm. contact printer, less trade-in of one Depue single head 16 mm. contact printer	Photography	Motion Picture Printing Equipment Co., Skokie	10 020 00 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Miscellaneous Kodak photographic films and papers as required by various departments during the period July 1, 1959, through June 30, 1960	All Urbana departments	Watland, Incorporated, Chicago	\$11 386 91 f.o.b. destination
Toilet tissue and paper towel requirements for Urbana and Chicago departments for the period August 1, 1959, through June 30, 1960; estimated quantities: 3,520 cases paper towels; 1,525 cases toilet tissue	Physical Plant	Randolph Paper Co., Chicago	25 584 32 f.o.b. delivered
Seven trainer airplanes, two-place, less trade-in of seven Aeronca airplanes	Institute of Aviation	Champion Aircraft Corp., Osceola, Wis.	35 144 69 f.o.b. Osceola, Wis.
Nine sedans, four-door	Physical Plant and Physics	University Ford Sales, Champaign	5 169 76
One station wagon, four-door		Eight sedans, one station wagon	
One pick-up truck, ½ ton capacity		Lawder Bros., Inc., Chicago (Ford)	1 258 04
One truck, platform-stake, dumping, 1 ½ ton capacity		One sedan, one station wagon	
		Courtesy Motor Sales, Chicago (Ford)	263 00
		One pick-up truck	
		International Harvester Co., Springfield	3 222 94
		One truck, 1 ½ ton	

(net costs)
All prices include delivery

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

REPORTS OF COMMITTEES

The Board proceeded to consider the following reports and recommendations from its standing committees.

INVESTMENT OF ASSEMBLY HALL INTEREST RESERVE ACCOUNT

Mr. Swain, for the Finance Committee, presented the following:

The Assembly Hall Revenue Bond Resolution, approved June 23, provides that funds in the Interest Reserve Account may be invested in United States Government securities maturing not more than three years from the date of purchase. Through oversight, authority to make these investments was not given to the Comptroller.

The proceeds from the sale of bonds were received on July 16 and the applicable portion was deposited in the Interest Reserve Fund. In order not to lose interest, the Comptroller invested these funds and confirmation of this action is requested. The Finance Committee also recommends that authority be granted to the Vice-President and Comptroller to purchase and sell United States Government securities with maturities not more than three years after the date of purchase, as investments of the Interest Reserve Account of the Assembly Hall Revenue Bond Fund, and that the Sears Bank and Trust Company, the depository of this fund, be authorized to accept orders of the Vice-President and Comptroller to purchase and sell such securities.

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

INVESTMENTS

Mr. Swain, for the Finance Committee, presented the following report of changes in investments of trust funds for the period from March 12 through June 30, 1959:

URBANA-CHAMPAIGN

Endowment Funds — General

Sale			
2 shares	Standard Oil Company of New Jersey	\$	105 96
Exchange			
\$ 10 000	U.S. Treasury Certificates	2½ per cent	2/14/59 for
10 000	U.S. Treasury Notes	4 per cent	2/15/62
4 000	U.S. Treasury Certificates	1¼ per cent	5/15/59 for
4 000	U.S. Treasury Certificates	4 per cent	5/15/60

Purchase					
\$ 19 000	U.S. Treasury Bonds	2¾ per cent	6/15/62-59	\$ 18 133 13	
17 000	U.S. Treasury Bonds	3 per cent	2/15/64	16 245 63	
13 000	U.S. Treasury Bonds	3 per cent	2/15/64	12 264 69	
1 000	U.S. Treasury Bills		4/15/60	967 81	
500	U.S. Treasury Bonds	2¾ per cent	9/15/61	487 03	
1 000	U.S. Treasury Notes	1½ per cent	4/1/62	932 50	
1 000	U.S. Treasury Notes	4 per cent	5/15/63	996 25	
1 000	U.S. Treasury Notes	1½ per cent	4/1/64	882 50	
1 000	U.S. Treasury Bonds	2¾ per cent	2/15/65	916 25	

Current Funds

Exchange					
\$504 000	U.S. Treasury Certificates	1¼ per cent	5/15/59 for		
504 000	U.S. Treasury Certificates	4 per cent	5/15/60		

Loan Funds

Sale					
100 shares	Safeway Stores, Inc., common stock			\$ 3 756 40	

G. A. Miller Endowment

Sale					
700 shares	Maryland Casualty Company common stock			\$ 28 076 26	
Purchase					
500 shares	Bethlehem Steel Corporation common stock			\$ 26 408 70	

CHICAGO

Navy Pier Escrow

Exchange					
\$145 000	U.S. Treasury Notes	1⅞ per cent	2/15/59 for		
145 000	U.S. Treasury Certificates	3¾ per cent	2/15/60		

Report of the Comptroller

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

URBANA-CHAMPAIGN

Men's Residence Hall Revenue Bond Fund of 1956

(Authorized by Board of Trustees resolutions dated March 23, 1956, minutes page 982, and September 18, 1956, minutes page 49)

Purchase					
\$113 000	U.S. Treasury Bills		4/9/59	\$112 752 81	
113 000	U.S. Treasury Bills		5/7/59	112 799 61	
113 000	U.S. Treasury Bills		7/9/59	112 446 30	

Women's Residence Hall Revenue Bond Fund of 1956

(Authorized by Board of Trustees resolution dated September 18, 1956, minutes page 52)

Sale					
\$ 3 000	U.S. Treasury Bills		4/23/59	\$ 2 995 09	
Purchase					
\$ 61 000	U.S. Treasury Bills		4/23/59	\$ 60 900 20	
58 000	U.S. Treasury Bills		6/25/59	57 710 73	
42 000	U.S. Treasury Bills		7/23/59	41 911 80	

Men's Residence Hall Revenue Bond Fund of 1957

(Authorized by Board of Trustees resolution dated March 12, 1957, minutes page 334)

Purchase					
\$115 000	U.S. Treasury Bills		4/23/59	\$114 825 58	
115 000	U.S. Treasury Bills		6/25/59	114 426 44	
91 000	U.S. Treasury Bills		9/3/59	90 462 09	

CHICAGO

Dentistry-Medicine-Pharmacy Building Revenue Bonds — Auxiliary

(Authorized by Board of Trustees resolution dated December 16, 1953, minutes page 1191)

Purchase

\$120 000 U.S. Treasury Bills

8/6/59

\$119 109 60

This report was received for record.

AUGUST, SEPTEMBER, AND OCTOBER BOARD MEETINGS

It was the consensus of the Board that no regular meeting be scheduled in August, and the President therefore ordered it be omitted.

On motion of Mrs. Watkins, the Board voted to hold its September meeting in Urbana, Illinois, on Wednesday, September 16, 1959, at an hour and place to be determined by the President and Secretary of the Board.

On motion of Mr. Swain, the Board voted to hold its October meeting in Peoria, Illinois, on Wednesday, October 21, 1959, at an hour and 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 requested and ordered for consideration of the following items of business.

PURCHASE OF PROPERTY AT 805 WEST PENNSYLVANIA AVENUE, URBANA

(33) The Committee on Buildings and Grounds has approved the purchase of the property at 805 West Pennsylvania Avenue, Urbana, at a price of \$85,000. The property consists of a lot 120 feet wide, 140 feet deep, and a three-story and basement masonry (stone and brick) building, which was built as a sorority house, later was occupied by a fraternity, and at one time was owned by the University. It is proposed to assign the building to the College of Education for its elementary education program. When a new building is constructed for the College, the building can be remodeled for student housing.

This property was purchased by the University at a price of \$57,500 for use as a temporary research laboratory by the College of Veterinary Medicine since no state appropriation had been made at that time for a building for the new College.

The property was sold by the University to the Sigma Alpha Mu fraternity in 1951 for \$80,000. The fraternity is negotiating for the acquisition of another house and has offered to sell its property to the University at the price indicated above, which is within the appraisals, ranging from \$85,000 to \$87,500, received by the University.

It was anticipated that funds for this property acquisition would be available in the state capital appropriations to the University for the year 1959-61. These appropriations have been made, but the funds are subject to release by the Governor who has announced that no releases of capital appropriations will be approved prior to January, 1960, and then only if the State's revenue situation is favorable.

Since state funds are not immediately available, the University of Illinois Foundation has been requested, and has agreed, to purchase the property and lease it to the University for a rental adequate to reimburse the Foundation for the costs involved (interest on the funds to be borrowed, plus expenses incidental thereto). When state funds are available, the University will purchase the property from the Foundation.

The Director of the Physical Plant, the Vice-President and Comptroller, and the Vice-President and Provost recommend approval of this interim plan for the acquisition of the property and assignment of funds as follows:

From the General Reserve, nonrecurring, for alterations in the building to make it suitable for use by the College of Education (\$26,000) and for the first year's rent, or so much thereof as may be necessary (\$4,000).....\$30 000
 Addition to operating budget of the Physical Plant Department for operation and maintenance of the building.....\$ 9 400
 I concur.

On motion of Mr. Johnston, this recommendation was approved, and the requested assignments of funds were made by the following vote: Aye, Mr. Clement, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Stratton.

LEASE OF PROPERTY AT 807 SOUTH LINCOLN AVENUE, URBANA

(34) The Buildings and Grounds Committee of the Board of Trustees recommends that the building at 807 South Lincoln Avenue, Urbana, be leased by the University for use by the Department of Art. This building is now leased by the Jewel Tea Company which plans to vacate it in the near future.

The rental is \$550 per month and the University would assume the cost of utilities, interior maintenance, janitor service, and any needed alterations for University use. Since the owner requests a five-year lease, the Board of Directors of the Foundation has agreed to enter into such a lease and sublease the property to the University for biennial periods.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that the lease and sublease be authorized by the Board of Trustees, and that assignments of funds be made as follows:

From the General Reserve, nonrecurring, for remodeling.....\$ 9 500
 Addition to the operating budget of the Physical Plant Department for the annual rental (\$6,600) and operation and maintenance costs (\$4,000)..... 10 600
 I concur.

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

LEASE OF UNIVERSITY PROPERTY ADJOINING STUDENT SERVICES BUILDING SITE

(35) The University's long-range program of land acquisition contemplates purchase of the property at 710 South Sixth Street, Champaign, for future campus expansion. Funds are not currently available so that this purchase will be deferred for a number of years.

Mr. Joseph A. Buttitta, owner, had contemplated substantial improvements on his property (a two-story, stone front, and an adjoining one-story, brick front building in which he operates a shoe store and shoe repair shop), but in view of the University's plans to acquire the land he is willing to sell, lease, or enter into an agreement with the University which would enable him to make temporary improvements involving a minor investment with a planned date for University acquisition.

The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of negotiations and the execution of an agreement with the owner which would provide for the following:

1. Mr. Buttitta would retain possession of his present property at least until July, 1964.
2. If he finds an alternate location for his business prior to that date, the University will consider purchase of his property subject to negotiations as to price and availability of funds. (Any investment he makes for property improvements in the interim would probably be liquidated within the period.)

3. He will renovate his store front and do some remodeling in the rear of the property, but to complete this at a minimum cost it will be necessary to construct a minor addition which would cross a portion of University land, approximately 25 square feet, at the northwest corner of the lot at 610 East John Street, Champaign, which adjoins the rear of his property. He has requested that the University sell, lease, or give him an easement across this small area until the University acquires his property.

Since the University does not use this small area and Mr. Buttitta has agreed not to proceed with the substantial improvements he originally contemplated, it is recommended the University lease this 25 square feet to Mr. Buttitta for a period of five years from July 1, 1959, for one dollar and other good and valuable considerations.

I concur.

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

ACQUISITION AND SALE OF PROPERTY IN LA SALLE COUNTY

(36) The University owns 640 acres of farm land in La Salle County acquired in 1955 as an outright gift from Miss Laura M. Weber of La Grange Park, Illinois, for the benefit of the College of Agriculture.

Two eighty-acre tracts of farm land in Hope Township, La Salle County, have been placed on the market for public auction on July 30. One is described as the "West Half of the Southwest Quarter of Section 10 in Township 31 North, Range 1 East of the 3rd P.M., Hope Township, La Salle County, Illinois, commonly known as the Isaac Hiltabrand farm"; the other is described as the "East Half of the Southwest Quarter of Section 10 in Township 31 North, Range 1 East of the 3rd P.M., Hope Township, La Salle County, Illinois, commonly known as the Maude G. Hiltabrand farm." These two tracts are adjacent to the main tract of four hundred acres of the Weber Farm in Richland Township. A part of the Weber Farm holdings of the University is an eighty-acre tract approximately six miles from the main tract. The Dean of the College of Agriculture and Director of the Agricultural Experiment Station recommends the University attempt to acquire either or both of the eighty-acre tracts in Hope Township and sell the outlying eighty-acre tract presently owned. Accordingly, the Vice-President and Comptroller recommends that:

1. The Board of Trustees authorize University representatives to submit bids on July 30, 1959, at the auction sale for either or both of the two eighty-acre tracts in Hope Township to be sold;
2. If the University is successful in acquiring this land at auction, the Comptroller be authorized to pay for it from funds in the Endowment Pool Account and to transfer sufficient amounts of government securities from endowment pool funds to current trust funds to provide sufficient cash in the endowment pool for this purchase; and that
3. If the land in Hope Township is acquired, the Comptroller and the Chairman of the Board of Trustees Committee on Agriculture be authorized to negotiate for the sale of the eighty acres presently owned by the University but separated from the main Weber Farm tract.

The terms of Miss Weber's deed of gift will permit this transaction as long as the net profits of any sale of the farm lands she gave the University are used by the University in such manner as will benefit its College of Agriculture or be helpful to its activities.

On motion of Mr. Hughes, the Board voted to approve the foregoing recommendations, provided purchase price of the property to be acquired is not in excess of 20 per cent of the appraised value.

On motion of Mr. Pogue, the Comptroller was authorized to take the necessary steps, subject to approval of the Chairman of the Board of Trustees Committee on Agriculture, to implement the acquisition and sale recommended.

These actions were taken by the following vote: Aye, Mr. Clement, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Stratton.

RECOMMENDATIONS OF THE UNIVERSITY PATENT COMMITTEE

(37) 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. Intermittent motion clutch—Associate Professor Roy B. Perkins, Head of the Department of Mechanical Engineering, Chicago Undergraduate Division, inventor. This device is for slowing and/or stopping and/or reversing the driven shaft during part of each of the revolutions of the driving shaft. It transmits motion in such a way that power may be transmitted only if the angular velocities of the driven and driving shafts are in the same direction.

The Committee requested an opinion on this invention from Professor N. A. Parker, Head of the Department of Mechanical Engineering at Urbana, and Dr. E. I. Radzimovsky, a member of the Machine Design Division of that Department. It is the opinion of these individuals that the machine may have some merit for transferring motion but only when negligible power is applied. They also state that the novelty of the design may be doubtful. For these reasons the Committee is of the opinion that the commercial value of the invention is doubtful and recommends that the invention be released to the inventor.

2. Amides of phthalic acid possessing parasympathomimetic properties—L. G. Abood, Associate Professor of Psychiatry, Chicago Professional Colleges, inventor. These substances are similar in their pharmacological action to nicotine and acetylcholine, although considerably less potent. They were developed because it was desirable to make compounds which will mimic the action of acetylcholine and act specifically on the central nervous system.

It is the opinion of Dr. Francis J. Gerty, Professor and Head of the Department of Psychiatry, that this idea has very doubtful commercial value. It appears that large sums of money and considerable research effort would be required to develop this invention to the point where it would be useful. Accordingly, the Committee recommends that this invention be released to the inventor.

3. Inhibition of tiller development in corn by potassium gibberellate—Harvey Allen Lund (deceased), Assistant Professor of Agronomy, Ernest Benton Earley, Professor of Agronomy, and Joe Howard Cherry, Assistant in Agronomy, inventors. This idea relates to the application of potassium gibberellate to seedlings of hybrid seed corn. Tiller (sucker) formation was significantly inhibited by this spray. A study of the results of the investigation also disclosed that the amount of grain obtained was diminished from each corn plant by the application of this chemical.

This research, carried on by members of the staff of the Department of Agronomy, was financed in part by the Commercial Solvents Corporation. The contract providing for this support states that the sponsoring agency upon payment of all costs of obtaining a patent shall be granted a royalty-free non-exclusive license while the University may charge other licensees an amount that is fair to the public, University, and sponsor. The Commercial Solvents Corporation has indicated an interest in obtaining a patent under these conditions. Accordingly, the Committee recommends that this corporation be authorized to apply for such a patent if that be its decision and that otherwise the invention be released to the inventors since it is the opinion of the Committee that it has doubtful commercial value.

4. Log periodic dipole arrays—D. E. Isbell, Staff Member, Antenna Research Laboratory, inventor. These antennas provide unidirectional radiation patterns of constant input impedances over any desired bandwidth. The antenna configuration is simple, permitting practical methods of fabrication, and the design should prove useful in many applications. It makes possible the construction of "all wave" rotatable beams of very low cross section for use in the HF to UHF spectrum.

The Committee concurred in the opinion of the Head of the Department of Electrical Engineering that this invention holds a likelihood of commercial possibility. Therefore, it recommends that the invention be released to the University

of Illinois Foundation for study and application for a patent if such application seems justifiable, with recognition of the contractual obligations of the University to the United States Air Force. However, this transfer is to be with the condition that if the Foundation finds that it has no interest in obtaining such a patent that the invention be released to the inventor by the Foundation with full recognition of the contractual obligations of the University to the Air Force or if the inventor does not wish the invention, all rights of the University and the Foundation be transferred to the Air Force.

I concur in these recommendations.

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

STATE LEGISLATION AFFECTING THE UNIVERSITY OF ILLINOIS

The Secretary presented for the information of the Board a list of the Acts of the Seventy-first General Assembly of Illinois in its regular session of 1959 directly affecting the University, including the appropriations to the University, and a copy of this list has been filed with his records.

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.)

ABDULLAH, MOHAMMAD, Research Assistant in Entomology, one month from June 1, 1959, \$400 (6-10-59).

ABRAHAM, CLAUDE K., Instructor in French, academic year beginning September 1, 1959, \$5400 (6-15-59).

ADAMS, JACK A., Associate Professor of Psychology, two months from June 16, 1959, \$933.33 a month; this is in addition to his present appointment (7-2-59).

ADAMS, MARY J. N., Research Assistant in Bacteriology, two months from June 16, 1959, \$420 a month (7-2-59).

AGGARWAL, ARJUN P., Assistant in Land Economics (Agricultural Economics) (S), two months from July 1, 1959, \$888.88 (7-2-59).

AKIN, CAVIT, Assistant in Food Technology (S), three months from June 1, 1959, \$366.66 a month, supersedes (6-25-59).

APOSTAL, ROBERT A., Research Associate in Education, June 22-August 31, 1959, \$1500 (7-2-59).

BADER, ROBERT S., Research Assistant Professor of Zoology, two months from June 16, 1959, \$712 a month; this is in addition to his present appointment (7-2-59).

BALLUFFI, ROBERT W., Associate Professor of Physical Metallurgy (Physics) (C), two months from June 16, 1959, \$922.22 a month; this is in addition to his present appointment (6-18-59).

BARTHEL, HAROLD O., Research Assistant Professor of Aeronautical Engineering (C), two months from June 16, 1959, \$1688.88; this is in addition to his present appointment (6-24-59).

BEAN, CALVERT, JR., Instructor in Music, $\frac{1}{2}$ time, academic year beginning September 1, 1959, \$2700 (6-8-59).

BELFORD, R. LINN, Assistant Professor of Physical Chemistry (Aeronautical Engineering) (C), two months from June 16, 1959, \$1377.78; this is in addition to his present appointment (6-24-59).

BERNAUER, EDMUND M., Instructor in Physical Education for Men (College of Physical Education and Summer Session of 1959), June 15-August 9, 1959, $\frac{3}{4}$ time, \$734 for the period, supersedes (6-24-59).

BLACKMER, ROY H., JR., Research Associate in the State Water Survey, two months from July 1, 1959, \$675 a month (6-10-59).

BLYTH, COLIN R., Associate Professor of Mathematics, $\frac{1}{2}$ time, two months from June 16, 1959, \$888.88; and in the Summer Session of 1959, $\frac{1}{2}$ time, June 15-August 8, 1959, \$889, supersedes previous Summer Session appointment (6-25-59).

- BOGART, HERBERT, Assistant in English, nine months from September 16, 1959, \$4000 (6-15-59).
- BORESI, ARTHUR P., Associate Professor of Theoretical and Applied Mechanics (C), two months from June 16, 1959, \$1780; this is in addition to his present appointment (6-18-59).
- BROWN, THEODORE L., Research Assistant Professor of Inorganic Chemistry, two months from June 16, 1959, \$1378; this is in addition to his present appointment (6-25-59).
- BRUCKNER, WALTER H., Professor of Metallurgical Engineering (C), two months from June 16, 1959, \$1944.44; this is in addition to his present appointment (6-18-59).
- BULLOCK, JAMES W., Research Associate in the State Water Survey, one year from July 1, 1959, \$7500 (6-10-59).
- BURKHOLDER, DONALD L., Research Assistant Professor of Mathematics, two months from June 16, 1959, \$1555.54; this is in addition to his present appointment (6-25-59).
- CATTELL, RAYMOND B., Research Professor of Psychology, June 16-July 31 and September 1-15, 1959, \$2666.66; this is in addition to his present appointment (6-15-59).
- CHANG, LENA, Assistant in Mathematics, Summer Session of 1959, June 15-August 8, 1959, \$800 for the period (6-29-59).
- CHAO, BEI TSE, Professor of Mechanical Engineering (C), two months from June 16, 1959, \$2222; for the convenience of the University, he will also be provided living expenses of \$400 for the period; this is in addition to his present appointment (6-18-59).
- CHENG, HWEI-HSIEN, Assistant in Agronomy (S), two months from July 1, 1959, \$800 (6-24-59).
- CLARK, JOHN M., JR., Research Associate in Biochemistry, two months from June 16, 1959, \$1267; this is in addition to his present appointment (6-25-59).
- COATES, MARIE, Visiting Research Associate Professor of Animal Science, academic year beginning September 1, 1959, \$7500 (6-16-59).
- CORLISS, JOHN O., Research Associate Professor of Zoology, two months from June 16, 1959, \$856 a month; this is in addition to his present appointment (7-2-59).
- CORTEN, HERBERT T., Professor of Theoretical and Applied Mechanics (C), June 16-July 31, 1959, and September 1-15, 1959, \$1034 a month; this is in addition to his present appointment (6-29-59).
- CRAIG, GEORGE L., Research Assistant in the Small Homes Council, two months from June 16, 1959, \$850 (6-10-59).
- CRANE, EVERETT B., Visiting Lecturer in Music, Summer Session of 1959, June 14-July 18, 1959, \$500 for the period; for the convenience of the University, he will also be furnished board and room during the period (6-24-59).
- CROTHERS, MILTON H., Associate Professor of Electrical Engineering (C), $\frac{1}{2}$ time, two months from June 16, 1959, \$444.49 a month; this is in addition to his present appointment (6-18-59).
- DANIELS, RALPH, Associate Professor of Chemistry (Pharmacy), two months from July 1, 1959, \$900 a month; this is in addition to his present appointment (6-15-59).
- DEMARR, RALPH A., Assistant in Mathematics, Summer Session of 1959, June 15-August 8, 1959, \$800 for the period (6-29-59).
- DEMOSS, RALPH D., Associate Professor of Bacteriology, two months from June 16, 1959, \$988.89 a month; this is in addition to his present appointment (7-2-59).
- DESCHAMPS, GEORGES A., Professor of Electrical Engineering (C), one month from June 16, 1959, \$1333.33; this is in addition to his present appointment (6-18-59).
- DIETER, OTTO A., Associate Professor of Speech, Summer Session of 1959, June 15-August 8, 1959, $\frac{1}{2}$ time, \$784 for the period; this is in addition to his present appointment (7-2-59).
- DOBROVOLNY, JERRY S., Associate Professor of General Engineering (Civil Engineering) (S), one month from July 16, 1959, \$833.33; this is in addition to his present appointment (7-2-59).
- DOLAN, THOMAS J., Professor of Theoretical and Applied Mechanics and Head of the Department (C), $\frac{1}{2}$ time, two months from June 16, 1959, \$889 a month; this is in addition to his present appointment (6-29-59).

- DOWDEN, KEITH, Visiting Lecturer in Library Science, Summer Session of 1959, June 15-August 8, 1959, \$1600 for the period (6-29-59).
- DRAGO, RUSSELL S., Assistant Professor of Chemistry, Summer Session of 1959, June 15-August 8, 1959, \$1378 for the period (6-30-59).
- DUNCAN, ESTHER, Counselor in Music, Summer Session of 1959, June 12-July 18, 1959, \$500 for the period; for the convenience of the University, she will also be furnished board and room during the period (6-24-59).
- DURKIN, MARY D., Visiting Lecturer in Education, Summer Session of 1959, June 15-August 8, 1959, \$1400 for the period, supersedes (6-29-59).
- EDSALL, JAMES V., Planning Coordinator, with rank of Assistant Professor, in the Physical Plant Department, four months from May 1, 1959, \$747.50 a month, supersedes (6-25-59).
- ELSESSER, THADDEUS M., Assistant Professor of Theoretical and Applied Mechanics, Summer Session of 1959, June 15-August 8, 1959, $\frac{3}{4}$ time, \$964 for the period, supersedes (6-29-59).
- ERIKSEN, CHARLES W., Associate Professor of Psychology, June 16-August 31, 1959, \$2333.33; this is in addition to his present appointment (6-15-59).
- ERNST, EDWARD W., Associate Professor of Electrical Engineering (C), two months from June 16, 1959, \$1,000 a month; this is in addition to his present appointment (6-18-59).
- FERGUSON, MRS. JANE, Research Assistant in the Institute for Research on Exceptional Children, two months from July 1, 1959, \$1,000 for the period (7-2-59).
- FIEDLER, FRED E., Associate Professor of Psychology, July 15-August 18, 1959, \$900 a month; this is in addition to his present appointment (7-8-59).
- FOOTE, BEVERLY V. D., Assistant in Agronomy (S), two months from June 16, 1959, \$400 a month (6-24-59).
- FRANK, EVELYN, Professor of Mathematics (Chicago Undergraduate Division), June 19-August 14, 1959, \$1867, supersedes (6-29-59).
- FUJIWARA, MIYUKI, Research Assistant in the State Water Survey, one year from July 1, 1959, \$5200 (6-10-59).
- GALLO, FRANK, Instructor in Art, academic year beginning September 1, 1959, \$5200 (6-22-59).
- GIESEKE, JAMES A., Research Assistant in Chemical Engineering Research (S), three months from June 1, 1959, \$1200 (6-29-59).
- GILLESPIE, WALTER, Research Assistant in Zoology, one month from June 16, 1959, \$400 (6-10-59).
- GLASER, DANIEL, Associate Professor of Sociology, two months from June 16, 1959, \$1688.88; this is in addition to his present appointment (6-10-59).
- GOLDSTEIN, LADISLAS, Professor of Electrical Engineering (C), one month from June 16, 1959, \$1588.88; this is in addition to his present appointment (6-18-59).
- GOTTHEIL, FREDERICK M., Assistant Professor of Economics, academic year beginning September 1, 1959, \$6500, supersedes (6-22-59).
- GRAY, STANLEY E., Instructor in French, Summer Session of 1959, June 15-August 8, 1959, \$1068 for the period, supersedes (7-8-59).
- GRIMM, FORREST C., Research Associate in Chemistry, two months from June 16, 1959, \$900, supersedes (6-22-59).
- GUILLLOU, JOHN C., Associate Professor of Hydraulic Engineering (Civil Engineering) (C), one month from June 16, 1959, \$888.89; this is in addition to his present appointment (6-18-59).
- GUTOWSKY, HERBERT S., Research Professor of Physical Chemistry, two months from June 16, 1959, \$3556; this is in addition to his present appointment (6-22-59).
- HALE, WILLIAM T., Assistant in Education (University High School), June 16-27, 1959, and August 3-September 11, 1959, \$1222.22 (6-25-59).
- HALL, B. VINCENT, Research Professor of Zoology, two months from June 16, 1959, \$2044; this is in addition to his present appointment (6-24-59).
- HANDSCOMB, DAVID C., Research Assistant in the Digital Computer Laboratory, June 16-30, 1959, \$400 a month (7-2-59).
- HANG, DANIEL F., Associate Professor of Electrical Engineering (C), two months from June 16, 1959, \$1667; for the convenience of the University, he will also be provided living expenses of \$400 for the period; this is in addition to his present appointment (6-18-59).
- HASTINGS, J. WOODLAND, Research Assistant Professor of Biochemistry, two

- months from June 16, 1959, \$1667; this is in addition to his present appointment (6-22-59).
- HECHLER, HELEN C., Assistant in Plant Pathology (S), July 1-August 31, 1960, \$4400 a year (6-29-59).
- HELLER, ALEX, Associate Professor of Mathematics, two months from June 16, 1959, \$834 a month; this is in addition to his present appointment (7-2-59).
- HODGINS, FRANCIS E., JR., Instructor in English, Summer Session of 1959, June 15-August 8, 1959, \$1200 for the period, supersedes (7-8-59).
- HOHN, FRANZ E., Associate Professor of Mathematics (University High School), two months from June 16, 1959, \$911.11 a month; this is in addition to his present appointment (7-2-59).
- HOWARTH, EDGAR, Research Associate in Psychology, one year from September 1, 1959, \$5600 (7-7-59).
- HUMPHREYS, DEVERL, Instructor in Electrical Engineering (C), $\frac{1}{2}$ time, academic year beginning September 1, 1959, \$2600 (6-8-59).
- HUMPHREYS, LLOYD G., Professor of Psychology, two months from June 16, 1959, \$2444.44; this is in addition to his present appointment (6-15-59).
- JANES, ROBERT W., Associate Professor of Sociology, one month from June 16, 1959, \$844.44; this is in addition to his present appointment (7-2-59).
- JENSEN, RUSSELL S., Assistant Professor of Theoretical and Applied Mechanics, Summer Session of 1959, June 15-August 8, 1959, $\frac{2}{3}$ time, \$949 for the period, supersedes (6-29-59).
- JOHNSON, HUNTER, Visiting Composer in Music, academic year beginning September 1, 1959, \$6525 (6-8-59).
- JOHNSON, ROBERT E., Director of University Honors Programs (Provost's Office), two months from June 16, 1959, \$3222; this is in addition to his present appointment (6-15-59).
- JONES, PAUL G., Professor of Theoretical and Applied Mechanics, Summer Session of 1959, June 15-August 8, 1959, \$2267 for the period, supersedes (6-29-59).
- KABALIN, MRS. BOJANA G., Research Assistant in the Institution for Tuberculosis Research (Chicago Professional Colleges), three months from June 1, 1959, \$6000 a year (6-15-59).
- KAPPAUF, WILLIAM E., Professor of Psychology, June 16-July 31, 1959, \$1950; this is in addition to his present appointment (6-29-59).
- KLEINER, GEORGE, Associate Professor of Economics, Summer Session of 1959, June 15-August 8, 1959, \$1889 for the period (7-1-59).
- KLOCK, PAUL W., Instructor in Electrical Engineering (C), academic year beginning September 1, 1959, \$5600 (6-8-59).
- KNOX, CARL W., Dean of Men, two years from September 1, 1959, \$12,750 a year (6-23-59).
- KOCH, CHARLES, Assistant in Mathematics, Summer Session of 1959, June 15-August 8, 1959, \$800 for the period (6-29-59).
- KRUIDENIER, FRANCIS J., Research Associate Professor of Zoology, two months from June 16, 1959, \$1667; this is in addition to his present appointment (6-15-59).
- KUPPERMANN, ARON, Research Assistant Professor of Chemistry, two months from June 16, 1959, \$667 a month; this is in addition to his present appointment (7-8-59).
- KURLAND, AARON, Instructor in Zoology, Summer Session of 1959, June 15-August 8, 1959, \$1200 for the period (6-29-59).
- LARSON, REINHOLD F., Professor of Mechanical Engineering (C), two months from June 16, 1959, \$2222; for the convenience of the University, he will also be furnished living expenses of \$400 for the period; this is in addition to his present appointment (6-18-59).
- LATHRAP, DONALD W., Instructor in Anthropology, academic year beginning September 1, 1959, \$6000 (6-15-59).
- LEE, HERBERT J., Counselor in Music, Summer Session of 1959, June 12-July 18, 1959, \$650 for the period; for the convenience of the University, he will also be furnished board and room during the period (6-24-59).
- LEHMAN, FREDERIC K., Research Associate in Anthropology, academic year beginning September 1, 1959, \$5600 (6-22-59).
- LENNOX, EDWIN S., Research Assistant Professor of Biochemistry, two months from June 16, 1959, \$2223; this is in addition to his present appointment (6-22-59).

- LIEM, KAREL F. K., Assistant in Zoology, second semester of 1958-59, February 1-June 15, 1959, without salary (7-8-59).
- MARCHERTAS, ALGIRDAS H., Instructor in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, academic year beginning September 1, 1959, \$2600 (6-22-59).
- MARTIN, CLIFFORD K., Assistant in Agronomy (S), June 15-August 31, 1959, \$383.33 a month, supersedes (6-24-59).
- MARTIN, DEAN F., Instructor in Inorganic Chemistry, academic year beginning September 1, 1959, \$6000 (6-15-59).
- MASUMI, TAIZO, Research Associate in Physics (C), $\frac{1}{2}$ time, eleven months from October 1, 1959, \$3250 a year (6-10-59).
- MCLEMORE, B. H., Research Assistant in Mathematics, two months from June 16, 1959, \$800 (6-25-59).
- METZGER, MARVIN, Associate Professor of Physical Metallurgy (Mining and Metallurgical Engineering) (C), two months from June 16, 1959, \$1777.76; this is in addition to his present appointment (6-18-59).
- MILES, JOHN C., Professor of Mechanical Engineering (C), two months from June 16, 1959, \$1933; this is in addition to his present appointment (6-24-59).
- MIZUKAMI, HIROSHI, Research Assistant in Botany, two months from June 16, 1959, \$400 a month (7-2-59).
- MOENCH, LAUREL, Assistant in Education (University High School), two months from June 16, 1959, \$400 a month (7-2-59).
- MOLL, ALBERT J., Research Assistant in Chemical Engineering Research (S), three months from June 1, 1959, \$1275 (6-29-59).
- MUELLER, EUGENE A., Research Associate in the State Water Survey, one year from July 1, 1959, \$9300 (6-10-59).
- NANNEY, DAVID L., Research Professor of Zoology, two months from July 1, 1959, \$1200 a month (7-8-59).
- NEISWANGER, WILLIAM A., Research Professor of Economics, two months from June 16, 1959, \$2666.68 for the period; this is in addition to his present appointment (6-18-59).
- NOWICKI, NORBERT J., Instructor in Ophthalmology (Medicine), $\frac{85}{100}$ time, one year from July 1, 1959, \$5400 (7-8-59).
- OPPENHEIM, JOSEPH, Research Assistant in Mathematics, July 1-September 15, 1959, \$400 a month, supersedes (7-2-59).
- PAYNE, JOBE L., Assistant in Health and Safety Education (College of Physical Education), nine months from September 16, 1959, \$4900 (6-11-59).
- PEASLEY, MELVIN L., Assistant in Agronomy (S), June 19-August 31, 1959, \$400 a month (7-2-59).
- PETERSON, RUTH, Counselor in Music, Summer Session of 1959, June 15-July 18, 1959, \$400 for the period; for the convenience of the University, she will also be furnished board and room during the period (6-24-59).
- PFLUGER, CLARENCE E., Instructor in Analytical Chemistry, academic year beginning September 1, 1959, \$6000 (6-15-59).
- PIPER, THERON S., Research Associate in Inorganic Chemistry, two months from June 16, 1959, \$1356; this is in addition to his present appointment (6-25-59).
- POTTLE, CHRISTOPHER, Instructor in Electrical Engineering (C), $\frac{1}{2}$ time, academic year beginning September 1, 1959, \$2400 (6-8-59).
- POWELL, JOHN T., Instructor in Physical Education for Men, $\frac{3}{4}$ time, academic year beginning September 1, 1959, \$4500 (6-10-59).
- RIGGIN, GLEN, Visiting Lecturer in Music, Summer Session of 1958-59, one month from June 18, 1959, \$350 for the period; for the convenience of the University, he will also receive board and room during this period (6-11-59).
- ROBERT, LESLIE, Research Associate in Biological Chemistry (Medicine), July 1, 1959-August 31, 1960, \$6800 a year (6-15-59).
- RODGERS, FELIX C., Research Assistant in the Bureau of Community Planning, one month from June 16, 1959, \$400 (6-15-59).
- ROSE, S. MERYL, Research Professor of Zoology, two months from June 16, 1959, \$2156; this is in addition to his present appointment (6-15-59).
- ROSTAS, MRS. JOELLE, Research Assistant in Aeronautical Engineering (C), two months from June 16, 1959, \$844.44 (6-24-59).
- RUPPRECHT, EVELYN, Research Assistant in the Institute for Research on Exceptional Children, two months from July 1, 1959, \$1000 for the period (7-2-59).
- RUTTER, WILLIAM J., Research Assistant Professor of Biochemistry, June 16-July 31, 1959, \$1500; this is in addition to his present appointment (6-25-59).

- SAGERS, RICHARD D., Research Associate in Chemistry, three months from June 16, 1959, \$666.67 a month (7-2-59).
- SARIOGLU, M. K., Visiting Assistant Professor of Electrical Engineering, Summer Session of 1959, June 15-August 8, 1959, \$1245 for the period, supersedes (6-24-59).
- SCHAFFNER, JOSEPH C., Research Assistant in Entomology, two months from July 1, 1959, \$800 (6-10-59).
- SCHIEER, IVAN H., Research Associate in Psychology, one month from August 1, 1959, \$550 (7-2-59).
- SCHWALBE, PAULINE S., Assistant Professor of German, 64/100 time, two months from June 16, 1959, \$800; this is in addition to her present appointment (6-29-59).
- SELANDER, RICHARD B., Assistant Professor of Entomology, June 16-August 31, 1959, \$1666.67; this is in addition to his present appointment (6-25-59).
- SHANER, GEORGE D., Instructor in Art, academic year beginning September 1, 1959, \$5200 (6-22-59).
- SHAO, TZU-SIEN, Research Assistant in Aeronautical Engineering (C), June 16-August 31, 1959, \$1055.55 (6-18-59).
- SHAW, ROGER W., Research Associate in Physics (C), two months from June 16, 1959, \$566.67 a month; and for one year from September 1, 1959, \$6800 (6-22-59).
- SILAS, DAVID E., Instructor in German, academic year beginning September 1, 1959, \$5500 (6-15-59).
- SINGH, RAJINDER, Research Assistant in Mathematics, August 16-August 31, 1959, \$200 (7-8-59).
- SMITH, ROBERT B., Instructor in Music, $\frac{1}{2}$ time, and in Home Economics, $\frac{1}{2}$ time, academic year beginning September 1, 1959, \$6000 (6-18-59).
- STEGGERDA, FREDERIC R., Professor of Physiology, $\frac{1}{2}$ time, two months from June 16, 1959, \$586 a month; this is in addition to his present appointment (7-6-59).
- STEIDINGER, DUANE S., Assistant in Mathematics, Summer Session of 1959, June 15-August 8, 1959, \$800 for the period (6-29-59).
- STILLWELL, HENRY S., Professor of Aeronautical Engineering and Head of the Department (C), $\frac{1}{2}$ time, two months from June 16, 1959, \$1666.66; this is in addition to his present appointment (6-29-59).
- STOECKEL, ALTHEA L., Research Assistant in the Illinois Historical Survey, July 1, 1959-August 15, 1959, \$600; and for nine months from September 16, 1959, \$3600 (6-10-59).
- SUCHMAN, J. RICHARD, Assistant Professor of Education, Summer Session of 1959, $\frac{1}{2}$ time, June 15-August 8, 1959, \$767; and in the Graduate College, $\frac{1}{2}$ time, July 1-August 31, 1959, \$767, supersedes (6-29-59).
- SUGAI, MASUO, Assistant in Food Technology (S), July 15-August 31, 1959, \$366.66 a month, supersedes (7-2-59).
- SZOKE, RONALD D., Research Assistant in Education (University High School), one year from August 1, 1959, \$6722 (7-1-59).
- TAYLOR, J. LANGDON, JR., Instructor in Physiology (Medicine), one year from September 1, 1959, \$7500 (6-15-59).
- TERRAS, VICTOR, Instructor in Russian, academic year beginning September 1, 1959, \$5500 (6-15-59).
- TIMMER, HENRY G., Research Assistant in Aeronautical Engineering (C), June 16-August 31, 1959, \$1055.55 (6-18-59).
- TORCHIA, PETER, Research Assistant in the Institute for Research on Exceptional Children, two months from July 1, 1959, \$1000 for the period (7-2-59).
- TRIANDIS, LEIGH M., Assistant Professor of Education, Summer Session of 1959, June 15-August 8, 1959, $\frac{1}{2}$ time, \$734 for the period (6-29-59).
- TROY, ALAN, Research Assistant in Mathematics, July 1-September 15, 1959, \$400 a month, supersedes (7-2-59).
- VALEK, JAMES J., Assistant in Physical Education for Men, $\frac{1}{4}$ time, nine months from September 16, 1959, \$1300; this is in addition to his appointment with the Athletic Association (6-11-59).
- VALENTINE, RAYMOND C., Research Assistant in Bacteriology, two months from June 16, 1959, \$800 (6-22-59).
- VANGOR, DONALD W., Pharmacy Resident in Hospital Pharmacy (Pharmacy), $\frac{3}{4}$ time, three months from June 1, 1959, \$205 a month; for the convenience of the University, he will also be furnished room, board, and laundry of uniforms while on duty, supersedes (6-24-59).

- WALKER, MARLENE SMITH, Assistant in English for Foreign Students, nine months from September 16, 1959, \$3800 (6-15-59).
- WATKINS, PHILLIP W., Assistant in Agronomy (S), three months from June 1, 1959, \$1200, supersedes (6-29-59).
- WEEKS, WALTER L., Associate Professor of Electrical Engineering (C), two months from June 16, 1959, \$944.44 a month; this is in addition to his present appointment (6-18-59).
- WEST, GEORGE, Research Assistant in Zoology, one month from June 1, 1959, \$416.67 (6-15-59).
- WESTON, MRS. PATRICIA G., Research Assistant in Chemistry, three months from June 1, 1959, \$400 a month (7-3-59).
- WIJSMAN, ROBERT A., Assistant Professor of Mathematics, two months from June 16, 1959, \$811.11 a month, supersedes (7-2-59).
- WILK, KENNETH E., Research Assistant in the State Water Survey, one year from July 1, 1959, \$7200 (6-10-59).
- WILSON, PAUL E., Instructor in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, academic year beginning September 1, 1959, \$2700 (6-11-59).
- WIRTH, DAVID G., JR., Research Assistant in Ceramic Engineering (S), June 15-August 31, 1959, \$440 a month (6-25-59).
- WOLD, FINN, Research Assistant Professor of Chemistry, two months from June 16, 1959, \$667 a month; this is in addition to his present appointment (7-2-59).
- WORLEY, WILL J., Associate Professor of Theoretical and Applied Mechanics (C), two months from June 16, 1959, \$823 a month; this is in addition to his present appointment (6-29-59).
- WORTH, WALTER H., Instructor in Education, Summer Session of 1959, June 15-August 8, 1959, $\frac{1}{4}$ time, \$278 for the period (6-29-59).
- WYMAN, MARVIN E., Professor of Physics and of Nuclear Engineering, Department of Physics (C), two months from June 16, 1959, \$1333.33 a month; this is in addition to his present appointment (6-18-59).
- YANCEY, THOMAS A., Research Assistant Professor of Economics, two months from June 16, 1959, \$1777.78; this is in addition to his present appointment (6-18-59).
- YELLIN, EDWARD L., Assistant in Mechanical Engineering, Summer Session of 1959, June 15-August 8, 1959, \$800 for the period (6-29-59).
- YONEYAMA, TOSHINAO, Research Assistant in Anthropology, six months from August 1, 1959, \$2400 (6-22-59).
- ZIEGLER, MARY S., Editor, with rank of Assistant Professor, in the Small Homes Council, June 22, 1959-August 31, 1961, \$7350 a year (7-2-59).

FELLOWS

(The following appointment was made by the President of the University.)

PERRY, JOHN, Kate Neal Kinley Memorial Fellow for 1959-60.

GRADUATE FELLOWS

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

- ADAMS, RUSSELL S., JR., National Science Foundation Cooperative Fellow in Agronomy, one year from September 1, 1959, \$2200 (6-10-59).
- ALFELD, WILLIAM W., Fellow in Communications, two months from June 16, 1959, \$275 (4-24-59).
- ALLEN, MERRY L., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$3600 (6-10-59).
- BARRETT, GENE, Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$4860 (6-10-59).
- BEDESEM, WILLIAM B., National Science Foundation Cooperative Fellow in Civil Engineering, nine months from September 1, 1959, \$1650 (6-10-59).
- BERTON, JOHN A., Fellow in Mathematics, two months from June 16, 1959, \$275 (4-24-59).
- BLANKENSHIP, FLOYD A., National Science Foundation Cooperative Fellow in Chemistry, one year from September 1, 1959, \$2200 (6-10-59).
- BLANKENSHIP, VORRIS J., National Science Foundation Cooperative Fellow in Economics, nine months from September 1, 1959, \$1650 (6-10-59).
- BLATT, SIDNEY J., United States Public Health Service Postdoctoral Fellow

- (Trainee) in Psychiatry (Chicago Professional Colleges), two months from July 1, 1959, \$500 a month, supersedes (7-2-59).
- BLYLER, GEORGE E., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$4020 (6-10-59).
- BRAKE, JON M., Charles Pfizer Fellow in Chemistry, two months from June 16, 1959, \$400 (6-10-59); National Science Foundation Cooperative Fellow in Chemistry, nine months from September 16, 1959, \$1650 (6-10-59).
- BURNS, RICHARD O., Upjohn Company Fellow in Microbiology, one year from June 16, 1959, \$2000 (7-8-59).
- BUTTERWORTH, MRS. CLARA M., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), two months from July 1, 1959, \$250 a month, supersedes (7-2-59).
- CAMMENG, SYDNEY T., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$4860 (6-10-59).
- CARLIN, RICHARD L., National Science Foundation Cooperative Fellow in Chemistry, one year from September 1, 1959, \$2200 (6-10-59).
- CARLOYE, JACK C., Fellow in Philosophy, two months from June 16, 1959, \$275 (4-24-59).
- CAWLEY, ROBERT G., National Science Foundation Cooperative Fellow in Physics, nine months from September 16, 1959, \$1650 (6-10-59).
- CHIU, JOHN S. Y., Fellow in Economics, two months from June 16, 1959, \$275 (4-24-59).
- CHONG, ELAINE, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), three months from July 1, 1959, \$250 a month (7-2-59).
- CLOGAN, PAUL M., Fellow in English, two months from June 16, 1959, \$275 (4-24-59).
- COOK, GLENN M., Drug and Chemical Industries Fellow in Chemistry, nine months from September 16, 1959, \$1000 (6-8-59).
- CORLEY, WILLIAM G., National Science Foundation Cooperative Fellow in Civil Engineering, nine months from September 1, 1959, \$1650 (6-10-59).
- COSTLEY, CHARLES G., Fellow in Mathematics, two months from June 16, 1959, \$275 (4-24-59).
- CRAIG, ROY R., JR., National Science Foundation Cooperative Fellow in Theoretical and Applied Mechanics, one year from September 1, 1959, \$2200 (6-10-59).
- CRANDELL, NORMAN A., Fellow in Law, June 15-August 8, 1959, \$300 (6-26-59).
- DALTON, CARL O., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$4440 (6-10-59).
- DARDEN, GERALDINE C., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$3600 (6-10-59).
- DARON, HARLOW H., Charles Pfizer Fellow in Chemistry, two months from June 16, 1959, \$445 (6-10-59).
- DELCAMP, JOYCE R., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$3600 (6-10-59).
- DENNIS, JOHN R., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$4020 (6-10-59).
- DOLNEY, EDWIN L., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$3600 (6-10-59).
- DORENKAMP, JOHN H., Fellow in English, two months from June 16, 1959, \$275 (4-24-59).
- DOWNING, JAMES R., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$4860 (6-10-59).
- ELDER, HARVEY L., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$3600 (6-10-59).
- EVERETT, BARBARA A., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$3600 (6-10-59).
- EVERETT, WILLIAM R., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$4440 (6-10-59).
- FERNELIUS, NILS C., National Science Foundation Cooperative Fellow in Physics, one year from September 16, 1959, \$2200 (6-10-59).
- FITCHEN, DOUGLAS B., National Science Foundation Cooperative Fellow in Physics, one year from September 1, 1959, \$2200 (6-10-59).
- FITZGERALD, JOHN F., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$3600 (6-10-59).

- FLETCHER, GEORGE D., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$4020 (6-10-59).
- FRAEMBS, FRANK A., Fellow in Entomology, two months from June 16, 1959, \$275 (4-24-59).
- FRANDSEN, HENRY, JR., Fellow in Mathematics, two months from June 16, 1959, \$275 (4-24-59).
- FRIESEN, VERNON E., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$4020 (6-10-59).
- FRUCHTMAN, STANLEY A., United States Public Health Service Fellow (Trainee) in Allergy (Chicago Professional Colleges), one year from September 1, 1959, \$4500 (6-17-59).
- FULLER, VIRGIE H., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$4440 (6-10-59).
- GAITHER, ROBERT B., Ford Foundation Teaching Fellow in Mechanical Engineering, nine months from September 16, 1959, \$2000 (6-16-59).
- GALE, WALTER W., Fellow in Chemistry, two months from June 16, 1959, \$275 (4-24-59).
- GALLENSTEIN, FRANK T., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$5280 (6-10-59).
- GANNS, JOSEPH L., JR., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, two months from June 16, 1959, \$500 (6-26-59).
- GARRON, DAVID C., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), two months from July 1, 1959, \$250 a month, supersedes (7-2-59).
- GARTH, JOHN C., National Science Foundation Cooperative Fellow in Physics, one year from September 16, 1959, \$2200 (6-10-59).
- GEIGER, DAVID S., Fellow in Mathematics, two months from June 16, 1959, \$275 (4-24-59).
- GENTRY, DAVID K., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, two months from June 16, 1959, \$500 (6-26-59).
- GOODIN, GEORGE V., Fellow in English, two months from June 16, 1959, \$275 (4-24-59).
- GRADY, LEE T., National Science Foundation Cooperative Fellow in Pharmaceutical Chemistry (Chicago Professional Colleges), one year from September 16, 1959, \$2200 (6-10-59).
- GRAEBER, ALICE, Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$3600 (6-10-59).
- GRATCH, GERALD, United States Public Health Service Postdoctoral Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), two months from July 1, 1959, \$300 a month, supersedes (7-2-59).
- GRIMM, CLYDE L., JR., Fellow in English, two months from June 16, 1959, \$275 (4-24-59).
- GRISSOM, LOREN V., Fellow in Education, two months from June 16, 1959, \$275 (4-24-59).
- GROTE, CHARLES N., Fellow in Education, two months from June 16, 1959, \$275 (4-24-59).
- GUBISCH, NANCY, United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), July 1-September 15, 1959, \$600 (6-29-59).
- GUFFEY, MRS. MARY E., Fellow in Business Education, two months from June 16, 1959, \$275 (4-24-59).
- GUIRE, PATRICK E., Charles Pfizer Fellow in Chemistry, two months from June 16, 1959, \$400 (6-24-59).
- GWYNN, DONALD E., National Science Foundation Cooperative Fellow in Chemistry, nine months from September 16, 1959, \$1650 (6-10-59).
- HALL, WARREN C., JR., Fellow in Economics, two months from June 16, 1959, \$275 (4-24-59).
- HALLE, MERLIN D., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$5280 (6-10-59).
- HAMRELL, BURTON, Tobacco Industry Research Committee Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, \$500 (6-24-59).
- HANKINS, DONALD D., JR., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$5280 (6-10-59).

- HARDIN, ROBERT J., Fellow in French, two months from June 16, 1959, \$275 (4-24-59).
- HARTKE, JEROME L., National Science Foundation Cooperative Fellow in Physics, one year from August 16, 1959, \$2200 (6-10-59).
- HAWLEY, JOHN W., National Science Foundation Cooperative Fellow in Geology, one year from September 1, 1959, \$2200 (6-10-59).
- HEID, KERMIT K. W., National Science Foundation Cooperative Fellow in Electrical Engineering, nine months from September 16, 1959, \$1650 (6-10-59).
- HEIER, MARY V., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$3600 (6-10-59).
- HEIGOLD, WILLIAM G., Fellow in French, two months from June 16, 1959, \$275 (4-24-59).
- HENMAN, CARL L., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$3600 (6-10-59).
- HENRY, FRED M., JR., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$4860 (6-10-59).
- HERRICK, DONALD R., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$5280 (6-10-59).
- HESS, ROBERT W., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$5280 (6-10-59).
- HIRSCH, JAY G., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one year from July 1, 1959, \$300 a month (7-2-59).
- HUHEEY, JAMES E., Fellow in Chemistry, two months from June 16, 1959, \$275 (4-24-59); National Science Foundation Cooperative Fellow in Chemistry, one year from August 16, 1959, \$2200 (6-10-59).
- HUNSAKER, NEVILLE C., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$5280 (6-10-59).
- HURST, ROBERT P., Esso Postdoctoral Fellow in Chemistry, one year from September 1, 1959, \$5500 (6-25-59).
- HUTSON, RICHARD E., Fellow in English, two months from June 16, 1959, \$275 (4-24-59).
- JEFFERSON, LOUISE M., Fellow in French, two months from June 16, 1959, \$275 (4-24-59).
- JOESTEN, MELVIN D., Fellow in Chemistry, two months from June 16, 1959, \$275 (4-24-59).
- JOHNS, GORDON M., Fellow in Accountancy, two months from June 16, 1959, \$275 (4-24-59).
- JOHNSON, CARL R., National Science Foundation Cooperative Fellow in Chemistry, one year from September 1, 1959, \$2200 (6-10-59).
- JOHNSON, DALE R., Fellow in Architecture, two months from June 16, 1959, \$275 (4-24-59).
- JOHNSON, ROBERT L., JR., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$4860 (6-10-59).
- JOLLY, RICHARD D., SR., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$4860 (6-10-59).
- JONES, ALICE J., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, two months from June 16, 1959, \$500 (6-26-59).
- JONES, ROGER S., National Science Foundation Summer Fellow, June 16-August 25, 1959, \$750, supersedes (6-29-59).
- JULIAN, JAMES W., National Science Foundation Cooperative Fellow in Psychology, one year from September 1, 1959, \$2200 (6-10-59).
- KANE, ROBERT B., Fellow in Education, two months from June 16, 1959, \$275 (4-24-59).
- KHETTRY, ARUN, Parke, Davis Fellow in Chemistry, June 16, 1959-January 31, 1960, \$1650 (6-26-59).
- KING, PETER J., Fellow in History, two months from June 16, 1959, \$275 (4-24-59).
- KLANDERMAN, BRUCE H., National Science Foundation Cooperative Fellow in Chemistry, nine months from September 16, 1959, \$1650 (6-10-59).
- KOKALIS, SOTER G., Fellow in Chemistry, two months from June 16, 1959, \$275 (4-24-59).
- KONKLIN, JACK C., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$3600 (6-10-59).

- LANE, WILLIAM E., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$5280 (6-10-59).
- LATSHAW, VIRGINIA M., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$3600 (6-10-59).
- LEHMANN, WILMA H., Fellow in Zoology, two months from June 16, 1959, \$275 (4-24-59).
- LERCH, HAROLD H., Fellow in Education, two months from June 16, 1959, \$275 (4-24-59).
- LEVY, LAWRENCE S., National Science Foundation Cooperative Fellow in Mathematics, one year from September 16, 1959, \$2200 (6-10-59).
- LINDBLAD, WILLIAM E., Fellow in English, two months from June 16, 1959, \$275 (4-24-59).
- LINDSTROM, RALPH R., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$4440 (6-10-59).
- LONG, CLIFFORD A., National Science Foundation Summer Fellow, June 16-August 23, 1959, \$750, supersedes (6-29-59).
- LOUGHNAN, FREDERICK C., Postdoctoral Fellow in Geology, nine months from September 16, 1959, \$3000, supersedes (6-15-59).
- LUNDIN, HARVEY A., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$3600 (6-10-59).
- MANUEL, LEO W., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$5280 (6-10-59).
- MARTIN, JAMES C., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$5280 (6-10-59).
- MATHEWS, WESLEY N., JR., National Science Foundation Cooperative Fellow in Physics, one year from September 16, 1959, \$2200 (6-10-59).
- MCQUEEN, WILLIAM A., Fellow in English, two months from June 16, 1959, \$275 (4-24-59).
- MEADERS, JAMES J., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$5280 (6-10-59).
- MEYER, MARSHALL D., National Science Foundation Cooperative Fellow in Metallurgy, one year from September 16, 1959, \$2200 (6-10-59).
- MICHAEL, RICHARD A., Fellow in Law, June 15-August 8, 1959, \$300 (6-26-59).
- MICHEL, LEO C., National Science Foundation Cooperative Fellow in Metallurgy, nine months from September 16, 1959, \$1650 (6-10-59).
- MILLER, AUDREY E., National Science Foundation Cooperative Fellow in Chemistry, one year from September 16, 1959, \$2200 (6-10-59).
- MINARD, RUSSELL L., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, two months from June 16, 1959, \$500 (6-26-59).
- MULLINS, VIRGINIA W., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$5280 (6-10-59).
- MYERS, NORMAN J., Fellow in Speech, two months from June 16, 1959, \$275 (4-24-59).
- NARUOKA, MASAO, Postdoctoral Fellow in Civil Engineering, nine months from September 16, 1959, \$3000, supersedes (6-15-59).
- NORDELL, WILLIAM J., National Science Foundation Cooperative Fellow in Civil Engineering, nine months from September 16, 1959, \$1650 (6-10-59).
- OPPEWAL, DONALD, Fellow in Education, two months from June 16, 1959, \$275 (4-24-59).
- PAISLEY, NANCY, Research Corporation Fellow in Chemistry, two months from June 16, 1959, \$334 (6-19-59).
- PANG, MORRIS S. Y., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$5280 (6-10-59).
- PARSONS, WALTER A., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$5280 (6-10-59).
- PEELER, DOROTHEA I., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$4020 (6-10-59).
- PETERSON, DAVID E., University Fellow in Finance, nine months from September 16, 1959, \$1500 (6-17-59).
- PIPER, VAUGHN J., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$5280 (6-10-59).
- PORTIS, THEODORE R., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$5280 (6-10-59).

- PRIELIPP, ROBERT W., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$3600 (6-10-59).
- PROBST, FRANKLIN M., National Science Foundation Cooperative Fellow in Physics, nine months from September 16, 1959, \$1650 (6-10-59).
- RAAB, JOSEPH A., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$4860 (6-10-59).
- REINECKE, JOHN A., Fellow in Business, two months from June 16, 1959, \$275 (4-24-59).
- REINHART, HELEN K., Fellow in History, two months from June 16, 1959, \$275 (4-24-59).
- RIGGS, ELLIOTT A., Fellow in Geology, two months from June 16, 1959, \$275 (4-24-59).
- RIGGS, ROBERT M., Fellow in French, two months from June 16, 1959, \$275 (4-24-59).
- RILEY, WILLIAM H., JR., Charles Pfizer Fellow in Chemistry, two months from June 16, 1959, \$400 (6-24-59).
- RIVA, RAYMOND T., Fellow in French, two months from June 16, 1959, \$275 (4-24-59).
- ROBERTS, JOHN R., Fellow in English, two months from June 16, 1959, \$275 (4-24-59).
- ROBINSON, GEORGE A., JR., Fellow in Education, two months from June 16, 1959, \$275 (4-24-59).
- ROOSSINCK, ESTHER P., Fellow in Education, two months from June 16, 1959, \$275 (4-24-59).
- ROSS, JOAN L., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$4020 (6-10-59).
- ROSS, JOHN F., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$4860 (6-10-59).
- RUBIN, SELMA L., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$3600 (6-10-59).
- SCHULZ, EDWIN T., JR., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$4400 (6-10-59).
- SCHWARTZ, SHIRLEY J., International Nickel Company Fellow in Mathematics, September 10, 1959-August 13, 1960, \$3600 (6-10-59).
- SINGH, RAJINDER, Fellow in Mathematics, two months from June 16, 1959, \$275 (4-24-59).
- SISTER MARY PHYLLIS ESSER, Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$3600 (6-10-59).
- SMITH, JOAN M., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$3600 (6-10-59).
- SMITH, SIGMUND A., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$3600 (6-10-59).
- STAFFORD, ROGER A., National Science Foundation Cooperative Fellow in Mathematics, one year from September 16, 1959, \$2200 (6-10-59).
- STEIN, NELSON, National Science Foundation Cooperative Fellow in Physics, one year from September 16, 1959, \$2200 (6-10-59).
- STEINMETZ, DONALD K., United States Department of Health, Education, and Welfare Fellow (Trainee), two months from June 16, 1959, \$500 (6-26-59).
- STEMKE, GERALD W., Charles Pfizer Fellow in Chemistry, two months from June 16, 1959, \$400 (6-29-59).
- STEPHENS, SYDNEY, JR., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$5280 (6-10-59).
- SYED, ANNA K., Fellow in Education, two months from June 16, 1959, \$275 (4-24-59).
- TANAKA, SHIGERU, Postdoctoral Fellow in Civil Engineering, two months from June 16, 1959, \$300 a month (6-9-59).
- THOMAS, MITCHELL, JR., Fellow in Physics, two months from June 16, 1959, \$275 (4-24-59).
- TURNER, FRED A., National Science Foundation Fellow in Pharmaceutical Chemistry (Chicago Professional Colleges), one year from October 1, 1959, \$2200 (6-10-59).
- VALENTINE, JOSEPH E., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$4860 (6-10-59).

- VAN AUKEN, THOMAS, Lubrizol Foundation Fellow in Chemistry, nine months from September 16, 1959, \$2000 (6-9-59).
- VERDEYEN, JOSEPH T., Bendix Aviation Corporation Teaching Fellow in Electrical Engineering, nine months from September 16, 1959, \$3000 (6-19-59).
- WAGERS, PARK, United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), July 1-September 15, 1959, \$600 (6-29-59).
- WAKSTEIN, ALLEN M., Fellow in History, two months from June 16, 1959, \$275 (4-24-59).
- WENZEL, JOSEPH W., Fellow in Speech, two months from June 16, 1959, \$275 (4-24-59).
- WHITLATCH, ROBERT C., Fellow in Speech, two months from June 16, 1959, \$275 (4-24-59).
- WILLIAMS, JOHN E., National Science Foundation Cooperative Fellow in Zoology, one year from September 1, 1959, \$2200 (6-10-59).
- WILSON, HOWARD L., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$3600 (6-10-59).
- WOLBERT, RITA M., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$3600 (6-10-59).
- WOLFE, JAMES E., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, two months from June 16, 1959, \$500 (6-26-59).
- WOLFORD, BEVERLEY K., Fellow in Music, two months from June 16, 1959, \$275 (4-24-59).
- WOLOSHIN, ARTHUR A., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), nine months from July 1, 1959, \$300 a month (7-2-59).
- WONG, RUTH E. M., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$440 (6-10-59).
- WRIGHT, ROBERT E., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, two months from June 16, 1959, \$500 (6-26-59).
- YARRINGTON, EUGENE N., JR., Fellow in English, two months from June 16, 1959, \$275 (4-24-59).
- ZAHNER, JOHN C., National Science Foundation Cooperative Fellow in Chemical Engineering, one year from August 16, 1959, \$2200 (6-10-59).

RESIGNATIONS AND DECLINATIONS

- ADACHI, CHIZUKO, Research Assistant in Psychiatry (Medicine) — resignation effective July 4, 1959.
- ADAMS, MAUD, Assistant Professor of Nursing — resignation effective July 22, 1959.
- ALLEY, ETHEL H., Fellow in Spanish — resignation effective September 16, 1959.
- BERG, ERIC R., Assistant Professor of Agricultural Economics — resignation effective July 27, 1959.
- BIRGE, WESLEY J., Assistant Professor of Zoology (Summer Session of 1959) — resignation effective June 15, 1959.
- BLACKMER, ROY H., JR., Research Associate in the State Water Survey — resignation effective July 29, 1959.
- BONSIGNORE, PATRICK V., Research Associate in Chemistry — resignation effective July 1, 1959.
- BUCHMAN, AUDREY, Research Assistant in the Institute for Research on Exceptional Children — resignation effective June 30, 1959.
- CHO, KANG OK, Samuel Higy Camp Foundation Fellow in the Chicago Professional Colleges — declination effective July 1, 1959.
- COATES, MARIE, Visiting Research Associate Professor of Animal Science — declination effective September 1, 1959.
- COOK, LEONARD M., Edward Orton, Jr. Foundation Fellow in Ceramic Engineering — declination effective September 16, 1959.
- COREY, ELIAS J., Professor of Organic Chemistry — resignation effective September 1, 1959.
- CZARNECKI, BARBARA, Research Assistant in Biological Chemistry (Medicine) — resignation effective July 23, 1959.
- DAVIS, GERALD D., Instructor in Mechanical Engineering (Summer Session of 1959) — resignation effective June 15, 1959.

- DE WIT, ROLAND, Research Associate in Physics — resignation effective June 25, 1959.
- DUBERG, JOHN E., Professor of Civil Engineering — resignation effective July 9, 1959.
- DUFF, DONNA J., Assistant Reference Librarian, with rank of Instructor (Chicago Undergraduate Division) — resignation effective September 1, 1959.
- FARRAR, NORMA E., Head Resident, Allen Hall (South) — resignation effective July 1, 1959.
- FRANK, EVELYN, Professor of Mathematics (Chicago Undergraduate Division) — resignation effective June 19, 1959.
- GALANOS, DEMETRIOS S., Research Associate in Chemistry — resignation effective May 1, 1959.
- GEORGIU, GEORGE T., Physician in the Health Service (Chicago Professional Colleges) — resignation effective July 14, 1959.
- GRAFFAM, SHIRLEY R., Instructor in Nursing — resignation effective October 19, 1959.
- HOLSCHNEIDER, JOHANNES P., Fellow in Architecture — resignation effective September 16, 1959.
- INGMARSSON, JON, Fellow in Law — declination effective September 16, 1959.
- JACKSON, JEANNE M., Assistant in Home Economics — resignation effective June 16, 1959.
- JESSEN, RONALD C., Instructor in Pathology (Medicine) — resignation effective July 1, 1959.
- KAPLAN, MARVIN, Tobacco Industry Research Committee Fellow (Chicago Professional Colleges) — resignation effective July 1, 1959.
- KEAN, JEREMIAH H. B., JR., Ford Foundation Fellow (Trainee) in Mechanical Engineering — resignation effective September 16, 1959.
- KING, CHARLES E., Assistant Professor of Architecture — resignation effective September 1, 1959.
- LAGE, GUSTAVO A., Psychiatric Consultant in the Health Service (Chicago Professional Colleges) — resignation effective August 1, 1959.
- LEDNICER, DANIEL, Postdoctoral Fellow in Chemistry — resignation effective August 1, 1959.
- LERCH, HAROLD H., Fellow in Education — declination effective June 16, 1959.
- LURIA, SALVADOR E., Professor of Bacteriology — resignation effective September 1, 1959.
- MACFADYEN, DOUGLAS A., Professor of Biological Chemistry (Medicine) — resignation effective July 1, 1959.
- MANGELSDORF, CLARK P., Instructor in Civil Engineering — resignation effective September 1, 1959.
- MANNING, MRS. MARY K., Research Assistant in the State Water Survey — resignation effective June 10, 1959.
- MOLL, FREDERIC C., Professor of Pediatrics (Medicine) — resignation effective April 17, 1959.
- NAKABAYASHI, NICHOLAS T., Assistant in Dairy Science (S) — resignation effective July 10, 1959.
- OVERPECK, ROBERT L., Ford Foundation Fellow (Trainee) in Electrical Engineering — resignation effective September 16, 1959.
- PATE, MARY LOU, Assistant in Home Economics — resignation effective June 16, 1959.
- PIRRO, A. J., Visiting Lecturer in Education (Summer Session of 1959) — declination effective June 15, 1959.
- PUGH, ROBERT C., Counselor in the Student Counseling Service — resignation effective July 1, 1959.
- RAUB, LUCILLE J., Assistant Serials and Acquisitions Librarian, and Instructor in Library Science (Chicago Undergraduate Division) — resignation effective September 1, 1959.
- REDDY, VASUNDER, United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges) — resignation effective July 1, 1959.
- ROBINSON, PATRICIA A., Instructor in Home Economics — resignation effective September 1, 1959.
- SAMP, BERNARD A., Assistant Professor of Hygiene, Medical Adviser, and Special Duty Physician in the Health Service — resignation effective September 1, 1959.

- SAUER, DAVID A., Assistant Professor of Architecture—resignation effective September 1, 1959.
- SKOLD, RONALD V., Research Associate in the State Water Survey—resignation effective June 30, 1959.
- SMOLLER, MRS. CAROLYN G., Research Assistant in Anatomy (Medicine)—resignation effective July 1, 1959.
- SOWERBY, DAVID B., Research Associate in Chemistry—resignation effective July 11, 1959.
- STEIN, HERBERT J., Fellow in Electrical Engineering—resignation effective September 16, 1959.
- TESI, GIORGIO, Research Associate in Chemistry—resignation effective July 1, 1959.
- VON BOSE, MARLENE J., Assistant Extension Editor, with rank of Instructor—resignation effective July 22, 1959.
- WIJSMAN, ROBERT A., Assistant Professor of Mathematics (Summer Session of 1959)—resignation effective June 15, 1959.
- WOLIN, EILEEN, Research Assistant in Bacteriology—resignation effective July 4, 1959.
- WORLEY, WILL J., Associate Professor of Theoretical and Applied Mechanics (Summer Session of 1959)—resignation effective June 15, 1959.
- WRIGHT, RICHARD J., Research Associate in Mechanical Engineering—resignation effective September 1, 1959.
- YOUNGMAN, WILLIAM R., Fellow in Art—declination effective June 16, 1959.

LEAVES OF ABSENCE

- BRUNNEMEYER, HENRY R., Assistant State Leader for Farm Advisers and Associate Professor of Agricultural Extension (E)—disability leave of absence on full pay, six months from September 1, 1959, and that he be permitted to retire from active service as of March 1, 1960.
- CURTIS, JAMES O., Assistant Professor of Agricultural Engineering (C and S)—leave of absence without pay, for one year beginning September 14, 1959, so that he may accept the award of a National Science Foundation Science Faculty Fellowship to work toward completion of the requirements of a Doctor of Philosophy degree.
- GRAHAM, MARY F., Instructor in Pediatrics (Medicine)—leave of absence without pay, for two months beginning August 1, 1959.
- MILLER, WENDELL E., Professor of Electrical Engineering and Associate Head of the Department (C and S)—leave of absence without pay, beginning July 15 and continuing through August 31, 1959.

The Board reconvened in open session.

ADDRESS BY PROFESSOR H. O. HALVORSON AND INSPECTION OF BURRILL HALL

President Henry introduced Professor H. O. Halvorson, Professor of Microbiology and Head of the Department, and recently appointed Director of the new School of Life Sciences, who addressed the Board on educational and research programs of the departments comprising the School of Life Sciences.

At the conclusion of his presentation, the meeting recessed for an inspection of Burrill Hall and for luncheon.

ADDRESS BY DEAN WILLIAM L. EVERITT

Following luncheon, President Henry introduced Dean William L. Everitt of the College of Engineering who addressed the Board on the Ford Foundation grant for teacher training in engineering.

On motion of Mrs. Watkins, the Board adjourned.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President

APPENDIX

UNIVERSITY OF ILLINOIS INTERNAL BUDGET FOR 1959-60

(Approved by the Board of Trustees July 27, 1959, page 560)

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, 1959.

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 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, 1959. All balances and overdrafts in regular appropriations will be carried forward to 1960-61 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 not indicated as "Y," services are required only during the academic year of two semesters (three terms in 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.

Tenure Symbols (a number following indicates percentage of time)

A — Indefinite tenure, payable in twelve monthly installments.

B — Two years from September, 1959, payable in twelve installments annually.

D — One year, payable in twelve installments from September 1, 1959.

- E — The academic year 1959-60, 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, 1959, 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.

Meals may be abbreviated "M," or "MM" for two meals. "R" indicates room.

Dollar amounts do not include any perquisites for the convenience of the University.

COMPARATIVE SUMMARY OF INCOME AND APPROPRIATIONS

	1958-59 Revised	1959-60 Proposed	
<i>Estimated Income</i>			
General.....	\$52 773 800	\$60 455 000	
Restricted.....	26 891 769	27 595 141	
<i>Total, Estimated Income.....</i>	<i>\$79 665 569</i>	<i>\$88 050 141</i>	
<i>Appropriations by Board of Trustees</i>			
From General Income.....	\$52 752 075	\$60 267 733	
From Restricted Income.....	26 891 769	27 595 141	
<i>Total, Appropriations.....</i>	<i>\$79 643 844</i>	<i>\$87 862 874</i>	
<i>Unappropriated Balance from General Income.....</i>	<i>\$ 21 725</i>	<i>\$ 187 267</i>	
		<i>Proposed</i>	<i>Per Cent</i>
<i>Income by Source</i>		<i>1959-60</i>	
State Appropriations.....	\$56 041 150	63.7	
Federal Appropriations.....	3 154 682	3.6	
Student Fees.....	4 400 000	5.0	
Sales and Services.....	3 335 675	3.8	
Reserved for 1960-61.....	-1 900 000	-2.2	
Endowments, Contracts, and Gifts.....	12 761 843	14.5	
<i>Total, Educational and General.....</i>	<i>(77 793 350)</i>	<i>(88.4)</i>	
Auxiliary Enterprises.....	8 929 291	10.1	
Student Aid and Noneducational.....	1 327 500	1.5	
<i>Total, Income.....</i>	<i>\$88 050 141</i>	<i>100.0</i>	
<i>Appropriations by Function</i>			
Administration and General.....	\$ 4 917 694	5.6	
Security Benefits.....	2 215 151	2.5	
Instruction and Departmental Research.....	27 699 850	31.5	
Activities Relating to Instruction.....	6 747 049	7.7	
Organized Research.....	15 434 097	17.6	
Extension and Public Services.....	9 345 816	10.6	
Libraries.....	2 067 213	2.4	
Physical Plant.....	8 746 113	10.0	
Appropriations Not Assigned.....	135 000	0.1	
<i>Total, Educational and General.....</i>	<i>(77 307 983)</i>	<i>(88.0)</i>	
Auxiliary Enterprises.....	8 929 291	10.2	
Student Aid and Noneducational.....	1 625 600	1.8	
<i>Total, Appropriations.....</i>	<i>\$87 862 874</i>	<i>100.0</i>	

<i>Appropriations by Location</i>	<i>Proposed 1959-60</i>	<i>Per Cent</i>
Urbana-Champaign (includes state-wide services).....	\$62 662 872	71.3
Chicago Professional Colleges (includes Crippled Children) ..	20 681 321	23.5
Chicago Undergraduate Division.....	4 518 681	5.2
<i>Total, Appropriations</i>	<i>\$87 862 874</i>	<i>100.0</i>

**SUMMARY OF CHANGES IN APPROPRIATIONS
FROM GENERAL FUNDS**

	<i>Budget 1958-59</i>	<i>Increase</i>	<i>Proposed Budget 1959-60</i>
<i>Urbana-Champaign</i>			
Agriculture.....	\$5 370 307	\$525 280	\$5 895 587
Commerce and Business Administration....	1 310 123	132 617	1 442 740
Education.....	1 275 036	142 826	1 417 862
Engineering.....	3 963 982	480 117	4 444 099
Fine and Applied Arts.....	1 591 225	271 860	1 863 085
Graduate College.....	746 157	235 735	981 892
Journalism and Communications.....	548 416	47 380	595 796
Law.....	277 440	22 670	300 110
Liberal Arts and Sciences.....	5 860 532	881 835	6 742 367
Physical Education.....	590 260	94 170	684 430
University Extension.....	491 160	98 555	589 715
Veterinary Medicine.....	378 515	73 515	452 030
Armed Forces.....	32 635	2 185	34 820
Institute of Aviation.....	358 296	29 884	388 180
Government and Public Affairs.....	58 690	13 220	71 910
Labor and Industrial Relations.....	233 880	26 580	260 460
Social Work.....	129 890	13 300	143 190
Special Services for War Veterans.....	18 400	100	18 500
Summer Session.....	741 600	46 690	788 290
University Press.....	93 783	8 520	102 303
Library and Library School.....	1 596 100	278 088	1 874 188
Physical Plant.....	3 978 919	506 305	4 485 224
Administration and General.....	2 850 002	496 744	3 346 746
Retirement System (all campuses).....	1 620 750	498 600	2 119 350
Negotiated and Prevailing Rate Increases (all campuses).....		430 000	430 000
<i>Total, Urbana-Champaign</i>	<i>(34 116 098)</i>	<i>(5 356 776)</i>	<i>(39 472 874)</i>
<i>Chicago Professional Colleges</i>			
Medicine.....	3 140 417	366 241	3 506 658
Dentistry.....	811 815	99 458	911 273
Pharmacy.....	459 124	54 420	513 544
Graduate College.....	45 760	2 860	48 620
Nursing.....	146 803	23 395	170 198
Broadcasting.....	20 850	1 110	21 960
Crippled Children.....	1 539 990	111 330	1 651 320
Physical Education.....	15 770	1 120	16 890
Aeromedical and Physical Environment Laboratory.....	82 880	8 580	91 460
Research and Educational Hospitals.....	5 354 412	498 156	5 852 568
Library.....	105 585	28 555	134 140
Physical Plant.....	2 436 867	362 013	2 798 880
Administration and General.....	693 082	100 299	793 381
<i>Total, Chicago Professional Colleges</i> ..	<i>(14 853 355)</i>	<i>(1 657 537)</i>	<i>(16 510 892)</i>
<i>Chicago Undergraduate Division</i>			
Academic Divisions.....	2 040 793	233 595	2 274 388
Library.....	153 086	15 884	168 970
Physical Plant.....	888 009	19 000	907 009
Administration and General.....	475 734	82 866	558 600
<i>Total, Chicago Undergraduate Division</i>	<i>(3 557 622)</i>	<i>(351 345)</i>	<i>(3 908 967)</i>
<i>Refunds and Reappropriations</i>	<i>225 000</i>	<i>150 000</i>	<i>375 000</i>
<i>Unappropriated</i>	<i>21 725</i>	<i>165 542</i>	<i>187 267</i>
<i>Total, Entire University</i>	<i>\$52 773 800</i>	<i>\$7 681 200</i>	<i>\$60 455 000</i>

**SUMMARY OF SALARY POSITIONS, WITH CHANGES FROM 1958-59,
GENERAL FUNDS ONLY**

	<i>Academic Staff</i>		<i>Nonacademic Staff</i>	
	<i>Full Time Equivalent</i>	<i>Change from</i>	<i>Full Time Equivalent</i>	<i>Change from</i>
	<i>1959-60</i>	<i>1958-59</i>	<i>1959-60</i>	<i>1958-59</i>
<i>Urbana-Champaign</i>				
Agriculture.....	499.77	8.76	286.71	6.72
Commerce and Business Administration.....	148.12	— .88	25.41	1.91
Education.....	139.75	5.20	36.75	.00
Engineering.....	391.06	13.11	145.39	3.00
Fine and Applied Arts.....	194.30	11.78	29.00	3.00
Graduate College.....	50.62	26.08	22.62	.50
Journalism and Communications.....	32.83	.30	38.60	.20
Law.....	19.58	.00	5.00	.00
Liberal Arts and Sciences.....	791.34	42.46	120.77	5.97
Physical Education.....	76.60	5.75	23.63	2.00
University Extension.....	22.70	— 1.25	22.80	.00
Veterinary Medicine.....	32.60	4.08	24.38	.00
Armed Forces.....	.30	.00	6.50	.00
Institute of Aviation.....	18.50	.00	23.00	1.00
Government and Public Affairs.....	6.27	1.14	2.50	.00
Labor and Industrial Relations.....	21.18	1.10	10.50	.00
Social Work.....	10.50	.00	4.30	.80
Special Services for War Veterans.....	1.50	.00	1.00	.00
Summer Session.....	.30	.00	1.00	.00
University Press.....	7.00	.00	7.50	.00
Library and Library School.....	131.50	1.00	108.25	4.00
Physical Plant.....	5.00	1.00	44.41	.00
Administration and General.....	91.68	9.67	307.05	3.00
<i>Total, Urbana-Champaign.....</i>	<i>(2,693.00)</i>	<i>(129.30)</i>	<i>(1,297.07)</i>	<i>(32.10)</i>
<i>Chicago Professional Colleges</i>				
Medicine.....	233.03	11.50	153.77	1.20
Dentistry.....	50.76	.17	55.23	.00
Pharmacy.....	50.57	1.50	19.00	.00
Graduate College.....	.10	.00	1.00	.00
Nursing.....	19.10	1.10	4.00	.00
Broadcasting.....	.00	.00	.00	.00
Crippled Children.....	1.73	.00	49.00	— 17.00
Physical Education.....	1.00	.00	1.00	.00
Aeromedical and Physical Environment				
Laboratory.....	4.00	.00	5.00	.00
Research and Educational Hospitals....	4.67	.00	683.00	28.00
Library.....	7.00	.00	7.00	.00
Physical Plant.....	1.00	.00	34.72	2.00
Administration and General.....	15.10	.00	88.24	3.00
<i>Total, Chicago Professional Colleges.....</i>	<i>(388.06)</i>	<i>(14.27)</i>	<i>(1,100.96)</i>	<i>(17.20)</i>
<i>Chicago Undergraduate Division</i>				
Academic Divisions.....	275.14	9.95	32.88	— 1.00
Library.....	10.00	.00	15.00	.00
Physical Plant.....	.00	.00	7.88	.00
Administration and General.....	21.29	— .50	46.66	2.00
<i>Total, Chicago Undergraduate Division.....</i>	<i>(306.43)</i>	<i>(9.45)</i>	<i>(102.22)</i>	<i>(1.00)</i>
<i>Total, Entire University.....</i>	<i>3,387.49</i>	<i>153.02</i>	<i>2,500.25¹</i>	<i>50.30</i>

¹ Not including approximately 1,400 full-time equivalent paid from wages.

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.....	\$55 905 000	.....	\$55 905 000
For Institution for Tuberculosis Re- search.....	.....	\$ 71 150	71 150
For Horseradish Research.....	.....	5 000	5 000
Smith-Hughes Act.....	60 000	.....	60 000
<i>Total, State.....</i>	<i>(55 965 000)</i>	<i>(76 150)</i>	<i>(56 041 150)</i>
<i>Federal</i>			
Morrill-Nelson Acts.....	50 000	.....	50 000
Bankhead-Jones Act (Teaching).....	106 905	.....	106 905
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 Act.....	.....	1 582 382	1 582 382
Social Security Act — Services for Crippled Children.....	.....	532 000	532 000
<i>Total, Federal.....</i>	<i>(156 905)</i>	<i>(2 997 777)</i>	<i>(3 154 682)</i>
<i>Total, Public Appropriations.....</i>	<i>.....</i>	<i>(2 911 550)</i>	<i>(46 472 905)</i>
<i>Fees</i>			
Student Fees.....	4 256 000	255 000	4 511 000
Less Fees for Housing.....	-336 000	.....	-336 000
Net Student Fees.....	(3 920 000)	(255 000)	(4 175 000)
Extension Fees.....	225 000	.....	225 000
<i>Total, Fees.....</i>	<i>(4 145 000)</i>	<i>(255 000)</i>	<i>(4 400 000)</i>
<i>Sales and Service of Educational Departments and Miscellaneous Current Income</i>			
Research and Educational Hospitals....	800 000	238 087	1 038 087
Dentistry.....	120 000	10 000	130 000
Aviation.....	.....	341 240	341 240
Agriculture.....	124 500	443 258	567 758
Education.....	.....	88 640	88 640
Investment Income.....	100 000	.....	100 000
Veterinary Medicine.....	.....	59 720	59 720
University Press.....	.....	85 260	85 260
University Extension.....	.....	510 600	510 600
All Other.....	168 595	245 775	414 370
<i>Total, Sales and Service of Educa- tional Departments and Miscel- laneous Current Income.....</i>	<i>(1 313 095)</i>	<i>(2 022 580)</i>	<i>(3 335 675)</i>
<i>Income Reserved for 1960-61.....</i>	<i>-1 900 000</i>	<i>.....</i>	<i>-1 900 000</i>
<i>Trust Income for Educational Purposes</i>			
Endowment Income.....	.....	104 100	104 100
Gifts from Private Sources, Urbana....	75 000	2 518 000	2 593 000
Gifts from Private Sources, Chicago....	40 000	726 000	766 000
U.S. Contracts.....	.....	8 102 300	8 102 300
Indirect Costs, Urbana.....	200 000	795 258	995 258
Indirect Costs, Chicago.....	85 000	116 185	201 185
<i>Total, Trust Income for Educational Purposes.....</i>	<i>(400 000)</i>	<i>(12 361 843)</i>	<i>(12 761 843)</i>
<i>Total, Education and General.....</i>	<i>(60 080 000)</i>	<i>(17 713 350)</i>	<i>(77 793 350)</i>
<i>Auxiliary Enterprises and Activities</i>			
Income from Operations.....	.....	8 929 291	8 929 291
<i>Student Aid</i>			
Endowment Income.....	.....	117 500	117 500
Gifts.....	.....	508 000	508 000
U.S. Contracts.....	.....	287 000	287 000
Indirect Costs.....	.....	40 000	40 000
<i>Total, Student Aid.....</i>	<i>.....</i>	<i>(952 500)</i>	<i>(952 500)</i>
<i>Refunds and Reappropriations.....</i>	<i>375 000</i>	<i>.....</i>	<i>375 000</i>
<i>Grand Total, Estimated Income.....</i>	<i>\$60 455 000</i>	<i>\$27 595 141</i>	<i>\$88 050 141</i>

APPROPRIATIONS

General		Wages, Ex- pense, and Equipment		Total	
		Salaries			
<i>Administration and General</i>					
Urbana-Champaign	\$2 430 841	\$3 035 255	\$5 466 096		
Chicago Professional Colleges	664 581	128 800	793 381		
Chicago Undergraduate Division	434 900	123 700	558 600		
<i>Total, Administration and General</i>	<i>(3 530 322)</i>	<i>(3 287 755)</i>	<i>(6 818 077)</i>		
<i>Instruction</i>					
Urbana-Champaign	17 089 031	1 907 028	18 996 059		
Chicago Professional Colleges	4 516 128	611 055	5 127 183		
Chicago Undergraduate Division	2 136 978	137 410	2 274 388		
<i>Total, Instruction</i>	<i>(23 742 137)</i>	<i>(2 655 493)</i>	<i>(26 397 630)</i>		
<i>Organized Activities Relating to Instruction</i>					
Urbana-Champaign	161 934	13 300	175 234		
Chicago Professional Colleges	3 064 240	2 788 328	5 852 568		
<i>Total, Organized Activities Relating to Instruction</i>	<i>(3 226 174)</i>	<i>(2 801 628)</i>	<i>(6 027 802)</i>		
<i>Organized Research</i>					
Urbana-Champaign	3 856 910	974 724	4 831 634		
Chicago Professional Colleges	72 660	38 800	111 460		
<i>Total, Organized Research</i>	<i>(3 929 570)</i>	<i>(1 013 524)</i>	<i>(4 943 094)</i>		
<i>Extension and Public Services</i>					
Urbana-Champaign	2 600 389	452 295	3 052 684		
Chicago Professional Colleges	361 760	1 311 520	1 673 280		
<i>Total, Extension and Public Services</i>	<i>(2 962 149)</i>	<i>(1 763 815)</i>	<i>(4 725 964)</i>		
<i>Libraries</i>					
Urbana-Champaign	1 114 505	643 338	1 757 843		
Chicago Professional Colleges	78 540	55 600	134 140		
Chicago Undergraduate Division	126 270	42 700	168 970		
<i>Total, Libraries</i>	<i>(1 319 315)</i>	<i>(741 638)</i>	<i>(2 060 953)</i>		
<i>Physical Plant</i>					
Urbana-Champaign	339 560	4 440 664	4 780 224		
Chicago Professional Colleges	240 047	2 558 833	2 798 880		
Chicago Undergraduate Division	52 101	854 908	907 009		
<i>Total, Physical Plant</i>	<i>(631 708)</i>	<i>(7 854 405)</i>	<i>(8 486 113)</i>		
<i>Student Aid</i>					
Urbana-Champaign		278 100	278 100		
Chicago Professional Colleges		20 000	20 000		
<i>Total, Student Aid</i>		<i>(298 100)</i>	<i>(298 100)</i>		
<i>Unclassified</i>					
Nonacademic Balances	135 000		135 000		
Refunds and Reappropriations		375 000	375 000		
<i>Total, Unclassified</i>	<i>(135 000)</i>	<i>(375 000)</i>	<i>(510 000)</i>		
<i>Total, General</i>	<i>\$39 476 375</i>	<i>\$20 791 358</i>	<i>\$60 267 733</i>		

Restricted

		Wages, Ex- pense, and Equipment		Total	
		Salaries			
<i>Administration and General</i>					
Urbana-Champaign	\$ 175 333	\$ 88 250	\$ 263 583		
Chicago Professional Colleges	28 035	19 930	47 965		
Chicago Undergraduate Division	720	2 500	3 220		
<i>Total, Administration and General</i>	<i>(204 088)</i>	<i>(110 680)</i>	<i>(314 768)</i>		
<i>Instruction</i>					
Urbana-Champaign	401 700	748 200	1 149 900		
Chicago Professional Colleges	99 020	53 300	152 320		
<i>Total, Instruction</i>	<i>(500 720)</i>	<i>(801 500)</i>	<i>(1 302 220)</i>		
<i>Organized Activities Relating to Instruction</i>					
Urbana-Champaign	70 660	392 500	463 160		

	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Chicago Professional Colleges.....	118 282	137 805	256 087
<i>Total, Organized Activities Relating to Instruction.....</i>	<i>(188 942)</i>	<i>(530 305)</i>	<i>(719 247)</i>
<i>Organized Research</i>			
Urbana-Champaign.....	4 548 710	4 032 143	8 580 853
Chicago Professional Colleges.....	1 066 790	843 360	1 910 150
<i>Total, Organized Research.....</i>	<i>(5 615 500)</i>	<i>(4 875 503)</i>	<i>(10 491 003)</i>
<i>Extension and Public Services</i>			
Urbana-Champaign.....	1 619 360	2 408 492	4 027 852
Chicago Professional Colleges.....	314 520	277 480	592 000
<i>Total, Extension and Public Services</i>	<i>(1 933 880)</i>	<i>(2 685 972)</i>	<i>(4 619 852)</i>
<i>Libraries</i>			
Urbana-Champaign.....	2 760	3 500	6 260
<i>Physical Plant</i>			
Urbana-Champaign.....	.....	5 000	5 000
Chicago Professional Colleges.....	.....	255 000	255 000
<i>Total, Physical Plant.....</i>	<i>.....</i>	<i>(260 000)</i>	<i>(260 000)</i>
<i>Auxiliary Enterprises</i>			
Urbana-Champaign.....	636 198	6 777 192	7 413 390
Chicago Professional Colleges.....	59 402	850 005	909 407
Chicago Undergraduate Division.....	84 379	522 115	606 494
<i>Total, Auxiliary Enterprises.....</i>	<i>(779 979)</i>	<i>(8 149 312)</i>	<i>(8 929 291)</i>
<i>Student Aid</i>			
Urbana-Champaign.....	.....	905 000	905 000
Chicago Professional Colleges.....	.....	47 500	47 500
<i>Total, Student Aid.....</i>	<i>.....</i>	<i>(952 500)</i>	<i>(952 500)</i>
<i>Total, Restricted.....</i>	<i>\$ 9 225 869</i>	<i>\$18 369 272</i>	<i>\$27 595 141</i>
<i>Grand Total.....</i>	<i>\$48 702 244</i>	<i>\$39 160 630</i>	<i>\$87 862 874</i>

URBANA-CHAMPAIGN

APPROPRIATIONS

General

	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
<i>Administration and General</i>			
General Administrative Offices.....	\$1 281 313	\$ 311 160	\$1 592 473
General Student Services.....	822 322	185 210	1 007 532
General University Services.....	279 905	371 035	650 940
Security Benefits.....	47 301	2 167 850	2 215 151
<i>Total, Administration and General...</i>	<i>(2 430 841)</i>	<i>(3 035 255)</i>	<i>(5 466 096)</i>
<i>Instruction</i>			
Agriculture.....	1 198 174	248 255	1 446 429
Commerce and Business Administration...	1 213 275	70 440	1 283 715
Education.....	866 273	121 880	988 153
Engineering.....	3 209 510	309 500	3 519 010
Fine and Applied Arts.....	1 567 175	143 300	1 710 475
Graduate College.....	116 590	16 050	132 640
Journalism and Communications.....	202 365	18 350	220 715
Law.....	272 510	23 000	295 510
Liberal Arts and Sciences.....	6 066 174	676 193	6 742 367
Physical Education.....	605 930	78 500	684 430
University Extension.....	24 060	7 200	31 260
Veterinary Medicine.....	404 620	47 410	452 030
Armed Forces.....	25 170	9 650	34 820
Institute of Aviation.....	309 780	78 400	388 180
Social Work.....	123 990	19 200	143 190
Special Services for War Veterans.....	16 000	2 500	18 500

General (Concluded)

	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Summer Session.....	757 990	30 300	788 290
Library and Library School.....	109 445	6 900	116 345
<i>Total, Instruction</i>	(17 089 031)	(1 907 028)	(18 996 059)
<i>Organized Activities Relating to Instruction</i>			
Education.....	161 934	13 300	175 234
<i>Organized Research</i>			
Agriculture.....	2 079 209	490 844	2 570 053
Commerce and Business Administration...	72 215	19 500	91 715
Education.....	174 215	15 710	189 925
Engineering.....	778 719	146 370	925 089
Fine and Applied Arts.....	66 350	7 900	74 250
Graduate College.....	327 902	258 850	586 752
Journalism and Communications.....	58 380	3 100	61 480
Government and Public Affairs.....	62 160	9 750	71 910
Labor and Industrial Relations.....	237 760	22 700	260 460
<i>Total, Organized Research</i>	(3 856 910)	(974 724)	(4 831 634)
<i>Extension and Public Services</i>			
Agriculture.....	1 840 565	38 540	1 879 105
Commerce and Business Administration...	57 910	9 400	67 310
Education.....	60 350	4 200	64 550
Fine and Applied Arts.....	61 585	5 775	67 360
Journalism and Communications.....	210 801	102 800	313 601
University Extension.....	273 225	285 230	558 455
University Press.....	95 953	6 350	102 303
<i>Total, Extension and Public Services</i>	(2 600 389)	(452 295)	(3 052 684)
<i>Libraries</i>			
Library and Library School.....	1 114 505	643 338	1 757 843
<i>Physical Plant</i>			
Physical Plant.....	339 560	4 440 664	4 780 224
<i>Student Aid</i>			
Fine and Applied Arts.....	.....	11 000	11 000
Graduate College.....	.....	262 500	262 500
Law.....	.....	4 600	4 600
<i>Total, Student Aid</i>.....	.....	(278 100)	(278 100)
<i>Unclassified</i>			
Administration and General.....	135 000	.....	135 000
Refunds and Reappropriations.....	.....	375 000	375 000
<i>Total, Unclassified</i>	(135 000)	(375 000)	(510 000)
<i>Total, General</i>	\$27 728 170	\$12 119 704	\$39 847 874

Restricted

	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
<i>Administration and General</i>	\$ 175 333	\$ 88 250	\$ 263 583
<i>Instruction</i>			
Agriculture.....	3 300	2 000	5 300
Commerce and Business Administration...	1 200	28 200	29 400
Education.....	12 640	16 900	29 540
Engineering.....	.....	106 000	106 000
Fine and Applied Arts.....	.....	20 200	20 200
Graduate College.....	340 000	493 000	833 000
Journalism and Communications.....	.....	4 000	4 000
Liberal Arts and Sciences.....	25 060	23 400	48 460
Physical Education.....	.....	1 000	1 000
Veterinary Medicine.....	.....	5 000	5 000
Armed Forces.....	.....	24 500	24 500
Government and Public Affairs.....	1 000	.....	1 000

	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Social Work.....	10 000	10 000	20 000
Summer Session.....	4 000	6 000	10 000
Library and Library School.....	4 500	8 000	12 500
<i>Total, Instruction.....</i>	<i>(401 700)</i>	<i>(748 200)</i>	<i>(1 149 900)</i>
<i>Organized Activities Relating to Instruction</i>			
Agriculture.....	14 700	47 500	62 200
Veterinary Medicine.....	9 720	50 000	59 720
Institute of Aviation.....	46 240	295 000	341 240
<i>Total, Organized Activities Relating to Instruction.....</i>	<i>(70 660)</i>	<i>(392 500)</i>	<i>(463 160)</i>
<i>Organized Research</i>			
Agriculture.....	801 210	933 343	1 734 553
Commerce and Business Administration...	40 000	30 200	70 200
Education.....	155 000	78 500	233 500
Engineering.....	2 610 000	2 332 000	4 942 000
Fine and Applied Arts.....	8 000	8 000	16 000
Journalism and Communications.....	.....	3 000	3 000
Liberal Arts and Sciences.....	910 000	602 000	1 512 000
Physical Education.....	3 000	6 000	9 000
Veterinary Medicine.....	13 000	18 000	31 000
Government and Public Affairs.....	.....	5 000	5 000
Labor and Industrial Relations.....	8 500	16 100	24 600
<i>Total, Organized Research.....</i>	<i>(4 548 710)</i>	<i>(4 032 143)</i>	<i>(8 580 853)</i>
<i>Extension and Public Services</i>			
Agriculture.....	1 408 540	1 496 842	2 905 382
Commerce and Business Administration...	1 440	11 500	12 940
Education.....	33 140	42 960	76 100
Fine and Applied Arts.....	3 120	30 450	33 570
Physical Education.....	.....	1 000	1 000
University Extension.....	81 860	437 740	519 600
Government and Public Affairs.....	.....	4 000	4 000
University Press.....	1 260	84 000	85 260
International Cooperation.....	90 000	300 000	390 000
<i>Total, Extension and Public Services</i>	<i>(1 619 360)</i>	<i>(2 408 492)</i>	<i>(4 027 852)</i>
<i>Libraries</i>			
Library and Library School.....	2 760	3 500	6 260
<i>Physical Plant</i>			
Physical Plant.....	.....	5 000	5 000
<i>Auxiliary Enterprises</i>			
Administration and General.....	169 019	539 800	708 819
Agriculture.....	4 380	42 400	46 780
Engineering.....	.....	10 000	10 000
University Extension.....	47 414	87 050	134 464
Physical Plant.....	415 385	6 097 942	6 513 327
<i>Total, Auxiliary Enterprises.....</i>	<i>(636 198)</i>	<i>(6 777 192)</i>	<i>(7 413 390)</i>
<i>Student Aid</i>			
Gifts and Endowments.....	.....	905 000	905 000
<i>Total, Restricted.....</i>	<i>\$7 454 721</i>	<i>\$15 360 277</i>	<i>\$22 814 998</i>

ADMINISTRATION AND GENERAL

	<i>General</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
<i>General Administrative Offices</i>			
Board of Trustees.....	\$ 27 050	\$ 31 800	\$ 58 850
President's Office.....	132 240	31 000	163 240
Provost's Office.....	63 100	9 300	72 400
Committee on Community Problems...	.....	6 300	6 300

General (Concluded)

	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
Business Office			
Comptroller.....	72 640	17 400	90 040
Accounting.....	108 240	15 600	123 840
Auditing.....	71 200	9 300	80 500
Bursar.....	118 970	31 200	150 170
Purchasing.....	138 358	16 400	154 758
<i>Total, Business Office</i>	(509 408)	(89 900)	(599 308)
Admissions and Records.....	308 745	99 960	408 705
Legal Counsel.....	71 630	10 900	82 530
Nonacademic Personnel.....	99 740	14 100	113 840
Public Information.....	69 400	17 900	87 300
<i>Total, Administrative Offices</i>	(1 281 313)	(311 160)	(1 592 473)
General Student Service			
Dean of Students			
General.....	85 930	11 460	97 390
New Student Week.....	.....	4 250	4 250
Student Activity.....	.....	1 300	1 300
Student Employment.....	.....	6 500	6 500
Dean of Men.....	39 040	14 100	53 140
Dean of Women.....	69 090	10 800	79 890
Housing Division.....	36 850	4 700	41 550
Coordinating Placement Office.....	34 700	7 100	41 800
Security Office.....	46 675	24 500	71 175
<i>Total, Dean of Students</i>	(312 285)	(84 710)	(396 995)
Health Services.....	324 657	34 200	358 857
Chest X-rays.....	.....	8 000	8 000
McKinley Hospital Support.....	.....	40 000	40 000
<i>Total, Health Services</i>	(324 657)	(82 200)	(406 857)
Provost's Office			
Student Counseling Service.....	185 380	18 300	203 680
<i>Total, General Student Service</i>	(822 322)	(185 210)	(1 007 532)
General University Service			
Provost's Office			
Bureau of Institutional Research.....	46 940	6 300	53 240
Statistical Service Unit.....	125 800	71 000	196 800
Courses and Curricula.....	8 300	200	8 500
Space Committee.....	16 000	4 500	20 500
Instructional Television.....	19 700	18 300	38 000
University Honors Programs.....	12 810	.....	12 810
<i>Total, Provost's Office</i>	(229 550)	(100 300)	(329 850)
Alumni Relations and Records.....	33 120	50 080	83 200
University of Illinois Foundation.....	1 125	42 625	43 750
Illini Center.....	9 510	10 700	20 210
Audit of University Accounts.....	.....	18 700	18 700
Building Program Committee.....	2 520	425	2 945
Citizens Committee.....	.....	5 500	5 500
Commencement.....	.....	23 000	23 000
Committee on Student English.....	4 080	1 100	5 180
General Publications.....	.....	62 000	62 000
General University Lectures.....	.....	9 000	9 000
Honors Day.....	.....	2 850	2 850
Incidental and Emergency.....	.....	4 600	4 600
Memberships in Organizations.....	.....	5 555	5 555
Public Functions.....	.....	34 600	34 600
<i>Total, General University Service</i>	(279 905)	(371 035)	(650 940)
Security Benefits			
University Retirement System.....	.....	2 119 350	2 119 350
Retiring Allowances.....	27 371	.....	27 371
Accident Compensation.....	19 930	42 000	61 930

	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Death and Disability Benefits.....		6 500	6 500
<i>Total, Security Benefits</i>	(47 301)	(2 167 850)	(2 215 151)
<i>Unclassified</i>			
Nonacademic Free Budget Balances.....	135 000		135 000
<i>Total, General</i>	\$2 565 841	\$3 035 255	\$5 601 096

Restricted

	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
<i>Administration and General</i>			
Accountancy Committee Revolving.....	\$ 20 210	\$ 32 500	\$ 52 710
Entrance Examinations Revolving.....	4 915	4 200	9 115
Estimated Indirect Costs.....	140 208	31 550	171 758
Estimated Private Gifts.....	10 000	15 000	25 000
Estimated U.S. Contracts.....		5 000	5 000
<i>Total, Administration and General</i> ..	(175 333)	(88 250)	(263 583)
<i>Auxiliary Enterprises</i>			
Hospital Insurance Administration.....	18 200	499 300	517 500
McKinley Hospital.....	150 819	40 500	191 319
<i>Total, Auxiliary Enterprises</i>	(169 019)	(539 800)	(708 819)
<i>Total, Restricted</i>	\$ 344 352	\$ 628 050	\$ 972 402

Board of Trustees

Account Number 00-10-01-000		
1. A. J. Janata, Secretary.....	ZDY50	\$ 10 250
(Total Salary)		(20 500)
2. H. E. Cunningham, Secretary, <i>Emeritus</i>	ZR	
Nonacademic Salaries		16 800
<i>Total, Salaries</i>		(27 050)
Wages.....		300
Expense.....		31 000
Equipment.....		500
<i>Total, Wages, Expense, and Equipment</i>		(31 800)
<i>Total, Board of Trustees</i>		\$ 58 850

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. Arthur Cutts Willard, President, <i>Emeritus</i>	R	
4. A. J. Janata, Executive Assistant to the President.....	ZDY50	10 250
(Total Salary)		(20 500)
5. George H. Bargh, Administrative Assistant.....	ZDY	9 200
6. Joseph S. Begando, Assistant to the President.....	DY	16 000
7. Eunice C. Parker, Research Associate.....	DY60	5 500
8. W. H. Rice, Administrative Assistant.....	ZDY	
Nonacademic Salaries		55 290
<i>Total, Salaries</i>		(132 240)
Wages.....		5 000
Expense.....		24 000
Equipment.....		2 000
<i>Total, Wages, Expense, and Equipment</i>		(31 000)
<i>Total, President's Office</i>		\$163 240

Indirect Costs—President's Office

Account Number 40-10-02-000		
Nonacademic Salaries		\$ 3 420
Equipment.....		850
<i>Total, Indirect Costs—President's Office</i>		\$ 4 270

Vice-President and Provost's Office

Account Number 00-10-04-000

1. Gordon N. Ray, Vice-President and Provost.....	ZBY	\$ 24 500
2. Henning Larsen, Vice-President and Provost, <i>Emeritus</i>	ZR	.....
3. Royden Dangerfield, Associate Provost and Dean of Administration.....	ZBY	20 000
Nonacademic Salaries		18 600
<i>Total, Salaries</i>		(63 100)
Wages.....		500
Expense.....		8 000
Expense, Community Problems.....		6 300
Convention Travel		500
Equipment.....		300
<i>Total, Wages, Expense, and Equipment</i>		(15 600)
<i>Total, Vice-President and Provost's Office</i>		\$ 78 700

Vice-President and Comptroller's Office

Account Number 00-10-06-000

1. Herbert O. Farber, Vice-President and Comptroller.....	DY	\$ 22 500
(Includes Service to the Retirement System)		
2. Morris S. Kessler, Assistant Comptroller.....	DY	12 000
Nonacademic Salaries		38 140
<i>Total, Salaries</i>		(72 640)
Wages.....		1 500
Expense.....		14 300
Convention Travel		300
Equipment.....		1 300
<i>Total, Wages, Expense, and Equipment</i>		(17 400)
<i>Total, Vice-President and Comptroller's Office</i>		\$ 90 040

Auxiliary — Hospital Insurance Administration

Account Number 18-10-06-701

Nonacademic Salaries		\$ 18 200
<i>Total, Salaries</i>		(18 200)
Wages.....		300
Expense.....		9 000
Premiums, Staff		190 000
Premiums, Student		300 000
<i>Total, Wages, Expense, and Equipment</i>		(499 300)
<i>Total, Auxiliary — Hospital Insurance Administration</i>		\$517 500

Business Office**Accounting Division**

Account Number 00-10-08-000

1. Lyle M. Dahlenburg, Chief Accountant.....	DY	\$ 13 200
2. C. H. Pratt, Chief Accountant, <i>Emeritus</i>	R	.....
Nonacademic Salaries		95 040
<i>Total, Salaries</i>		(108 240)
Wages.....		2 200
Expense.....		12 900
Equipment.....		500
<i>Total, Wages, Expense, and Equipment</i>		(15 600)
<i>Total, Accounting Division</i>		\$123 840

INDIRECT COSTS — ACCOUNTING DIVISION

Account Number 40-10-08-000

Nonacademic Salaries		\$ 17 010
Expense.....		1 800
<i>Total, Indirect Costs — Accounting Division</i>		\$ 18 810

Auditing Division

Account Number 00-10-09-000

1. _____, Auditor	DY	\$ 11 600
2. S. C. Smith, Auditor, <i>Emeritus</i>	R	.....

Nonacademic Salaries	59 600
<i>Total, Salaries</i>	(71 200)
Wages.....	6 800
Expense.....	2 000
Expense, microfilm	(7 600)
Equipment.....	500
<i>Total, Wages, Expense, and Equipment</i>	(9 300)
<i>Total, Auditing Division</i>	\$ 80 500

INDIRECT COSTS — AUDITING DIVISION

Account Number 40-10-09-000

Nonacademic Salaries	\$ 9 840
Expense.....	1 300
<i>Total, Indirect Costs — Auditing Division</i>	\$ 11 140

Bursar's Division

Account Number 00-10-10-000

1. C. C. DeLong, Bursar.....	ZDY	\$ 14 500
Nonacademic Salaries		104 470
<i>Total, Salaries</i>		(118 970)
Wages.....		4 700
Expense.....		25 700
Equipment.....		800
<i>Total, Wages, Expense, and Equipment</i>		(31 200)
<i>Total, Bursar's Division</i>		\$150 170

INDIRECT COSTS — BURSAR'S DIVISION

Account Number 40-10-10-000

Nonacademic Salaries	\$ 41 190
Expense.....	8 000
<i>Total, Indirect Costs — Bursar's Division</i>	\$ 49 190

Purchasing Division

Account Number 00-10-11-000

1. James E. Osborn, Director of Purchases.....	DY	\$ 12 200
2. H. M. Edwards, Director of Purchases, <i>Emeritus</i>	ZR	.....
Nonacademic Salaries		126 158
<i>Total, Salaries</i>		(138 358)
Wages.....		1 000
Expense.....		14 900
Equipment.....		500
<i>Total, Wages, Expense, and Equipment</i>		(16 400)
<i>Total, Purchasing Division</i>		\$154 758

INDIRECT COSTS — PURCHASING DIVISION

Account Number 40-10-11-000

Nonacademic Salaries	\$ 35 078
Expense.....	3 600
<i>Total, Indirect Costs — Purchasing Division</i>	\$ 38 678

Admissions and Records

Account Number 00-10-13-000

1. C. W. Sanford, Dean of Admissions and Records.....	ZBY	\$ 19 500
2. George P. Tuttle, Director, <i>Emeritus</i>	R	.....
3. D. A. Grossman, Director of Undergraduate Scholarship Program.....	ZDY ₅₀	6 750
(Total Salary)		(13 500)
4. E. C. Seyler, Associate Dean.....	DY	14 950
5. L. B. Fisher, Coordinator of School and University Articulation.....	ZDY ₅₀	5 825
(Total Salary)		(11 650)
6. E. T. Sanford, Coordinator of Veterans' Educational Benefits.....	DY	8 500

7. Theodore L. Tiffany, Assistant Coordinator of School and University Articulation.....	DY50	2 700
8. Norman Roseman, Assistant Coordinator of School and University Articulation	ZDY50	2 700
(Total Salary)		(5 400)
Nonacademic Salaries		247 820
<i>Total, Salaries</i>		(308 745)
Wages.....		30 760
Expense.....		54 000
Expense, Nonrecurring		(6 892)
Expense, Articulation		4 700
Expense, College Days.....		6 000
Convention Travel		300
Equipment.....		4 200
<i>Total, Wages, Expense, and Equipment</i>		(99 060)
<i>Total, Admissions and Records</i>		\$408 705

Indirect Costs — Admissions and Records

Account Number 40-10-13-000

Nonacademic Salaries	\$ 3 000
<i>Total, Salaries</i>	(3 000)
Wages.....	2 300
Expense.....	600
<i>Total, Wages, Expense, and Equipment</i>	(2 900)
<i>Total, Indirect Costs — Admissions and Records</i>	\$ 5 900

Accountancy Committee Revolving

Account Number 12-10-13-001

1. D. A. Grossman, Director of Undergraduate Scholarship Program.....	ZDY50	\$ 6 750
(Total Salary)		(13 500)
Nonacademic Salaries		13 460
<i>Total, Salaries</i>		(20 210)
Wages.....		700
Expense.....		30 800
Equipment.....		1 000
<i>Total, Wages, Expense, and Equipment</i>		(32 500)
<i>Total, Accountancy Committee Revolving</i>		\$ 52 710

Entrance Examinations Revolving

Account Number 12-10-13-022

Nonacademic Salaries	\$ 4 915
<i>Total, Salaries</i>	(4 915)
Wages.....	3 200
Expense.....	1 000
<i>Total, Wages, Expense, and Equipment</i>	(4 200)
<i>Total, Entrance Examinations Revolving</i>	\$ 9 115

Legal Counsel

Account Number 00-10-15-000

1. Ralph F. Lesemann, Legal Counsel.....	ZBY	\$ 22 000
Nonacademic Salaries		49 630
<i>Total, Salaries</i>		(71 630)
Wages.....		1 700
Expense.....		8 500
Special Legal Service.....		(17 000)
Convention Travel		100
Equipment.....		600
<i>Total, Wages, Expense, and Equipment</i>		(10 900)
<i>Total, Legal Counsel</i>		\$ 82 530

Nonacademic Personnel

Account Number 00-10-16-000		
1. Donald E. Dickason, Director.....	BY75	\$ 12 750
(Also paid \$4,250 by Merit Board)		
2. Robert E. Hartz, Associate Director.....	DY	13 100
Nonacademic Salaries		73 890
<i>Total, Salaries</i>		(99 740)
Wages.....		2 100
Expense		10 300
Convention Travel		200
Equipment		1 500
<i>Total, Wages, Expense, and Equipment</i>		(14 100)
<i>Total, Nonacademic Personnel</i>		\$113 840

Nonacademic Free Budget Balances

Account Number 00-10-16-910	
Nonacademic Salaries	\$135 000
<i>Total, Nonacademic Free Budget Balances</i>	\$135 000

Indirect Costs — Nonacademic Personnel

Account Number 40-10-16-000	
Nonacademic Salaries	\$ 3 300
Expense.....	400
<i>Total, Indirect Costs — Nonacademic Personnel</i>	\$ 3 700

Public Information

Account Number 00-10-18-000		
1. Charles E. Flynn, Director.....	BY	\$ 16 500
2. Josef F. Wright, Director, <i>Emeritus</i>	ZR	.....
3. W. Scott Tyler, Editor of Alumni News.....	DY	9 500
4. 1.00 Full Time Equivalent Assistants.....	E	3 700
Nonacademic Salaries		39 700
<i>Total, Salaries</i>		(69 400)
Wages.....		200
Expense.....		17 000
Convention Travel		200
Equipment.....		500
<i>Total, Wages, Expense, and Equipment</i>		(17 900)
<i>Total, Public Information</i>		\$ 87 300

General**Dean of Students**

Account Number 00-10-20-000		
1. Fred H. Turner, Dean of Students.....	BY	\$ 17 000
2. E. E. Stafford, Associate Dean of Students.....	BY	12 000
3. Arthur Hamilton, Assistant Dean of Foreign Students, <i>Emeritus</i>	ZR	.....
4. John R. Griffin, Assistant Dean of Students.....	ZDY50	4 000
(Total Salary)		(8 000)
5. V. J. Hampton, Assistant Dean of Students.....	DY	9 800
6. Robert A. Schuiteman, Assistant Dean of Foreign Stu- dents.....	DY	8 500
7. Calvin S. Sifferd, Assistant Dean of Students.....	ZDY50	4 150
(Total Salary)		(8 300)
Nonacademic Salaries		30 480
<i>Total, Salaries</i>		(85 930)
Wages, General		3 160
Wages, Freshman Week.....		350
Wages, Foreign Students.....		700
Wages, Student Activities.....		750
Wages, Student Employment.....		4 300
Expense, General		2 600
Expense, Freshman Week.....		3 900

Expense, Foreign Students.....	1 500
Expense, Student Activities.....	550
Expense, Student Employment.....	2 200
Contingency.....	2 350
Convention Travel	500
Equipment, General	650
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(23 510)</i>
<i>Total, Dean of Students — General.....</i>	<i>\$109 440</i>

Dean of Men

Account Number 00-10-21-000

1. Carl W. Knox, Dean of Men.....	BY	\$ 12 750
2. Robert W. Culp, Assistant Dean of Men.....	DY	6 800
3. Eldon E. Park, Assistant Dean of Men.....	DY	5 000
4. Charles E. Warwick, Assistant Dean of Men.....	DY	6 000
Nonacademic Salaries		8 490
<i>Total, Salaries</i>		<i>(39 040)</i>
Wages.....		8 600
Expense.....		4 700
Equipment.....		800
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(14 100)</i>
<i>Total, Dean of Men.....</i>		<i>\$ 53 140</i>

Dean of Women

Account Number 00-10-22-000

1. Miriam A. Shelden, Dean of Women.....	BY	\$ 12 750
2. Maria Leonard, Dean of Women, <i>Emerita</i>	R	.....
3. K. Patricia Cross, Associate Dean of Women.....	ZDY67	5 800
(Total Salary)		(8 050)
(Includes full time in summer)		
4. Eunice M. Dowse, Assistant Dean of Women.....	DY	8 300
5. Mary E. Harrison, Assistant Dean of Women.....	DY	6 200
6. Ann J. McNamara, Assistant Dean of Women.....	DY	6 000
7. Mary E. Garrard, House Director of Gamma House....	ZG37	650
(Total Salary)		(1 900)
(Ten months from September 1, 1959)		
8. Ruth C. Anderson, House Director of Beta House.....	ZG37	650
(Total Salary)		(1 900)
(Ten months from September 1, 1959)		
9. Mae Real, House Director of Alpha House.....	ZG37	650
(Total Salary)		(1 900)
(Ten months from September 1, 1959)		
10. 1.00 Full Time Equivalent Assistants.....	E	3 800
11. Summer Assistants	G	800
Nonacademic Salaries		23 490
<i>Total, Salaries</i>		<i>(69 090)</i>
Wages.....		4 800
Expense.....		5 400
Equipment.....		600
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(10 800)</i>
<i>Total, Dean of Women.....</i>		<i>\$ 79 890</i>

Housing Division

Account Number 00-10-24-000

1. V. L. Kretschmer, Director of Illini Union and of Housing Division	ZDY50	\$ 7 750
(Total Salary)		(15 500)
Nonacademic Salaries		29 100
<i>Total, Salaries</i>		<i>(36 850)</i>
Wages.....		1 100
Expense.....		3 350

Equipment.....	250
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(4 700)</i>
<i>Total, Housing Division.....</i>	<i>\$ 41 550</i>

Coordinating Placement Office

Account Number 00-10-26-000

1. G. W. Peck, Coordinating Placement Officer.....	BY	\$ 11 500
2. John R. Griffin, Assistant Coordinating Placement Officer.....	ZDY50	4 000
(Total Salary)		(8 000)
3. Robert S. Holty, Chicago Coordinating Placement Officer.....	DY	10 500
Nonacademic Salaries		8 700
<i>Total, Salaries</i>		<i>(34 700)</i>
Wages.....		2 600
Expense.....		4 000
Equipment.....		500
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(7 100)</i>
<i>Total, Coordinating Placement Office.....</i>		<i>\$ 41 800</i>

Security Office

Account Number 00-10-28-000

1. William T. Morgan, Security Officer.....	DY	\$ 10 400
2. Max A. Irvin, Assistant Security Officer.....	DY	9 200
Nonacademic Salaries		27 075
<i>Total, Salaries</i>		<i>(46 675)</i>
Wages.....		4 500
Wages, Motor Vehicle Office.....		6 500
Expense.....		6 500
Expense, Motor Vehicle Office.....		6 000
Equipment.....		1 000
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(24 500)</i>
<i>Total, Security Office.....</i>		<i>\$ 71 175</i>

Health Service

Account Number 00-10-30-000

1. Orville S. Walters, Director of Health Services.....	DY}	\$ 18 500
Lecturer in Psychiatry and Professor of Hygiene....	AY}	
2. Henry I. Teigler, Staff Physician in the Health Center and Professor of Hygiene.....	AY	12 700
3. Marion D. Kinzie, Associate Director of Health Services; Associate Professor of Hygiene and Staff Physician in the Health Center and McKinley Hospital.....	{AY BY	13 500 2 000
4. Elmer W. Cavins, Associate Professor of Hygiene and Staff Physician in the Health Center and McKinley Hospital	{AY BY	12 500 2 000
5. Dorothy F. Dunn, Associate Professor of Hygiene and Public Health	A	8 000
6. G. F. Kolar, Dental Adviser, Oral Hygienist, and Associate Professor of Hygiene.....	AY	9 700
7. L. D. Lewis, Staff Physician in the Health Center and Associate Professor of Hygiene.....	AY	12 500
8. May I. Millbrook, Staff Physician in the Health Center and Associate Professor of Hygiene.....	AY	10 800
9. Charles H. Nichols, Associate Professor of Hygiene and Staff Physician in the Health Center and McKinley Hospital	{AY BY	12 500 2 000
10. Jack Otis, Psychiatric Social Work Supervisor and Associate Professor of Hygiene.....	A	8 700
11. Marjorie M. Smarzo, Staff Physician in the Health Center and Associate Professor of Hygiene.....	AY	10 800

12. ———, Psychologist and Assistant Professor of Mental Health	BY	9 500
13. Loren W. Akers, Assistant Professor of Hygiene and Staff Physician in the Health Center and McKinley Hospital	{DY DY	10 000 2 000
14. Robert B. Montgomery, Medical Adviser and Assistant Professor of Hygiene	G	.....
(On disability leave without pay—University Retirement System)		
15. Helen C. Sharp, Assistant Professor of Hygiene and Staff Physician in the Health Center and McKinley Hospital	{BY BY	10 000 2 000
16. Anthony J. Vinci, Assistant Professor of Hygiene and Staff Physician in the Health Center and McKinley Hospital	{DY DY	10 000 2 000
17. Robert W. Whitener, Psychiatrist and Assistant Professor of Mental Health	BY	14 200
18. ———, Staff Physician in the Health Center and McKinley Hospital	{BY BY	10 500 1 067
19. ———, Assistant Professor of Hygiene and Staff Physician in the Health Center and McKinley Hospital	{BY BY	10 500 2 000
20. ———, Psychiatrist and Assistant Professor of Mental Hygiene	BY50	15 000
21. G. R. Blackstone, Associate, <i>Emeritus</i>	R	.....
22. LeRoy L. Fatherree, Consultant	BY25	5 000
Nonacademic Salaries		84 690
<i>Total, Salaries</i>		(324 657)
Wages, General		14 600
Wages, Chest X-ray		4 000
Expense, General		16 650
Expense, Chest X-ray		4 000
Convention Travel		1 250
Equipment		1 700
<i>Total, Wages, Expense, and Equipment</i>		(42 200)
<i>Total, Health Service</i>		\$366 857

McKinley Hospital Support

Account Number 00-10-31-000

Expense	\$ 40 000
<i>Total, McKinley Hospital Support</i>	\$ 40 000

Auxiliary—McKinley Hospital

Account Number 18-10-31-720

Nonacademic Salaries	\$150 819
<i>Total, Salaries</i>	(150 819)
Wages	10 000
Expense	30 500
<i>Total, Wages, Expense, and Equipment</i>	(40 500)
<i>Total, Auxiliary—McKinley Hospital</i>	\$191 319

Provost's Office**Student Counseling Service**

Account Number 00-10-34-000

1. William M. Gilbert, Director	ZBY	\$ 13 700
2. John A. Henry, Counselor	ZD25	2 400
(Total Salary)		(9 600)
(On leave without pay first semester 1959-60)		
3. Paul S. Pettinga, Counselor	ZD25	2 450
(Total Salary)		(9 800)

4. Thomas N. Ewing, Associate Director.....	ZBY	11 600
5. Frank Costin, Counselor.....	ZA50	4 050
(Total Salary)		(8 100)
6. Alice K. Jonietz, Clinical Counselor.....	ZAY	9 450
7. Robert P. Larsen, Clinical Counselor.....	ZAY75	7 050
8. Louis C. Ate, Jr., Clinical Counselor.....	ZBY	8 000
9. James F. Kamman, Clinical Counselor and Supervisor of Testing.....	ZBY	9 200
10. Robert C. Pugh, Counselor.....	ZDY25	1 700
(Total Salary)		(6 800)
11. Pearl Schroeder, Clinical Counselor.....	ZDY	7 350
12. Morton Wagman, Clinical Counselor.....	ZDY	7 350
13. Joan C. Graham, Counselor.....	ZD25	1 300
(Total Salary)		(5 200)
14. Claude Channapragada, Assistant Supervisor of Testing	DY	4 650
15. William Gerler, Clinical Counselor.....	DY	7 350
16. Boyd B. Jackson, Clinical Counselor and Supervisor of Reading and Study Programs.....	DY	8 400
17. John C. Langdon, Clinical Counselor.....	DY	6 600
18. Richard S. Seaman, Assistant Supervisor of Reading... (Effective September 1, 1959, through May 31, 1960)	G	3 850
19. Miriam Sperber, Clinical Counselor.....	DY	7 050
20. _____, Clinical Counselor.....	DY	7 000
21. _____, Counselor	D25	1 975
22. Edward H. Heath, Counselor.....	ZE25	1 300
(Total Salary)		(5 200)
23. 4.00 Full Time Equivalent Assistants.....	DY	16 825
24. 5.50 Summer Counselors.....	G	8 800
Nonacademic Salaries		25 980
<i>Total, Salaries</i>		(185 380)
Wages.....		5 800
Expense.....		11 500
Equipment.....		1 000
<i>Total, Wages, Expense, and Equipment</i>		(18 300)
<i>Total, Student Counseling Service</i>		\$203 680

Bureau of Institutional Research

Account Number 00-10-40-000		
1. Edward F. Potthoff, Director.....	ZDY75	\$ 11 480
(Total Salary)		(15 000)
2. G. J. Froehlich, Assistant Director.....	DY}	10 000
With rank of Associate Professor.....	AY}	
3. 0.50 Full Time Equivalent Assistants.....	DY	2 900
Nonacademic Salaries		22 560
<i>Total, Salaries</i>		(46 940)
Wages.....		1 200
Expense.....		4 600
Equipment.....		500
<i>Total, Wages, Expense, and Equipment</i>		(6 300)
<i>Total, Bureau of Institutional Research</i>		\$ 53 240

Statistical Service Unit

Account Number 00-10-41-000		
1. John F. Chaney, Director.....	DY}	\$ 13 500
With rank of Associate Professor.....	AY}	
2. _____, Administrative Assistant.....	DY	8 500
Nonacademic Salaries		103 800
<i>Total, Salaries</i>		(125 800)
Wages.....		3 000
Expense.....		68 000
<i>Total, Wages, Expense, and Equipment</i>		(71 000)
<i>Total, Statistical Service Unit</i>		\$196 800

INDIRECT COSTS — STATISTICAL SERVICE UNIT

Account Number 40-10-41-000

1. F. H. Flerchinger, Assistant Director for Research.....	DY	\$ 9 700
Nonacademic Salaries		17 670
<i>Total, Salaries</i>		(27 370)
Expense.....		2 700
Machine Rentals		10 000
<i>Total, Wages, Expense, and Equipment</i>		(12 700)
<i>Total, Indirect Costs — Statistical Service Unit</i>		<u>\$ 40 070</u>

Courses and Curricula

Account Number 00-10-42-000

1. Jessie Howard, Research Specialist with rank of Assistant Professor	ZB	\$ 8 300
<i>Total, Salaries</i>		(8 300)
Wages.....		100
Expense.....		100
<i>Total, Wages, Expense, and Equipment</i>		(200)
<i>Total, Courses and Curricula</i>		<u>\$ 8 500</u>

Central Office on the Use of Space

Account Number 00-10-44-000

1. Harlan D. Bareither, Director.....	ZBY73	\$ 8 800
<i>(Total Salary)</i>		(12 000)
<i>(Includes full time in summer)</i>		
Nonacademic Salaries		7 200
<i>Total, Salaries</i>		(16 000)
Wages.....		3 000
Expense.....		1 200
Equipment.....		300
<i>Total, Wages, Expense, and Equipment</i>		(4 500)
<i>Total, Central Office on the Use of Space</i>		<u>\$ 20 500</u>

Instructional Television

Account Number 00-10-45-000

1. Charles J. McIntyre, Coordinator with rank of Associate Professor	AY	\$ 14 500
2. 0.83 Full Time Equivalent Assistants.....		3 100
Nonacademic Salaries		2 100
<i>Total, Salaries</i>		(19 700)
Wages.....		200
Expense.....		18 100
Expense, Nonrecurring		(15 000)
<i>Total, Wages, Expense, and Equipment</i>		(18 300)
<i>Total, Instructional Television</i>		<u>\$ 38 000</u>

University Honors Programs

Account Number 00-10-48-000

1. Robert E. Johnson, Director.....	ZD37	\$ 6 000
<i>(Total Salary)</i>		(16 100)
2. Jum C. Nunnally, Jr., Associate Director.....	ZDY38	3 750
<i>(Total Salary)</i>		(10 000)
Nonacademic Salaries		3 060
<i>Total, University Honors Programs</i>		<u>\$ 12 810</u>

Alumni Relations and Records

Account Number 00-10-50-000

1. C. E. Bowen, Executive Director.....	FY	\$(16 500)
<i>(Effective July 1, 1959)</i>		
<i>(Salary paid by Alumni Association)</i>		
2. W. H. Rice, Administrative Assistant.....	ZFY	(12 600)
<i>(Effective July 1, 1959)</i>		
<i>(Salary paid by Alumni Association)</i>		

3. E. E. Vance, Director of Field Activities.....	FY	(10 000)
(Effective July 1, 1959)		
(Salary paid by Alumni Association)		
Nonacademic Salaries		33 120
<i>Total, Salaries</i>		(33 120)
Wages.....		4 120
Expense.....		45 960
<i>Total, Wages, Expense, and Equipment</i>		(50 080)
<i>Total, Alumni Relations and Records</i>		\$ 83 200

University of Illinois Foundation

Account Number 00-10-52-000		
1. James C. Colvin, Executive Director.....	FY	\$(15 000)
(Effective July 1, 1959)		
(Salary paid by Foundation)		
2. Charles Hendricks, Jr., Faculty Consultant.....	ZD12	1 125
(Total Salary)		(9 000)
(Salary paid by Foundation)		
<i>Total, Salaries</i>		(1 125)
Expense.....		42 625
Expense, Nonrecurring		(2 000)
<i>Total, Wages, Expense and Equipment</i>		(42 625)
<i>Total, University of Illinois Foundation</i>		\$ 43 750

Illini Center

Account Number 00-10-53-000		
Nonacademic Salaries		\$ 9 510
<i>Total, Salaries</i>		(9 510)
Expense.....		2 900
Rental.....		7 800
<i>Total, Wages, Expense, and Equipment</i>		(10 700)
<i>Total, Illini Center</i>		\$ 20 210

Audit of University Accounts

Account Number 00-10-60-000		
Expense.....		\$ 18 700
<i>Total, Audit of University Accounts</i>		\$ 18 700

Building Program Committee

Account Number 00-10-62-000		
Nonacademic Salaries		\$ 2 520
<i>Total, Salaries</i>		(2 520)
Wages.....		100
Expense.....		325
<i>Total, Wages, Expense, and Equipment</i>		(425)
<i>Total, Building Program Committee</i>		\$ 2 945

Citizens Committee

Account Number 00-10-64-000		
1. George H. Bargh, Director.....	ZDY	.....
Expense.....		\$ 5 500
<i>Total, Citizens Committee</i>		\$ 5 500

Commencement

Account Number 00-10-66-000		
Expense.....		\$ 23 000
<i>Total, Commencement</i>		\$ 23 000

Committee on Student English

Account Number 00-10-68-000		
1. Jessie Howard, Executive Secretary.....	ZB	.....
Nonacademic Salaries		\$ 4 080
<i>Total, Salaries</i>		(4 080)

Expense.....	1 000
Equipment.....	100
<i>Total, Wages, Expense, and Equipment</i>	<u>(1 100)</u>
<i>Total, Committee on Student English</i>	\$ 5 180

General Publications

Account Number 00-10-70-000	
Expense.....	\$ 62 000
<i>Total, General Publications</i>	<u>\$ 62 000</u>

General University Lectures

Account Number 00-10-72-000	
General University Lectures.....	\$ 9 000
<i>Total, General University Lectures</i>	<u>\$ 9 000</u>

Honors Day

Account Number 00-10-76-000	
Wages.....	\$ 750
Expense.....	1 700
Equipment.....	400
<i>Total, Honors Day</i>	<u>\$ 2 850</u>

Incidental and Emergency

Account Number 00-10-80-000	
Expense.....	\$ 4 600
<i>Total, Incidental and Emergency</i>	<u>\$ 4 600</u>

Memberships in Organizations

Account Number 00-10-81-000	
American Council on Education.....	\$ 300
Associated Midwest Universities.....	1 000
Association of American Universities.....	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
Campus Business Men's Association.....	10
Champaign Chamber of Commerce.....	30
Urbana Association of Commerce.....	30
<i>Total, Memberships in Organizations</i>	<u>\$ 5 555</u>

Public Functions

Account Number 00-10-82-000	
Wages.....	\$ 1 100
Expense.....	33 500
<i>Total, Public Functions</i>	<u>\$ 34 600</u>

University Retirement System

Account Number 00-10-90-000	
Expense for employer Contributions (special state appropriation).....	\$2 119 350
<i>Total, University Retirement System</i>	<u>\$2 119 350</u>

Retiring Allowances

Account Number 00-10-92-000	
Salaries paid as retiring allowances to persons retired prior to September, 1942.....	\$ 27 371
<i>Total, Retiring Allowances</i>	<u>\$ 27 371</u>

Safety and Accident Compensation

Account Number 00-10-94-000

Nonacademic Salaries	\$ 19 930
Expense.....	42 000
<i>Total, Safety and Accident Compensation.....</i>	<i>\$ 61 930</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.....	\$ 77 100	\$ 8 750	\$ 85 850
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.....	108 045	2 370	110 415
Agricultural Engineering.....	75 585	6 530	82 115
Agronomy.....	120 450	11 500	131 950
Animal Science.....	162 510	41 750	204 260
Horticulture.....	1 875	1 875	1 875
Dairy Science.....	132 964	60 810	193 774
Food Technology.....	57 665	11 220	68 885
Forestry.....	54 540	8 025	62 565
Home Economics.....	256 470	41 340	297 810
Horticulture.....	72 110	8 580	80 690
Plant Pathology.....	29 215	3 650	32 865
Vocational Agriculture.....	49 645	5 530	55 175
<i>Total, Instruction.....</i>	<i>(1 198 174)</i>	<i>(248 255)</i>	<i>(1 446 429)</i>
<i>Organized Research</i>			
Administration.....	90 565	23 855	114 420
Agricultural Economics.....	164 065	14 154	178 219
Agricultural Engineering.....	110 428	11 920	122 348
Entomology.....	2 440	200	2 640
Agronomy.....	410 105	94 565	504 670
Animal Science.....	279 778	70 200	349 978
Dairy Science.....	212 478	71 750	284 228
Dixon Springs.....	150 730	91 240	241 970
Food Technology.....	132 585	22 080	154 665
Forestry.....	39 555	12 925	52 480
Home Economics.....	36 645	3 200	39 845
Horticulture.....	297 285	39 550	336 835
Plant Pathology.....	83 125	6 450	89 575
Veterinary Research.....	69 425	28 755	98 180
<i>Total, Organized Research.....</i>	<i>(2 079 209)</i>	<i>(490 844)</i>	<i>(2 570 053)</i>
<i>Extension and Public Services</i>			
Administration.....	201 180	38 540	239 720
Agricultural Economics.....	55 585	55 585	55 585
Agricultural Engineering.....	24 990	24 990	24 990
Entomology.....	12 060	12 060	12 060
Agronomy.....	50 220	50 220	50 220
Animal Science.....	30 845	30 845	30 845
County Farm Extension.....	790 845	790 845	790 845
County Home Extension.....	529 160	529 160	529 160
Dairy Science.....	25 315	25 315	25 315

General (Concluded)

	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Dixon Springs.....	13 285	.....	13 285
Forestry.....	23 520	.....	23 520
Home Economics.....	45 665	.....	45 665
Horticulture.....	26 025	.....	26 025
Plant Pathology Extension.....	4 850	.....	4 850
Veterinary Extension.....	7 020	.....	7 020
<i>Total, Extension and Public Services...</i>	<i>(1 840 565)</i>	<i>(38 540)</i>	<i>(1 879 105)</i>
<i>Total, General.....</i>	<i>\$5 117 948</i>	<i>\$777 639</i>	<i>\$5 895 587</i>

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.....	\$ 3 300	1 700	5 000
<i>Total, Instruction.....</i>	<i>(3 300)</i>	<i>(2 000)</i>	<i>(5 300)</i>
<i>Organized Activities Relating to Instruction</i>			
Home Economics Cafeteria Revolving.....	10 680	22 500	33 180
Vocational Agriculture Revolving.....	4 020	25 000	29 020
<i>Total, Organized Activities Relating to Instruction.....</i>	<i>(14 700)</i>	<i>(47 500)</i>	<i>(62 200)</i>
<i>Organized Research</i>			
Estimated Indirect Costs.....	.....	7 500	7 500
Federal Research — Hatch Fund.....	349 457	340 713	690 170
Federal Research — Regional Research Fund	66 485	91 690	158 175
Agricultural Departmental Revolving.....	10 922	63 000	73 922
Joliet Field Revolving.....	.....	6 800	6 800
Agricultural Publications Revolving.....	.....	16 100	16 100
Agricultural Sales Revolving.....	4 950	77 200	82 150
Farm Accounting Revolving.....	10 140	10 140	20 280
Agricultural Engineering Income Revolving..	.....	3 000	3 000
Corn Testing Revolving.....	6 600	10 000	16 600
Central Illinois Seed Increase Revolving....	.....	2 500	2 500
Northern Illinois Experiment Field Revolving	.....	2 500	2 500
Dairy Official Testing Revolving.....	19 056	9 650	28 706
Agricultural Horticulture Horseradish Research.....	.....	5 000	5 000
Federal Research — Agricultural Marketing Act Title II.....	3 600	2 550	6 150
Estimated Private Gifts.....	150 000	100 000	250 000
Estimated U.S. Contracts.....	180 000	60 000	240 000
<i>Total, Organized Research.....</i>	<i>(801 210)</i>	<i>(933 343)</i>	<i>(1 734 553)</i>
<i>Extension and Public Services</i>			
Federal Extension — Research and Market- ing Fund.....	23 900	5 000	28 900
Federal Extension — Smith-Lever Fund....	843 390	738 992	1 582 382
Soil Testing Revolving.....	.....	3 500	3 500
Estimated Endowment Income.....	36 650	24 350	61 000
Estimated Private Gifts.....	500 000	725 000	1 225 000
Estimated U.S. Contracts.....	4 600	.....	4 600
<i>Total, Extension and Public Services...</i>	<i>(1 408 540)</i>	<i>(1 496 842)</i>	<i>(2 905 382)</i>
<i>Auxiliary Enterprises</i>			
Grein Farm Operation.....	.....	6 900	6 900
4-H Memorial Camp Operations.....	4 380	35 500	39 880
<i>Total, Auxiliary Enterprises.....</i>	<i>(4 380)</i>	<i>(42 400)</i>	<i>(46 780)</i>
<i>Total, Restricted.....</i>	<i>\$2 232 130</i>	<i>\$2 522 085</i>	<i>\$4 754 215</i>

Estimated Income from Sales for the General Budget

	1958-59	1959-60
Agricultural Engineering.....	\$ 3 000	.....¹
Agronomy.....	19 000	14 000
Animal Science.....	109 000	.....¹
Dairy Science.....	54 000	54 000
Dixon Springs.....	45 000	45 000
Food Technology.....	1 500	1 500
Horticulture.....	8 000	8 000
Veterinary Research.....	2 000	2 000
<i>Total</i>	<u>\$242 000</u>	<u>\$124 500</u>

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 income of \$124,500 is not realized, appropriations to departments 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

R — Regional Research

T — Agricultural Marketing Title II

Federal Funds, Extension:

K — Research and Marketing Extension

L — Smith-Lever

Fund Number

21

23

28

34

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 the College, Director of Station and Extension Service.....

C-ZBY34	\$ 7 340
S-ZBY33	7 330
L-ZBY33	(7 330)
	(22 000)
- (Total Salary).....
2. J. C. Blair, Dean, Director and Professor, *Emeritus*..... C-RA
3. Robert R. Hudelson, Dean, Director and Professor of Agricultural Economics, *Emeritus*..... C-R
4. W. E. Carroll, Associate Director and Professor, *Emeritus*..... S-R
5. Karl E. Gardner, Associate Dean of College..... C-ZBY 14 000
6. Tom S. Hamilton, Associate Director of Station..... S-ZBY 17 850
7. W. G. Kammlade, Associate Director of Extension Service and Professor of Agricultural Extension.....

E-ZAY55	9 900
L-ZBY45	(8 100)
	(18 000)
- (Total Salary).....
8. J. C. Spittler, Associate Director and Professor, *Emeritus*..... E-R
9. H. W. Bean, Assistant Director of Extension Service.....

C-ZBY20	2 160
E-ZBY40	4 320
L-ZBY40	(4 320)
	(10 800)
- (Total Salary).....
10. Cecil Dale Smith, Assistant Dean of College with rank of Associate Professor..... C-BY 11 000
11. Warren K. Wessels, Assistant to Dean of College with rank of Assistant Professor.....

C-DY25	1 840
S-DY75	5 510
	(7 350)
- (Total Salary).....
12. Anna C. Glover, Editor with rank of Associate Professor, *Emerita*..... S-R

¹ Changed to Revolving Account basis.

13. A. W. Janes, Editor with rank of Associate Professor in Agriculture.....	{S-AY75 H-AY25	7 350 (2 450)
(Total Salary).....		(9 800)
14. Hadley Read, Extension Editor and Associate Professor of Agricultural Extension.....	{S-AY10 E-AY67 L-AY23	1 085 7 310 (2 455)
(Total Salary).....		(10 850)
15. John H. Behrens, Assistant Extension Editor with rank of Assistant Professor.....	{E-BY50 L-BY50	4 375 (4 125)
(Total Salary).....		(8 500)
16. Owen F. Glissendorf, Assistant Professor of Agricultural Communications.....	{C-ZBY50 E-ZBY50	4 250 4 250
(Total Salary).....		(8 500)
17. Harold D. Guither, Assistant Extension Editor and Assistant Professor of Agricultural Extension.....	{E-BY70 L-BY30	6 090 (2 610)
(Total Salary).....		(8 700)
18. Jessie E. Heathman, Assistant Extension Editor and Assistant Professor of Home Economics Extension.....	{E-BY70 L-BY30	6 020 (2 580)
(Total Salary).....		(8 600)
19. Robert A. Jarnagin, Assistant Extension Editor and Assistant Professor of Agricultural Extension.....	{E-BY50 L-BY50	4 300 (4 300)
(Total Salary).....		(8 600)
(On leave without pay 1959-60)		
20. Margery E. Suhre, Assistant Editor with rank of Assistant Professor in Agriculture.....	E-BY	7 800
21. ———, Head of Agricultural Communications.....	{C-BY17 E-BY33	2 195 4 255
(Total Salary).....		(6 450)
22. Jack C. Everly, Assistant Extension Editor and Instructor in Agricultural Extension.....	{E-DY65 L-DY35	5 260 (2 840)
(Total Salary).....		(8 100)
23. Jon F. Greeneisen, Assistant Extension Editor with rank of Instructor in Agriculture.....	{E-DY60 L-DY40	4 080 (2 720)
(Total Salary).....		(6 800)
24. Charles J. Isoline, Assistant Editor with rank of Instructor.....	{E-DY60 L-DY40	4 380 (2 920)
(Total Salary).....		(7 300)
25. Margaret McGlothlin, Assistant Editor with rank of Instructor in Agriculture.....	H-DY50	(3 200)
26. Richard G. Moores, Assistant Editor with rank of Instructor in Agriculture.....	S-DY	6 300
27. ———, Assistant Extension Editor with rank of Instructor in Agriculture.....	E-DY	5 900
28. Louise G. Jones, Assistant Editor with rank of Assistant in Agriculture.....	{S-DY80 H-DY20	4 400 (1 100)
(Total Salary).....		(5 500)
29. Gene Morokoff, Assistant Editor with rank of Assistant in Agriculture.....	{S-DY45 E-DY30 L-DY25	2 340 1 560 (1 300)
(Total Salary).....		(5 200)
30. 0.38 Full Time Equivalent Assistants.....	C-DY	2 275
Nonacademic Salaries.....	C	32 040
Nonacademic Salaries.....	S	38 400
Nonacademic Salaries.....	E	121 380
Total, Salaries.....		(368 845)
Wages.....	C	1 450
Wages, Farm and Home Week.....	C	1 600
Wages.....	S	885
Wages.....	E	8 540
Expense.....	C	4 700
Expense, Farm and Home Week.....	C	6 400
Expense.....	S	20 970
Expense.....	E	26 000

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>		<u>(109 345)</u>
<i>Total, Administration — College.....</i>		\$478 190

Agricultural Departmental Revolving

Account Number 12-15-01-316

I. Fay M. Sims, Research Assistant in Agricultural Economics.....	S-ZDY ⁵⁰	\$ 3 500
(Total Salary).....		(7 000)
Nonacademic Salaries.....	S	7 422
<i>Total, Salaries.....</i>		<u>(10 922)</u>
Wages.....	S	6 000
Expense.....	S	56 000
Equipment.....	S	1 000
<i>Total, Wages, Expense, and Equipment.....</i>		<u>(63 000)</u>
<i>Total, Agricultural Departmental Revolving.....</i>		\$73 922

Joliet Field Revolving

Account Number 12-15-01-342

Wages.....	S	.....
Expense.....	S	\$ 6 800
<i>Total, Joliet Field Revolving.....</i>		\$ 6 800

Agricultural Publications Revolving

Account Number 12-15-01-366

Expense.....	S	\$16 100
<i>Total, Agricultural Publications Revolving.....</i>		\$16 100

Agricultural Sales Revolving

Account Number 12-15-01-378

Nonacademic Salaries.....	S	\$ 4 950
<i>Total, Salaries.....</i>		<u>(4 950)</u>
Wages.....	S	2 700
Expense.....	S	74 000
Equipment.....	S	500
<i>Total, Wages, Expense, and Equipment.....</i>		<u>(77 200)</u>
<i>Total, Agricultural Sales Revolving.....</i>		\$82 150

Auxiliary — Grein Farm Operation

Account Number 18-15-01-732

Wages.....		\$ 3 450
Expense.....		3 450
<i>Total, Auxiliary — Grein Farm Operation.....</i>		\$ 6 900

Robert Allerton Park

Account Number 44-15-01-401

I. Fay H. Root, Assistant Professor of Camp and Park Management.....	E-ZBY ⁵⁰	\$ 4 200
(Total Salary).....		(8 400)
Nonacademic Salaries.....	E	28 620
<i>Total, Salaries.....</i>		<u>(32 820)</u>
Wages.....	E	750
Expense.....	E	12 630
Equipment.....	E	4 800
<i>Total, Wages, Expense, and Equipment.....</i>		<u>(18 180)</u>
<i>Total, Robert Allerton Park.....</i>		\$51 000

Cooperative Investigations**VARIOUS DONORS — RESEARCH — RURAL ELECTRIFICATION**

Account Number 44-15-01-387

1. Floyd L. Herum, Assistant Professor of Agricultural Engineering..... S-ZDY40 \$ 3 090
(Total Salary)..... (7 600)

VARIOUS DONORS — EXTENSION — RURAL ELECTRIFICATION

Account Number 44-15-01-486

1. Floyd L. Herum, Assistant Professor of Agricultural Engineering..... E-ZDY60 \$ 4 510

VARIOUS DONORS — URBAN 4-H CLUB WORK

Account Number 44-15-01-488

1. Lawrence J. Bieber, Associate Professor of Agricultural 4-H Club Work..... E-ZDY50 \$ 4 900
(Total Salary)..... (9 800)

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 \$ 7 140
S-AY42 7 140
E-AY16 2 720 | (17 000) |
| (Total Salary)..... | | |
| 2. J. B. Andrews, Professor, <i>Emeritus</i> | E-R | |
| 3. Chester B. Baker, Professor of Farm Management..... | { C-AY50 5 800
S-AY50 5 800 | (11 600) |
| (Total Salary)..... | | |
| 4. R. W. Bartlett, Professor..... | { C-AY20 2 360
S-AY60 7 080
E-AY20 2 360 | (11 800) |
| (Total Salary)..... | | |
| 5. H. C. M. Case, Professor, <i>Emeritus</i> | C-R | |
| 6. J. B. Cunningham, Professor of Farm Management..... | { E-ZAY25 2 775
L-ZAY25 (2 775) | (11 100) |
| (Total Salary)..... | | |
| 7. H. W. Hannah, Professor of Agricultural Law..... | { C-A50 6 550
S-A50 6 550 | (13 100) |
| (Total Salary)..... | | |
| (Effective second semester 1959-60) | | |
| 8. Thomas A. Hieronymus, Professor of Agricultural Marketing..... | { C-AY30 3 300
S-AY30 3 300
E-AY15 1 650
H-AY25 (2 750) | (11 000) |
| (Total Salary)..... | | |
| 9. G. L. Jordan, Professor..... | { C-AY35 5 005
S-AY65 9 295 | (14 300) |
| (Total Salary)..... | | |
| (On leave with pay six months from September 1, 1959) | | |
| 10. George G. Judge, Professor..... | { S-AY47 6 550
H-AY28 (3 850)
T-AY25 (3 600) | (14 000) |
| (Total Salary)..... | | |
| 11. Norman G. P. Krausz, Professor of Agricultural Law..... | { C-AY50 5 800
S-AY50 5 800 | (11 600) |
| (Total Salary)..... | | |
| 12. D. E. Lindstrom, Professor of Rural Sociology..... | { C-ZAY50 5 800
S-ZAY50 5 800 | (11 600) |
| (Total Salary)..... | | |
| 13. J. W. Lloyd, Professor, <i>Emeritus</i> | C-R | |
| 14. M. L. Mosher, Professor, <i>Emeritus</i> | C-R | |
| 15. Ralph J. Mutti, Professor of Agricultural Marketing..... | { C-AY25 2 750
S-AY75 8 250 | (11 000) |
| (Total Salary)..... | | |

16. Robert C. Ross, Professor	{C-AY50	6 250
(Total Salary)	{S-AY50	6 250
		(12 500)
17. L. H. Simerl, Professor	{E-AY50	5 750
(Total Salary)	{L-AY50	(5 750)
		(11 500)
18. Charles L. Stewart, Professor, <i>Emeritus</i>	C-R	.....
	{E-AY65	7 480
19. Leslie F. Stice, Professor of Agricultural Marketing	{K-AY25	(2 870)
(Total Salary)	{L-AY10	(1 150)
		(11 500)
20. Earl R. Swanson, Professor	{C-AY50	5 800
(Total Salary)	{S-AY50	5 800
		(11 600)
21. William N. Thompson, Professor of Farm Management	{C-AY35	3 850
(Total Salary)	{S-AY65	7 150
		(11 000)
22. Vincent I. West, Professor	{C-AY30	3 300
(Total Salary)	{S-AY30	3 300
	{H-AY40	(4 400)
		(11 000)
23. R. H. Wilcox, Professor, <i>Emeritus</i>	S-R	.....
24. J. E. Wills, Professor of Farm Management	{C-AY40	4 920
(Total Salary)	{S-AY60	7 380
		(12 300)
25. ———, Professor	{C-AY75	8 775
(Total Salary)	{S-AY25	3 325
		(12 100)
26. Alvin T. Anderson, Associate Professor	{E-AY62	6 035
(Total Salary)	{L-AY38	(3 765)
		(9 800)
27. Emer E. Broadbent, Associate Professor of Agricultural Marketing	{C-AY60	6 315
(Total Salary)	{H-AY40	(4 185)
		(10 500)
28. W. D. Buddemeier, Associate Professor of Farm Management	{C-AY50	5 250
(Total Salary)	{S-AY50	5 250
		(10 500)
29. George M. England, Associate Professor	{E-AY41	3 785
(Total Salary)	{K-AY59	(5 365)
		(9 150)
30. Clinton L. Folse, Associate Professor of Rural Sociology	{C-ZAY50	5 300
(Total Salary)	{S-ZAY50	5 300
		(10 600)
31. R. A. Kelly, Associate Professor of Fruit and Vegetable Marketing	{C-AY25	2 290
(Total Salary)	{H-AY75	(6 860)
		(9 150)
32. Allan G. Mueller, Associate Professor of Farm Management	{S-AY33	3 050
(Total Salary)	{H-AY67	(6 100)
		(9 150)
33. E. H. Regnier, Associate Professor	C-ZAY25	2 550
(Total Salary)		(10 200)
34. Franklin J. Reiss, Associate Professor of Farm Management	{E-AY65	6 325
(Total Salary)	{R-AY35	(3 375)
		(9 700)
35. Robert B. Schwart, Associate Professor of Farm Management	{S-DY33	2 965
(Total Salary)	{L-DY67	(6 185)
		(9 150)
36. George B. Whitman, Associate Professor of Farm Management	{E-AY50	4 900
(Total Salary)	{L-AY50	(4 900)
		(9 800)
37. Sheldon W. Williams, Associate Professor of Agricultural Marketing	R-AY25	(2 550)
(Also paid \$7,350 by U.S. Department of Agriculture)		
38. John H. Herbst, Assistant Professor	C-ZBY50	4 400
(Total Salary)		(8 800)

39. Malcolm B. Kirtley, Assistant Professor of Agricultural Marketing.....	{E-BY50 K-BY50	4 450 (4 450)
(Total Salary).....		(8 900)
40. James R. Roush, Assistant Professor of Agricultural Marketing.....	{E-BY25 H-BY50 K-BY25	1 925 (3 855) (1 920)
(Total Salary).....		(7 700)
41. Clarence Schumaier, Assistant Professor.....	{S-BY20 H-BY50 R-BY30	1 600 (4 000) (2 400)
(Total Salary).....		(8 000)
42. P. P. Somers, Assistant Professor of Dairy Science.....	K-ZBY50	(4 100)
(Total Salary).....		(8 200)
43. Delmar F. Wilken, Assistant Professor of Farm Management.....	{E-BY35 H-BY30 L-BY35	3 150 (2 700) (3 150)
(Total Salary).....		(9 000)
44. Donald J. Hunter, Research Associate.....	{S-DY60 H-DY40	4 320 (2 880)
(Total Salary).....		(7 200)
45. Royce A. Hinton, Research Associate in Farm Management.....	R-DY	(7 700)
46. Ralph L. Forrest, Assistant.....	{S-DY50 H-DY50	2 600 (2 600)
(Total Salary).....		(5 200)
47. Fay M. Sims, Research Assistant.....	S-ZDY50	3 500
(Total Salary).....		(7 000)
48. 0.25 Full Time Equivalent Assistants.....	C-E	1 000
49. 1.40 Full Time Equivalent Assistants.....	S-DY	6 110
50. 0.38 Full Time Equivalent Assistants.....	E-DY	2 280
Nonacademic Salaries.....	C	3 540
Nonacademic Salaries.....	S	30 600
<i>Total, Salaries</i>		(327 695)
Wages.....	S	1 654
Expense.....	C	2 370
Expense.....	S	11 500
Equipment.....	S	1 000
<i>Total, Wages, Expense, and Equipment</i>		(16 524)
<i>Total, Agricultural Economics</i>		\$344 219

Farm Management Service

Account Number 09-15-05-926

1. J. B. Cunningham, Professor of Farm Management.....	ZAY50	\$ 5 550
2. Donald G. Smith, Research Associate.....	DY	10 800
<i>Total, Farm Management Service</i>		\$16 350

Farm Accounting Revolving

Account Number 12-15-05-326

Nonacademic Salaries.....	S	\$10 140
<i>Total, Salaries</i>		(10 140)
Wages.....	S	2 940
Expense.....	S	6 700
Equipment.....	S	500
<i>Total, Wages, Expense, and Equipment</i>		(10 140)
<i>Total, Farm Accounting Revolving</i>		\$20 280

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	\$ 6 540 6 540 3 270
(Total Salary).....		(16 350)

2. Harold H. Beaty, Professor.....	{C-AY20 S-AY20 E-AY25 L-AY35	2 300 2 300 2 875 (4 025)
(Total Salary).....		(11 500)
3. Deane G. Carter, Professor, <i>Emeritus</i>	C-R	.....
4. Edwin L. Hansen, Professor.....	{C-AY40 S-AY60	4 720 7 080 (11 800)
(Total Salary).....		
5. Ralph C. Hay, Professor.....	C-ZAY	.....
(Total Salary).....		(12 300)
6. Keith H. Hinchcliff, Professor.....	{E-AY40 R-AY20 L-AY40	4 400 (2 200) (4 400) (11 000)
(Total Salary).....		
7. E. W. Lehmann, Professor, <i>Emeritus</i>	C-R	.....
8. George E. F. Pickard, Professor.....	{C-AY50 S-AY25 H-AY25	6 200 3 100 (3 100) (12 400)
(Total Salary).....		
9. R. I. Shawl, Professor, <i>Emeritus</i>	C-R	.....
10. Arthur L. Young, Professor, <i>Emeritus</i>	C-R	.....
11. F. W. Andrew, Associate Professor.....	{E-AY63 L-AY37	6 255 (3 745) (10 000)
(Total Salary).....		
12. D. G. Jedge, Associate Professor.....	{E-AY50 L-AY50	4 750 (4 750) (9 500)
(Total Salary).....		
13. Benjamin A. Jones, Jr., Associate Professor.....	{C-AY40 S-AY60	3 740 5 610 (9 350)
(Total Salary).....		
14. Dwight F. Kampe, Associate Professor.....	{C-AY40 S-AY60	3 800 5 700 (9 500)
(Total Salary).....		
15. John W. Matthews, Associate Professor.....	C-ZAY50	4 875 (9 750)
(Total Salary).....		
16. Gene C. Shove, Associate Professor.....	{C-AY30 S-AY50 H-AY20	2 850 4 750 (1 900) (9 500)
(Total Salary).....		
17. Howard L. Wakeland, Associate Professor.....	C-ZAY	.....
18. J. Arthur Weber, Associate Professor.....	{C-AY20 S-AY15 H-AY65	1 960 1 440 (6 400) (9 800)
(Total Salary).....		
19. Roger R. Yoerger, Associate Professor.....	{C-AY40 S-AY60	4 200 6 300 (10 500)
(Total Salary).....		
20. H. P. Bateman, Assistant Professor.....	{C-BY10 S-BY20 H-BY70	800 1 600 (5 600) (8 000)
(Total Salary).....		
21. Richard D. Black, Assistant Professor.....	{C-BY30 S-BY70	2 400 5 600 (8 000)
(Total Salary).....		
22. Wendell Bowers, Assistant Professor.....	{C-BY40 E-BY40 L-BY20	3 440 3 440 (1 720) (8 600)
(Total Salary).....		
23. James O. Curtis, Assistant Professor.....	{C-BY50 S-BY50	4 100 4 100 (8 200)
(Total Salary).....		
24. Arthur Muehling, Assistant Professor.....	{S-BY27 R-BY73	2 005 (5 445) (7 450)
(Total Salary).....		

25. Robert M. Peart, Assistant Professor.....	{C-BY67	5 350
(Total Salary).....	{H-BY33	(2 450)
26. J. H. Ramser, Assistant Professor.....	S-BY	7 500
27. Donald R. Daum, Instructor.....	H-DY	(6 800)
28. Roland F. Espenschied, Instructor.....	C-ZDY17	1 400
(Total Salary).....		(4 150)
29. John A. Replogle, Instructor.....	{S-DY54	3 670
(Total Salary).....	{H-DY46	(3 130)
30. Errol D. Rodda, Instructor.....	H-DY65	(6 800)
31. John C. Siemens, Instructor.....	H-ZDY37	(4 390)
(Total Salary).....		(2 550)
32. 1.00 Full Time Equivalent Assistants.....	C-DY	(5 100)
33. 1.83 Full Time Equivalent Assistants.....	S-DY	4 400
Nonacademic Salaries.....	C	8 645
Nonacademic Salaries.....	S	12 510
<i>Total, Salaries</i>		34 488
Wages.....	C	(211 003)
Wages.....	S	1 400
Expense.....	C	3 470
Expense.....	S	3 830
Equipment.....	C	7 150
Equipment.....	S	1 300
<i>Total, Wages, Expense, and Equipment</i>		1 300
<i>Total, Agricultural Engineering</i>		(18 450)
		\$229 453

Agricultural Engineering Income Revolving

Account Number 12-15-10-320

Wages.....	\$ 1 000
Expense.....	2 000
<i>Total, Agricultural Engineering Income Revolving</i>	\$ 3 000

Cooperative Investigations

ILLINOIS FARM SUPPLY — TRACTOR MAINTENANCE

Account Number 44-15-10-342

1. John C. Siemens, Instructor.....	S-ZDY38	\$ 2 550
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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	\$ 8 200
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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-ZAY17	\$ 2 440
(Also State Natural History Survey)		
2. Stevenson Moore III, Associate Professor.....	{E-AY72	6 685
(Total Salary).....	{L-AY28	(2 565)
		(9 250)
3. H. B. Petty, Jr., Associate Professor.....	{E-AY50	5 375
(Total Salary).....	{L-AY50	(5 375)
		(10 750)
4. Clarence E. White, Instructor in Agricultural Entomology		
Extension.....	L-ZDY23	(1 360)
(Total Salary).....		(5 800)
<i>Total, Salaries</i>		(14 500)
Expense.....	S	200
<i>Total, Agricultural Entomology</i>		\$14 700

Cooperative Investigations

U.S.D.A. A 6 EQ 52 — PLANT PEST CONTROL

Account Number 46-15-12-415

1. Clarence E. White, Instructor in Agricultural Entomology		
Extension.....	E-ZDY77	\$ 4 440

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 and Head of Department...	{C-AY40 S-AY40 E-AY20	\$ 7 200 7 200 3 600
(Total Salary).....		(18 000)
2. Samuel R. Aldrich, Professor of Soil Extension.....	{E-AY50 L-AY50	6 150 (6 150)
(Total Salary).....		(12 300)
3. F. C. Bauer, Professor, <i>Emeritus</i>	C-R	.....
4. O. T. Bonnett, Professor of Plant Genetics.....	{C-AY20 S-AY80	2 300 9 200
(Total Salary).....		(11 500)
5. Roger H. Bray, Professor of Soil Fertility.....	{C-AY20 S-AY80	2 460 9 840
(Total Salary).....		(12 300)
6. E. E. DeTurk, Professor, <i>Emeritus</i>	C-R	.....
7. George H. Dungan, Professor, <i>Emeritus</i>	C-R	.....
8. E. B. Earley, Professor of Soil Fertility.....	{C-AY20 S-AY80	2 200 8 800
(Total Salary).....		(11 000)
9. James W. Gerdemann, Professor of Plant Pathology.....	C-ZAY	.....
10. J. E. Gieseking, Professor of Soil Physics.....	{C-AY20 S-AY80	2 200 8 800
(Total Salary).....		(11 000)
11. J. C. Hackleman, Professor, <i>Emeritus</i>	L-R	.....
12. C. F. Hottes, Consulting Plant Physiologist, <i>Emeritus</i>	S-ZR	.....
13. Joseph A. Jackobs, Professor of Crop Production.....	{C-AY20 S-AY80	2 200 8 800
(Total Salary).....		(11 000)
(On leave without pay for two years from October 1, 1958)		
14. Walter C. Jacob, Professor.....	{C-AY50 S-AY50	6 500 6 500
(Total Salary).....		(13 000)
15. R. W. Jugenheimer, Professor of Plant Genetics.....	{C-ZAY20 S-ZAY55	2 500 6 875
(Total Salary).....		(12 500)
16. Benjamin Koehler, Professor, <i>Emeritus</i>	C-ZR	.....
17. L. T. Kurtz, Professor of Soil Fertility.....	{C-AY20 S-AY80	2 300 9 200
(Total Salary).....		(11 500)
18. A. L. Lang, Professor of Soil Fertility.....	{C-AY10 S-AY65 E-AY25	1 150 7 475 2 875
(Total Salary).....		(11 500)
19. John R. Laughnan, Professor of Plant Genetics.....	ZA	.....
20. Earl R. Leng, Professor.....	{C-AY20 S-AY80	2 400 9 600
(Total Salary).....		(12 000)
21. C. M. Linsley, Professor of Soil Extension, <i>Emeritus</i>	L-R	.....
22. Sigurd W. Melsted, Professor of Soils.....	{C-AY20 S-AY80	2 240 8 960
(Total Salary).....		(11 200)
23. Russell T. Odell, Professor of Soil Physics.....	{C-AY20 S-AY80	2 700 10 800
(Total Salary).....		(13 500)
(On leave with pay six months from September 1, 1959)		
24. O. H. Sears, Professor of Soil Biology.....	{C-AY33 S-AY67	3 760 7 540
(Total Salary).....		(11 300)
25. R. S. Smith, Professor, <i>Emeritus</i>	C-R	.....

26. Edward H. Tyner, Professor of Soil Fertility.....	{C-AY25 S-AY50 E-AY25	2 825 5 650 2 825
(Total Salary).....		(11 300)
27. D. C. Wimer, Professor of Soil Physics.....	C-A	9 800
28. C. M. Woodworth, Professor, <i>Emeritus</i>	C-R	.....
29. Denton E. Alexander, Associate Professor.....	{C-AY50 S-AY50	4 850 4 850
(Total Salary).....		(9 700)
(On leave with pay six months from September 1, 1959)		
30. Alvin H. Beavers, Associate Professor of Soil Physics...	{C-AY20 S-AY80	1 940 7 760
(Total Salary).....		(9 700)
31. Charles M. Brown, Associate Professor.....	S-AY	9 150
32. Ambrose W. Burger, Associate Professor.....	{C-AY80 S-AY20	7 760 1 940
(Total Salary).....		(9 700)
(On leave with pay six months from September 1, 1959)		
33. Henry H. Hadley, Associate Professor of Plant Genetics..	{C-AY20 S-AY80	1 940 7 760
(Total Salary).....		(9 700)
34. Richard H. Hageman, Associate Professor.....	{C-AY20 S-AY80	1 940 7 760
(Total Salary).....		(9 700)
35. John B. Hanson, Associate Professor.....	{C-ZAY20 S-ZAY80	2 060 8 240
(Total Salary).....		(10 300)
(On leave with one-half pay one year from September 1, 1959)		
36. Carl N. Hittle, Associate Professor of Plant Genetics....	{C-AY20 S-AY80	2 080 8 320
(Total Salary).....		(10 400)
37. Arthur L. Hooker, Associate Professor.....	C-ZAY	.....
38. Arnold Klute, Associate Professor of Soil Physics.....	{C-AY20 S-AY80	1 940 7 760
(Total Salary).....		(9 700)
(On leave without pay six months from September 1, 1959, and with pay six months from March 1, 1960)		
39. J. W. Pendleton, Associate Professor.....	{S-AY50 E-AY50	4 575 4 575
(Total Salary).....		(9 150)
40. Doyle B. Peters, Associate Professor of Soils.....	H-AY30	(3 300)
41. William F. Purnell, Extension Soil Conservationist and Associate Professor of Soils.....	E-AY	9 250
42. Walter O. Scott, Associate Professor of Crop Extension..	{E-AY50 L-AY50	4 875 (4 875)
(Total Salary).....		(9 750)
43. Fred W. Slife, Associate Professor of Crop Production..	{C-AY20 S-AY80	2 020 8 080
(Total Salary).....		(10 100)
(On leave with pay six months from February 1, 1960)		
44. R. S. Stauffer, Associate Professor, <i>Emeritus</i>	S-R	.....
45. Frank J. Stevenson, Associate Professor of Soil Biology..	{C-AY20 S-AY80	1 940 7 760
(Total Salary).....		(9 700)
46. Ernest D. Walker, Associate Professor, <i>Emeritus</i>	E-R	.....
47. Jack V. Baird, Assistant Professor of Soil Extension....	{E-BY55 L-BY45	4 180 (3 320)
(Total Salary).....		(7 500)
48. C. H. Farnham, Assistant Professor of Crop Production and Soil Fertility.....	S-BY	8 100
49. J. B. Fehrenbacher, Assistant Professor of Soil Physics..	S-BY	8 600
50. Ralph L. Gantz, Assistant Professor of Crop Extension..	{E-BY55 L-BY45	4 240 (3 110)
(Total Salary).....		(7 350)

51. Robert W. Howell, Assistant Professor.....	C-BY	.....
52. P. E. Johnson, Assistant Professor of Soil Fertility.....	{S-BY ₅₀ E-BY ₅₀	3 900 3 900 (7 800)
(Total Salary).....		
53. Lloyd J. McKenzie, Assistant Professor of Agronomy Extension.....	{E-BY ₅₀ L-BY ₅₀	3 750 (3 750)
(Total Salary).....		(7 500)
54. L. B. Miller, Assistant Professor of Soil Fertility.....	S-BY	7 600
55. Earl B. Patterson, Assistant Professor.....	{H-BY ₅₄ R-BY ₄₆	(4 200) (3 600) (7 800)
(Total Salary).....		
56. Burns R. Sabey, Assistant Professor of Soil Physics.....	{C-BY ₅₀ S-BY ₅₀	3 750 3 750 (7 500)
(Total Salary).....		
57. Robert D. Seif, Assistant Professor.....	{C-BY ₃₃ S-BY ₆₇	2 600 5 200 (7 800)
(Total Salary).....		
58. H. J. Snider, Assistant Professor, <i>Emeritus</i>	S-R	.....
59. Alfred Tate, Assistant Professor, <i>Emeritus</i>	E-R	.....
60. Alfred U. Thor, Assistant Professor of Soils, <i>Emeritus</i>	E-R	.....
61. Herman L. Wascher, Assistant Professor of Soil Physics.....	S-BY	8 700
62. Roland O. Weibel, Assistant Professor of Crop Production and Plant Genetics.....	{C-BY ₂₀ S-BY ₈₀	1 740 6 960 (8 700)
(Total Salary).....		
63. Joseph T. Woolley, Assistant Professor.....	C-BY	.....
64. ———, Assistant Professor of Soils.....	{E-BY ₅₅ L-BY ₄₅	4 045 (3 305) (7 350)
(Total Salary).....		
65. C. J. Badger, Associate, <i>Emeritus</i>	S-R	.....
66. David R. Browning, Research Associate.....	S-DY ₅₀	3 600
(Also Southern Illinois University)		
67. John D. Alexander, Research Associate in Soils.....	S-DY	6 900
68. Burton W. Ray, Research Associate in Soils.....	{S-DY ₂₅ H-DY ₇₅	1 775 (5 325) (7 100)
(Total Salary).....		
69. Lester V. Boone, Assistant.....	S-DY	4 800
70. Charles A. Gholson, Assistant.....	S-DY	4 800
71. Don W. Graffis, Assistant.....	S-DY	(5 400)
72. Derrel L. Mulvaney, Assistant in Soil Fertility.....	S-DY	5 400
73. ———, Research Assistant in Soils.....	{S-DY ₈₀ H-DY ₂₀	4 000 (1 000) (5 000)
(Total Salary).....		
74. 2.75 Full Time Equivalent Assistants.....	C-DY	12 600
75. 1.75 Full Time Equivalent Assistants.....	S-DY	7 725
Nonacademic Salaries.....	C	12 510
Nonacademic Salaries.....	S	109 100
Total, Salaries.....		(580 775)
Wages.....	C	5 500
Wages.....	S	13 200
Expense.....	C	4 500
Expense.....	S	71 365
Equipment.....	C	1 500
Equipment.....	S	10 000
Total, Wages, Expense, and Equipment.....		(106 065)
Total, Agronomy.....		\$686 840

Corn Testing Revolving

Account Number 12-15-15-311

Nonacademic Salaries.....	S	\$ 6 600
Total, Salaries.....		(6 600)
Wages.....	S	5 000
Expense.....	S	3 500
Equipment.....	S	1 500
Total, Wages, Expense, and Equipment.....		(10 000)
Total, Corn Testing Revolving.....		\$16 600

Central Illinois Seed Increase Revolving

Account Number 12-15-15-312

Wages.....	S	\$ 500
Expense.....	S	1 000
Equipment.....	S	1 000
<i>Total, Central Illinois Seed Increase Revolving.....</i>		<u>\$ 2 500</u>

Northern Illinois Experiment Field Revolving

Account Number 12-15-15-356

Expense.....	S	\$ 1 500
Equipment.....	S	1 000
<i>Total, Northern Illinois Experiment Field Revolving.....</i>		<u>\$ 2 500</u>

Soil Testing Revolving

Account Number 12-15-15-478

Wages.....	S	\$ 1 000
Expense.....	S	2 000
Equipment.....	S	500
<i>Total, Soil Testing Revolving.....</i>		<u>\$ 3 500</u>

Cooperative Investigations

ROCKEFELLER FOUNDATION — MAIZE POLYPLOIDS

Account Number 44-15-15-373

1. Charles Levings III, Assistant.....	S-DY	\$ 5 000
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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-ZAY40 S-ZAY40 E-ZAY20	\$ 7 140 7 140 3 570
(Total Salary).....		(17 850)
2. Donald E. Becker, Professor.....	{C-AY50 S-AY50	5 500 5 500
(Total Salary).....		(11 000)
3. Sleeter Bull, Professor, <i>Emeritus</i>	C-R	.....
4. Leslie E. Card, Professor.....	C-ZAY	.....
5. J. L. Edmonds, Professor, <i>Emeritus</i>	C-R	.....
6. Richard M. Forbes, Professor of Animal Nutrition.....	{C-AY25 S-AY30 H-AY45	2 800 3 360 (5 040)
(Total Salary).....		(11 200)
7. U. S. Garrigus, Professor.....	{C-AY40 S-AY60	4 480 6 720
(Total Salary).....		(11 200)
8. Tom S. Hamilton, Professor of Animal Nutrition.....	C-ZAY	.....
9. B. Connor Johnson, Professor of Animal Biochemistry..	{C-AY20 S-AY80	2 340 9 360
(Total Salary).....		(11 700)
10. W. G. Kammlade, Professor.....	C-ZAY	.....
11. Joseph Kastelic, Professor of Animal Nutrition.....	{C-AY40 S-AY60	5 520 8 280
(Total Salary).....		(13 800)
12. H. H. Mitchell, Professor, <i>Emeritus</i>	C-R	.....
13. A. V. Nalbandov, Professor of Animal Physiology.....	{C-AY20 S-AY80	2 480 9 920
(Total Salary).....		(12 400)
14. Alvin L. Neumann, Professor.....	{C-AY40 S-AY60	4 640 6 960
(Total Salary).....		(11 600)
15. Horace W. Norton, Professor of Agricultural Statistical Design and Analysis.....	{C-AY25 S-AY75	3 000 9 000
(Total Salary).....		(12 000)

16. Elmer Roberts, Professor, <i>Emeritus</i>	C-R	.....
17. H. G. Russell, Professor of Animal Science Extension...	{E-AY70	8 190
(Total Salary).....	{L-AY30	(3 510)
18. Harold M. Scott, Professor.....	{C-AY40	5 680
(Total Salary).....	{S-AY60	8 520
19. Stanley W. Terrill, Professor.....	{C-AY40	4 400
(Total Salary).....	{S-AY60	6 600
20. H. W. Bean, Associate Professor.....	C-ZAY	(11 000)
21. George R. Carlisle, Associate Professor of Animal Science Extension.....	{E-AY70	6 960
(Total Salary).....	{L-AY30	(3 040)
22. C. W. Crawford, Associate Professor, <i>Emeritus</i>	C-R	(10 000)
23. Ben A. Rasmusen, Associate Professor of Animal Genetics.....	{C-AY50	5 350
(Total Salary).....	{S-AY50	5 350
24. Samuel F. Ridlen, Associate Professor of Poultry Extension.....	{E-BY50	(10 700)
(Total Salary).....	{L-BY50	4 675
25. George Wolf, Associate Professor of Animal Nutrition...	S-ZAY	(4 675)
26. Waco W. Albert, Assistant Professor.....	{C-BY60	(9 350)
(Total Salary).....	{S-BY40	3 200
27. Donald J. Bray, Assistant Professor.....	{C-BY35	3 150
(Total Salary).....	{S-BY50	4 500
28. B. C. Breidenstein, Assistant Professor.....	{H-BY15	(1 350)
(Total Salary).....	{C-BY35	3 150
29. H. H. Draper, Assistant Professor of Animal Nutrition.....	{S-BY45	4 050
(Total Salary).....	{H-BY20	(1 800)
30. Philip J. Dziuk, Assistant Professor.....	{C-BY50	4 500
(Total Salary).....	{S-BY50	4 500
31. Efton E. Hatfield, Assistant Professor.....	{C-BY40	3 280
(Total Salary).....	{S-BY60	4 920
32. Aldon H. Jensen, Assistant Professor.....	{C-BY40	3 280
(Total Salary).....	{S-BY60	4 920
33. Sorab P. Mistry, Assistant Professor of Animal Nutrition.....	{C-BY50	4 225
(Total Salary).....	{S-BY50	4 225
34. George E. Mitchell, Jr., Assistant Professor.....	{C-BY35	2 940
(Total Salary).....	{S-BY40	3 360
35. Desmond M. McAleese, Research Associate.....	{H-BY25	(2 100)
(Total Salary).....	{C-BY40	3 200
36. Mei-Ling Wu Chang, Research Associate in Animal Nutrition.....	{S-BY35	2 800
(Total Salary).....	{H-BY25	(2 000)
37. Marjorie Edman, Research Associate in Animal Nutrition.....	{C-BY40	3 200
38. Terry R. Greathouse, Instructor in Animal Science Extension.....	{S-BY35	2 800
(Total Salary).....	{H-BY25	(2 000)
	{H-ZDY47	(2 800)
	{R-ZDY37	(2 200)
		(6 000)
	S-ZDY82	4 570
		(5 570)
	S-DY	5 850
	{E-DY50	3 400
	{L-DY50	(3 400)
		(6 800)

39. Donald E. Walker, Instructor in Animal Science Extension.....	{E-DY50 L-DY50	4 050 (4 050)
(Total Salary).....		(8 100)
40. Bennie B. Doane, Assistant.....	{C-DY50 S-DY50	2 550 2 550
(Total Salary).....		(5 100)
41. Donald S. Garrigan, Assistant.....	{C-DY40 S-DY60	2 280 3 320
(Total Salary).....		(5 600)
42. W. T. Haines, Assistant in Animal Nutrition.....	{S-DY65 H-DY35	4 305 (2 395)
(Total Salary).....		(6 700)
43. Donald L. McMahan, Assistant.....	S-DY	5 000
44. 3.50 Full Time Equivalent Assistants.....	C-DY	16 400
45. 4.25 Full Time Equivalent Assistants.....	S-DY	19 920
Nonacademic Salaries.....	C	55 425
Nonacademic Salaries.....	S	111 078
<i>Total, Salaries</i>		(473 133)
Wages.....	C	8 250
Wages.....	S	12 270
Expense.....	C	28 500
Expense.....	S	51 680
Equipment.....	C	5 000
Equipment.....	S	6 250
<i>Total, Wages, Expense, and Equipment</i>		(111 950)
<i>Total, Animal Science</i>		\$585 083

Graduate Research — Forbes

Account Number 01-15-20-327

I. Desmond M. McAleese, Research Associate.....	ZDY16	\$ 1 000
(Total Salary).....		(6 000)
<i>Total, Graduate Research — Forbes</i>		\$ 1 000

Animal Science Income Revolving

Account Number 12-15-20-320

Expense.....	S	\$125 000
<i>Total, Animal Science Income Revolving</i>		\$125 000

Cooperative Investigations

HOFFMAN-LA ROCHE — C14 BIOTIN

Account Number 44-15-20-336

I. Maria A. Grillo, Research Associate.....	ZDY36	\$ 2 000
(Total Salary).....		(5 500)

MUSCULAR DYSTROPHY — VITAMIN E IN RATS

Account Number 44-15-20-353

I. Agnes Csallany, Research Assistant.....	S-DY	\$ 5 280
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NATIONAL VITAMIN FOUNDATION — C14 BIOTIN

Account Number 44-15-20-362

I. Maria A. Grillo, Research Associate.....	ZDY64	\$ 3 500
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U.S. AIR FORCE 130

Account Number 46-15-20-301

I. Mostafa S. Mameesh, Research Associate in Animal Nutrition.....	S-DY	\$ 5 600
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U.S. ARMY MD 544

Account Number 46-15-20-303

1. Venkata C. Metta, Research Assistant Professor in Animal Nutrition.....	S-BY	\$ 6 850
2. P. B. Rama Rao, Research Associate in Animal Nutrition.....	S-DY	5 500
<i>Total, U.S. Army MD 544</i>		\$12 350

17. F. H. Mynard, Assistant Professor of Agricultural 4-H Club Work.....	{E-BY65 L-BY35	5 400 (2 900) (8 300)
(Total Salary).....		
18. Fay H. Root, Assistant Professor of Camp and Park Management.....	E-ZBY50	4 200 (8 400)
(Total Salary).....		
19. Hubert J. Wetzel, Assistant Professor of Agricultural 4-H Club Work.....	{E-BY50 L-BY50	4 225 (4 225) (8 450)
(Total Salary).....		
20. George L. Daigh, Jr., Instructor in Agricultural 4-H Club Work.....	{E-DY50 L-DY50	3 600 (3 600) (7 200)
(Total Salary).....		
21. Fred L. Haegele, Instructor in Agricultural 4-H Club Work.....	{E-DY78 L-DY22	4 410 (1 260) (5 670)
(Total Salary).....		
22. O. L. Hogsett, Safety Specialist with rank of Instructor in Agricultural Extension.....	{E-DY50 L-DY50	3 500 (3 500) (7 000)
(Total Salary).....		
23. G. William Stone, Instructor in Agricultural 4-H Club Work.....	{E-DY50 L-DY50	3 900 (3 900) (7 800)
(Total Salary).....		
24. Ruth E. Dickens, Assistant in Rural Recreation.....	{E-DY50 L-DY50	2 650 (2 650) (5 300)
(Total Salary).....		
25. 99 Farm Advisers (46.52 Full Time Equivalent).....	E-ZDY	372 180
99 Farm Advisers (17.94 Full Time Equivalent).....	L-ZDY	(143 550)
Total, All Funds (99.00 Full Time Equivalent).....		(792 066)
26. 54 Assistant Advisers (29.81 Full Time Equivalent).....	E-ZDY	164 700
54 Assistant Advisers (11.83 Full Time Equivalent).....	L-ZDY	(65 340)
Total, All Funds (54.00 Full Time Equivalent).....		(298 344)
27. 29 Assistants in Farm and Home Development (21.37 Full Time Equivalent).....	E-ZDY	137 550
29 Assistants in Farm and Home Development (6.80 Full Time Equivalent).....	L-ZDY	(43 790)
Total, All Funds (29.00 Full Time Equivalent).....	ZDY	(186 692)
28. 1 Assistant in Rural Development (1.00 Full Time Equivalent).....	L-ZDY	(6 650)
Nonacademic Salaries.....	E	27 750
Total, County Farm Extension.....		\$790 845

Auxiliary — 4-H Memorial Camp Operation

Account Number 18-15-25-780

Nonacademic Salaries.....	\$ 4 380
Total, Salaries.....	(4 380)
Wages.....	10 000
Expense.....	24 000
Equipment.....	1 500
Total, Wages, Expense, and Equipment.....	(35 500)
Total, Auxiliary — 4-H Memorial Camp Operation.....	\$39 880

County Farm Bureau — Farm Advisers

Account Number 44-15-25-400

1. 99 Farm Advisers (34.54 Full Time Equivalent).....	E-ZDY	\$276 336
2. 51 Assistant Advisers (12.36 Full Time Equivalent).....	E-ZDY	68 304
3. 7 Assistants in Farm and Home Development (.83 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. _____, State Leader of Home Advisers and Professor of Home Economics Extension.....	{E-AY50 L-AY50	\$ 5 900 (5 900) (11 800)
(Total Salary).....		
2. Lulu S. Black, Professor, <i>Emerita</i>	E-R	.....

3. Gertrude E. Kaiser, Assistant State Leader of Home Advisers and Associate Professor of Home Economics Extension.....	{E-AY75 L-AY25	6 910 (2 240) (9 150)
(Total Salary).....		
(On leave with pay six months from September 1, 1959)		
4. Mary S. Ligon, Assistant State Leader of Home Advisers and Associate Professor of Home Economics Extension..	{E-AY50 L-AY50	4 575 (4 575) (9 150)
(Total Salary).....		
5. Anna W. Searl, Associate Professor, <i>Emerita</i>	E-R	.....
6. Erma Cottingham, Assistant Professor, <i>Emerita</i>	E-R	.....
7. Jeannette B. Dean, Assistant State Leader of Home Advisers and Assistant Professor of Home Economics Extension.....	{E-BY75 L-BY25	5 740 (1 910) (7 650)
(Total Salary).....		
8. Cleo Hall, Assistant State Leader of Home Advisers and Assistant Professor of Home Economics Extension....	{E-BY50 L-BY50	3 825 (3 825) (7 650)
(Total Salary).....		
9. Florence Kimmelshue, Assistant Professor of Home Economics 4-H Club Work.....	{E-BY50 L-BY50	3 850 (3 850) (7 700)
(Total Salary).....		
10. Mary A. McKee, Assistant Professor, <i>Emerita</i>	E-R	.....
11. Anita Smith, Administrative Assistant to State Leader of Home Advisers and Assistant Professor of Home Economics Extension.....	{E-BY50 L-BY50	3 500 (3 500) (7 000)
(Total Salary).....		
12. Marian Sympton, Assistant State Leader of Home Advisers and Assistant Professor of Home Economics Extension.....	{E-BY60 L-BY40	4 680 (3 120) (7 800)
(Total Salary).....		
13. _____, Assistant Professor of Home Economics 4-H Club Work.....	{E-BY60 L-BY40	4 325 (3 025) (7 350)
(Total Salary).....		
14. Alice P. Hare, Instructor in Home Economics 4-H Club Work.....	{E-DY50 L-DY50	2 925 (2 925) (5 850)
(Total Salary).....		
15. Joann Sievers, Instructor in Home Economics 4-H Club Work.....	{E-DY80 L-DY20	4 800 (1 200) (6 000)
(Total Salary).....		
16. Arlene Wolfram, Instructor in Home Economics 4-H Club Work.....	{E-DY50 L-DY50	3 400 (3 400) (6 800)
(Total Salary).....		
17. 95 Home Advisers (58.39 Full Time Equivalent).....	E-ZDY	340 250
95 Home Advisers (28.35 Full Time Equivalent).....	L-ZDY	(165 200)
Total, All Funds.....		(553 594)
18. 32 Assistant Advisers (21.91 Full Time Equivalent).....	E-ZDY	102 050
32 Assistant Advisers (8.31 Full Time Equivalent).....	L-ZDY	(38 720)
Total, All Funds.....		(149 026)
19. 3 Assistants in Farm and Home Development (.21 Full Time Equivalent).....	E-ZDY	1 050
20. 3 Assistants in Farm and Home Development (2.69 Full Time Equivalent).....	L-ZDY	(13 350)
Total, All Funds (3.00 Full Time Equivalent).....		(14 904)
Nonacademic Salaries.....	E	31 380
Total, Salaries.....		(529 160)
Total, County Home Extension.....		\$529 160

County Home Bureau — Home Advisers

Account Number 44-15-30-400

1. 69 Home Advisers (8.26 Full Time Equivalent).....	E-ZDY	\$48 144
2. 20 Assistant Advisers (1.78 Full Time Equivalent).....	E-ZDY	8 256
3. 1 Assistant in Farm and Home Development (.10 Full Time Equivalent).....	E-ZDY	504
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	\$ 7 140 7 140 3 570
(Total Salary).....		(17 850)
2. J. G. Cash, Professor of Dairy Science Extension.....	{E-AY65 L-AY35	7 280 (3 920)
(Total Salary).....		(11 200)
3. Karl E. Gardner, Professor of Nutrition.....	C-ZAY	.....
4. Willard O. Nelson, Professor of Bacteriology.....	{C-AY50 S-AY50	5 550 5 550
(Total Salary).....		(11 100)
(On leave without pay from September 1, 1959 to June 30, 1960)		
5. W. B. Nevens, Professor, <i>Emeritus</i>	C-R	.....
6. C. S. Rhode, Professor, <i>Emeritus</i>	C-R	.....
7. Robert W. Touchberry, Professor of Genetics.....	{C-AY25 S-AY39 R-AY36	2 750 4 295 (3 955)
(Total Salary).....		(11 000)
8. Noland L. VanDemark, Professor of Physiology.....	{C-AY25 S-AY75	3 250 9 750
(Total Salary).....		(13 000)
9. W. W. Yapp, Professor, <i>Emeritus</i>	C-R	.....
10. ———, Professor of Nutrition.....	{C-AY60 S-AY40	6 900 4 600
(Total Salary).....		(11 500)
11. M. H. Alexander, Associate Professor of Dairy Husbandry, <i>Emeritus</i>	C-R	.....
12. Harry P. Broquist, Associate Professor of Biological Chemistry.....	{C-AY25 S-AY75	2 950 8 850
(Total Salary).....		(11 800)
13. Leo R. Fryman, Associate Professor of Dairy Science Extension.....	{E-AY75 L-AY25	6 915 (2 235)
(Total Salary).....		(9 150)
14. K. A. Kendall, Associate Professor.....	{C-AY75 S-AY25	7 200 2 400
(Total Salary).....		(9 600)
15. Bruce L. Larson, Associate Professor of Biological Chemistry.....	{C-AY25 S-AY75	2 490 7 510
(Total Salary).....		(10 000)
16. E. E. Ormiston, Associate Professor of Dairy Husbandry.....	{C-AY50 S-AY50	4 575 4 575
(Total Salary).....		(9 150)
17. Richard E. Brown, Assistant Professor of Nutrition.....	{C-BY40 S-BY47 H-BY13	3 660 4 290 (1 200)
(Total Salary).....		(9 150)
18. John H. Byers, Assistant Professor.....	{C-BY50 S-BY50	4 400 4 400
(Total Salary).....		(8 800)
19. K. E. Harshbarger, Assistant Professor of Nutrition.....	{C-BY50 S-BY50	4 500 4 500
(Total Salary).....		(9 000)
20. Ray L. Hays, Assistant Professor of Physiology.....	{C-BY20 S-BY80	1 640 6 560
(Total Salary).....		(8 200)
21. Meyer J. Wolin, Assistant Professor of Bacteriology.....	{C-BY50 S-BY50	3 725 3 725
(Total Salary).....		(7 450)
22. ———, Assistant Professor.....	{C-BY50 S-BY50	3 675 3 675
(Total Salary).....		(7 350)

23. —————, Assistant Professor	{C-AY ⁵⁰ S-AY ⁵⁰	3 675 3 675
(Total Salary)		(7 350)
24. J. Robert Lodge, Research Associate	{C-ZDY ²⁵ S-ZDY ⁴²	1 750 2 780
(Total Salary)		(6 850)
25. Gerhard W. Harpestad, Instructor in Dairy Science Ex- tension	{E-DY ⁵⁰ L-DY ⁵⁰	3 750 (3 750)
(Total Salary)		(7 500)
26. Ralph V. Johnson, Instructor in Dairy Science Extension	{E-DY ⁵⁰ L-DY ⁵⁰	3 800 (3 800)
(Total Salary)		(7 600)
27. Joann S. Powers, Research Assistant	H-DY	(4 400)
28. —————, Assistant	S-DY	4 800
29. 2.75 Full Time Equivalent Assistants	C-DY	12 350
30. 2.75 Full Time Equivalent Assistants	S-DY	12 450
Nonacademic Salaries	C	45 984
Nonacademic Salaries	S	111 753
Total, Salaries		(370 757)
Wages	C	11 600
Wages	S	13 000
Expense	C	45 210
Expense	S	52 250
Equipment	C	4 000
Equipment	S	6 500
Total, Wages, Expense, and Equipment		(132 560)
Total, Dairy Science		\$503 317

Dairy Official Testing Revolving

Account Number 12-15-35-316

Nonacademic Salaries	S	\$19 056
Total, Salaries		(19 056)
Wages	S	600
Expense	S	8 700
Equipment	S	350
Total, Wages, Expense, and Equipment		(9 650)
Total, Dairy Official Testing Revolving		\$28 706

Cooperative Investigations

U.S. NATIONAL SCIENCE FOUNDATION G 7499

Account Number 46-15-35-359

I. Charles R. Hoover, Research Associate	S-DY	\$ 6 850
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ROCKEFELLER FOUNDATION — FUNDAMENTAL BIOLOGY

Account Number 44-15-35-373

I. J. Robert Lodge, Research Associate	S-ZDY ³³	\$ 2 320
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WISCONSIN-MINNESOTA — COOPERATIVE BULL STUD GROUP

MEASUREMENT OF SPERMATOCYTES

Account Number 44-15-35-392

I. Gerrit C. Vandam, Research Assistant	S-DY	\$ 4 400
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ILLINOIS DAIRY PRODUCTS — CREAM QUALITY

Account Number 44-15-35-440

I. P. P. Somers, Assistant Professor	E-ZBY ⁵⁰	\$ 4 100
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U.S. PUBLIC HEALTH SERVICE E 2363

Account Number 46-15-35-366

I. Grace Weinberg, Research Assistant	S-DY	\$ 4 400
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Dixon Springs Experiment Station

Account Number 00-15-40-300; Station 00-15-40-300; Extension 00-15-40-400

I. R. J. Webb, Superintendent and Professor of Agricultural Research and Extension	{S-AY ⁴² E-AY ³⁵ H-AY ²³	\$ 5 050 4 200 (2 750)
(Total Salary)		(12 000)
(Perquisites University — housing)		

2. Manford E. Mansfield, Associate Professor of Veterinary Research.....	S-ZAY17	1 575
(Total Salary).....		(9 450)
(Perquisites University — housing)		
3. George E. McKibben, Associate Professor of Agricultural Research and Extension.....	{S-AY75 6 865 E-AY25 2 285	(9 150)
(Total Salary).....		
4. H. A. Cate, Assistant Professor of Agricultural Extension.....	{E-BY82 6 800 L-BY18 (1 500)	(8 300)
(Total Salary).....		(300)
(Perquisites Employee — housing).....		
5. George F. Cmarik, Assistant Professor of Agricultural Research.....	S-BY	7 350
6. Leland E. Gard, Assistant Professor of Agricultural Research.....	S-BY	7 750
(Perquisites Employee — housing).....		(300)
7. Alvan R. Gilmore, Assistant Professor of Forestry.....	S-ZBY46	3 625
(Total Salary).....		(7 900)
(Perquisites Employee — housing).....		(300)
8. John M. Lewis, Assistant Superintendent and Assistant Professor of Agricultural Research.....	S-BY	8 700
(Perquisites University — housing)		
9. Robert E. Nelson, Associate Extension Forester.....	S-ZBY	.....
Nonacademic Salaries.....	S	109 815
Total, Salaries.....		(164 015)
Wages.....	S	5 090
Expense.....	S	74 150
Equipment.....	S	12 000
Total, Wages, Expense, and Equipment.....		(91 240)
Total, Dixon Springs Experiment Station.....		\$255 255

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 \$ 3 300 S-AY80 13 200	(16 500)
(Total Salary).....		
2. Ernest O. Herreid, Professor of Dairy Technology.....	{C-AY20 2 240 S-AY80 8 960	(11 200)
(Total Salary).....		
3. Louis B. Howard, Professor.....	C-ZAY	.....
4. Fred A. Kummerow, Professor of Food Chemistry.....	{C-AY20 2 340 S-AY80 9 360	(11 700)
(Total Salary).....		
5. Alvin I. Nelson, Professor of Food Processing.....	{C-AY60 6 900 S-AY40 4 600	(11 500)
(Total Salary).....		
6. Z. John Ordal, Professor of Food Microbiology.....	{C-AY20 2 300 S-AY80 9 200	(11 500)
(Total Salary).....		
7. P. H. Tracy, Professor, <i>Emeritus</i>	C-R	.....
8. S. L. Tuckey, Professor of Dairy Technology.....	{C-AY80 9 200 S-AY20 2 300	(11 500)
(Total Salary).....		
9. Robert McL. Whitney, Professor of Dairy Technology..	{C-AY30 3 450 S-AY70 8 050	(11 500)
(Total Salary).....		
10. ———, Professor of Dairy Technology.....	{C-AY30 3 510 S-AY70 8 190	(11 700)
(Total Salary).....		
11. Marvin P. Steinberg, Associate Professor of Food Engineering.....	{C-AY30 2 745 S-AY70 6 405	(9 150)
(Total Salary).....		
12. Joseph Tobias, Associate Professor of Dairy Technology..	{C-AY60 5 490 S-AY40 3 660	(9 150)
(Total Salary).....		

13. Lloyd D. Witter, Assistant Professor of Food Micro-	{C-BY30	2 790
biology.....	{S-BY70	6 510
(Total Salary).....		(9 300)
14. ———, Research Associate in Food Industry.....	S-DY	6 050
15. John N. McGill, Instructor.....	{C-DY20	1 400
(Total Salary).....	{S-DY80	5 600
16. Mitsuru Uchiyama, Research Assistant.....	H	(7 000)
17. Hans P. S. Riemann, Assistant.....	H-DY	(5 000)
18. 0.75 Full Time Equivalent Assistants.....	C-DY	(6 500)
19. 3.75 Full Time Equivalent Assistants.....	S-DY	3 750
Nonacademic Salaries.....	S-DY	18 280
Nonacademic Salaries.....	C	8 250
<i>Total, Salaries</i>	S	22 220
		(190 250)
Wages.....	S	2 880
Expense.....	C	5 220
Expense.....	S	13 200
Equipment.....	C	6 000
Equipment.....	S	6 000
<i>Total, Wages, Expense, and Equipment</i>		(33 300)
<i>Total, Food Technology</i>		\$223 550

Cooperative Investigations

ILLINOIS HEART ASSOCIATION — DIETARY CHOLESTEROL

Account Number 44-15-50-340

1. Patricia V. Johnston, Assistant Professor.....	S-ZDY67	\$ 4 900
(Total Salary).....		(7 350)

U.S. ARMY QUARTERMASTER 1332

Account Number 46-15-50-314

1. Lun-shin Wei, Research Associate.....	S-DY	\$ 5 370
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U.S. PUBLIC HEALTH SERVICE 257

Account Number 46-15-50-357

1. Taketami Sakuragi, Assistant Professor.....	S-ZDY80	\$ 5 480
(Total Salary).....		(6 850)

U.S. PUBLIC HEALTH SERVICE 1819

Account Number 46-15-50-366

1. Mohan Kokatnur, Research Assistant.....	S-DY	\$ 5 000
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U.S. PUBLIC HEALTH SERVICE A 1671

Account Number 46-15-50-369

1. V. R. Bhalerao, Assistant Professor.....	S-ZDY75	\$ 5 510
2. Masuo Sugai, Research Assistant.....	S-DY	5 000
<i>Total, U.S. Public Health Service A 1671</i>		\$10 510

U.S. PUBLIC HEALTH SERVICE 1947

Account Number 46-15-50-370

1. Harold K. Wilson, Research Assistant.....	S-DY	\$ 5 500
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U.S. PUBLIC HEALTH SERVICE H3063

Account Number 46-15-50-371

1. Toshiro Nishida, Research Assistant.....	S-DY	\$ 5 500
2. Mitsuji Inoue, Research Assistant.....	S-DY	5 000
<i>Total, U.S. Public Health Service H3063</i>		\$10 500

U.S. PUBLIC HEALTH SERVICE 5368

Account Number 46-15-50-372

1. Patricia V. Johnston, Assistant Professor.....	S-ZDY33	\$ 2 450
2. Taketami Sakuragi, Assistant Professor.....	S-ZDY20	1 370
3. V. R. Bhalerao, Assistant Professor.....	S-ZDY25	1 840
(Total Salary).....		(7 350)
<i>Total, U.S. Public Health Service 5368</i>		\$ 5 660

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 S-AY40 E-AY25	\$ 5 810 6 640 4 150
(Total Salary)		(16 600)
2. William R. Boggess, Professor	{C-AY70 S-AY30	7 910 3 390
(Total Salary)		(11 300)
3. Ralph W. Lorenz, Professor	{C-AY40 H-AY60	4 520 (6 780)
(Total Salary)		(11 300)
4. Charles S. Walters, Professor of Wood Technology and Utilization	{C-AY40 S-AY60	4 520 6 780
(Total Salary)		(11 300)
5. L. B. Culver, Associate Professor of Forestry Extension . .	{E-AY50 L-AY50	5 100 (5 100)
(Total Salary)		(10 200)
6. ———, Associate Professor of Forestry Economics . . .	{C-AY40 S-AY60	3 800 5 700
(Total Salary)		(9 500)
7. W. Freeman Bulkley, Associate Extension Forester with rank of Assistant Professor	{E-BY75 L-BY25	5 515 (1 835)
(Total Salary)		(7 350)
8. Howard W. Fox, Assistant Professor	S-ZBY65	4 750
(Total Salary)		(7 350)
9. Alvan R. Gilmore, Assistant Professor	H-ZBY54	4 275
(Total Salary)		(7 900)
10. John K. Guiher, Assistant Professor of Wood Technology and Utilization	{C-BY35 H-BY65	3 055 (4 445)
(Total Salary)		(7 500)
11. Robert E. Nelson, Associate Extension Forester with rank of Assistant Professor	{E-ZBY60 L-ZBY40	4 570 (2 930)
(Total Salary)		(7 500)
12. Charles E. Olson, Jr., Assistant Professor	{C-ZBY37 H-ZBY25	2 750 (1 800)
(Total Salary)		(7 350)
13. Kenneth R. Peterson, Assistant Professor of Wood Technology and Utilization	{C-BY55 H-BY45	4 125 (3 375)
(Total Salary)		(7 500)
14. R. G. Rennels, Assistant Professor	{C-BY83 R-BY17	7 250 (1 500)
(Total Salary)		(8 750)
15. Donald H. Percival, Research Assistant Professor	S-ZDY	800
16. ———, Research Associate	{S-DY77 R-DY23	4 800 (1 400)
(Total Salary)		(6 200)
17. ———, Research Associate	{S-DY40 H-DY60	2 080 (3 120)
(Total Salary)		(5 200)
18. Theodore W. Curtin, Assistant Extension Forester with rank of Instructor	{E-DY65 L-DY35	4 185 (2 215)
(Total Salary)		(6 400)
19. J. J. Jokela, Instructor and Research Associate	{C-DY25 S-DY57 H-DY18	1 860 4 245 (1 345)
(Total Salary)		(7 450)
20. 0.50 Full Time Equivalent Assistants Nonrecurring . . .	E	(1 800)
Nonacademic Salaries	C	8 940
Nonacademic Salaries	S	1 170
Total, Salaries		(117 615)
Wages	C	875
Wages	S	5 290

Expense.....	C	6 700
Expense.....	S	6 635
Equipment.....	C	450
Equipment.....	S	1 000
<i>Total, Wages, Expense, and Equipment.....</i>		(20 950)
<i>Total, Forestry.....</i>		\$138 565

Cooperative Investigations

MRS. C. P. MILLER — SINNISSIPPI FOREST

Account Number 44-15-55-352

1. Howard W. Fox, Assistant Professor..... S-ZBY35 \$ 2 600

U.S. OFFICE OF NAVAL RESEARCH 1834-31

Account Number 46-15-55-355

1. Charles E. Olson, Jr., Assistant Professor..... S-ZBY38 \$ 2 800

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 \$ 6 860
S-AY30 4 575
E-AY25 3 815
(Total Salary)..... (15 250)
2. Kathryn V. Burns, Professor, *Emerita*..... C-R
3. Julia O. Holmes, Professor of Nutrition..... {C-AY16 1 810
H-AY84 (9 190)
(Total Salary)..... (11 000)
4. Nellie L. Perkins, Professor, *Emerita*..... C-R
5. E. Evelyn Smith, Professor, *Emerita*..... C-R
6. Frances O. VanDuyne, Professor of Foods..... {C-AY35 4 270
S-AY65 7 930
(Total Salary)..... (12 200)
7. Geraldine E. Acker, Associate Professor of Foods and Nutrition in Home Economics Extension..... {E-AY50 4 675
L-AY50 (4 675)
(Total Salary)..... (9 350)
8. Grace B. Armstrong, Associate Professor, *Emerita*..... C-R
9. Harriet T. Barto, Associate Professor of Dietetics..... C-A 7 700
10. Mildred Bonnell, Associate Professor..... C-A 8 500
11. Fannie M. Brooks, Associate Professor, *Emerita*..... C-R
12. Ruth C. Freeman, Associate Professor, *Emerita*..... H-R
13. Ruth L. Galbraith, Associate Professor..... {C-AY48 4 820
H-AY52 (5 130)
(Total Salary)..... (9 950)
14. Margaret R. Goodyear, Associate Professor..... C-AY 10 150
15. Edna Walls Hatton, Associate Professor, *Emerita*..... C-R
16. Dorothy S. Iwig, Associate Professor, *Emerita*..... E-R
17. Pearl Z. Janssen, Associate Professor..... C-A 8 400
18. Florence M. King, Associate Professor, *Emerita*..... C-R
19. Margueritte B. Lynch, Associate Professor of Family Life in Home Economics Extension..... {E-AY55 5 140
L-AY45 (4 210)
(Total Salary)..... (9 350)
20. Helen E. McCullough, Associate Professor..... {H-AY15 (1 420)
S-AY15 1 415
R-AY70 (6 615)
(Total Salary)..... (9 450)
21. Queenie B. B. Mills, Associate Professor of Child Development..... C-A 9 000
22. Elizabeth M. Osman, Associate Professor..... {C-AY16 1 610
H-AY84 (8 390)
(Total Salary)..... (10 000)
23. Catherine M. Sullivan, Associate Professor of Home Management..... {E-AY50 4 675
L-AY50 (4 675)
(Total Salary)..... (9 350)
24. Lorraine Trebilcock, Associate Professor..... C-A 7 500

25. Jane Werden, Associate Professor.....	C-AY	10 500
26. Karlyne A. Anspach, Assistant Professor.....	C-B	6 400
27. Pauline N. Brimhall, Assistant Professor of Health Edu- cation.....	{E-BY50 L-BY50	4 250 (4 150)
(Total Salary).....		(8 400)
28. Fern Carl, Assistant Professor, <i>Emerita</i>	C-R	.....
29. Virginia Guthrie, Assistant Professor.....	C-B	6 400
30. Beulah A. Hunzicker, Assistant Professor.....	C-B	7 200
(Perquisites University — one meal)		
31. Willis C. Kauffman, Assistant Professor.....	C-B	6 900
32. Glenna H. Lamkin, Assistant Professor.....	C-B	6 000
33. Beula V. McKey, Assistant Professor of Nutrition.....	{S-BY75 H-BY25	5 515 (1 835)
(Total Salary).....		(7 350)
34. Willie M. Mowrer, Assistant Professor.....	C-B	6 500
35. Elizabeth M. Nyholm, Assistant Professor.....	C-B	6 300
36. K. Virginia Seidel, Assistant Professor of Home Fur- nishings in Home Economics Extension.....	{E-BY49 L-BY51	3 650 (3 800)
(Total Salary).....		(7 450)
37. Clareta Walker, Assistant Professor of Family Life.....	{E-BY50 L-BY50	3 725 (3 725)
(Total Salary).....		(7 450)
38. Gladys J. Ward, Assistant Professor, <i>Emerita</i>	C-R	.....
39. Helen K. Zwolanek, Assistant Professor.....	C-B	6 300
40. ———, Assistant Professor.....	{S-BY45 H-BY55	3 305 (4 045)
(Total Salary).....		(7 350)
41. ———, Assistant Professor.....	C-B	7 700
42. ———, Assistant Professor of Family Economics.....	{E-BY34 H-BY32 L-BY34	2 685 (2 430) (2 685)
(Total Salary).....		(7 800)
43. Anne M. Kylan, Research Associate.....	H-DY	(5 800)
44. Bernadine Bernhardt, Instructor.....	C-D	4 500
45. Robbie G. Blakemore, Instructor.....	C-D	5 800
46. Nyla M. Gorham, Instructor in Foods and Nutrition in Home Economics Extension.....	{E-DY50 L-DY50	3 250 (3 250)
(Total Salary).....		(6 500)
47. Joan C. Graham, Instructor.....	C-ZD75	3 900
(Total Salary).....		(5 200)
48. Mary O. Hubbard, Instructor.....	C-D	5 000
49. Eloise Lorch, Instructor.....	{C-D80 S-D20	4 240 1 060
(Total Salary).....		(5 300)
50. Millicent V. Martin, Instructor.....	C-D	5 200
51. Marjorie E. Mead, Instructor in Clothing.....	{E-DY50 L-DY50	3 250 (3 250)
(Total Salary).....		(6 500)
52. Patricia A. Robinson, Instructor.....	C-D	5 100
53. Esther Siemen, Instructor in Clothing.....	{E-DY50 L-DY50	3 300 (3 300)
(Total Salary).....		(6 600)
54. Robert B. Smith, Instructor in Music.....	C-ZD50	3 000
(Total Salary).....		(6 000)
55. ———, Instructor in Home Furnishings.....	{E-DY50 L-DY50	3 250 (3 250)
(Total Salary).....		(6 500)
56. Han Lin Hwang Chen, Assistant.....	H-DY	(4 800)
57. Dorothy C. Ebner, Assistant.....	{S-DY55 H-DY45	2 640 (2 160)
(Total Salary).....		(4 800)
58. Helen M. House, Assistant.....	C-E	4 600
59. Jeanne M. Jackson, Assistant.....	C-E	4 700
60. Vivian P. Larson, Assistant.....	C-E	4 300
(Perquisites University — one meal)		

61. Carol L. Loomis, Assistant.....	{S-DY ²² H-DY ⁷⁸	I 215 (4 285)
(Total Salary).....		(5 500)
62. Mary L. Pate, Assistant.....	C-E	4 800
63. _____, Assistant.....	C-E	3 800
64. 5.00 Full Time Equivalent Assistants.....	C-E	19 620
Nonacademic Salaries.....	C	36 030
Nonacademic Salaries.....	S	10 050
Total, Salaries.....		(338 780)
Wages.....	C	5 680
Expense.....	C	33 460
Expense.....	S	1 700
Equipment.....	C	2 200
Equipment.....	S	1 500
Total, Wages, Expense, and Equipment.....		(44 540)
Total, Home Economics.....		\$383 320

Home Economics Cafeteria Revolving

Account Number 12-15-60-212

Nonacademic Salaries.....	\$10 680
Total, Salaries.....	(10 680)
Wages.....	1 500
Expense.....	20 000
Equipment.....	1 000
Total, Wages, Expense, and Equipment.....	(22 500)
Total, Home Economics Cafeteria Revolving.....	\$33 180

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-AY ⁴⁰ S-AY ⁴⁵ E-AY ¹⁵	\$ 6 200 6 975 2 325
(Total Salary).....		(15 500)
2. H. W. Anderson, Professor, <i>Emeritus</i>	C-R	.....
3. Arthur S. Colby, Professor, <i>Emeritus</i>	C-R	.....
4. M. J. Dorsey, Professor, <i>Emeritus</i>	C-R	.....
5. Walter A. Huelsen, Professor of Vegetable Crops.....	{C-AY ²⁰ S-AY ⁸⁰	2 200 8 800
(Total Salary).....		(11 000)
6. M. B. Linn, Professor of Plant Pathology.....	C-ZAY	.....
7. Richard V. Lott, Professor of Pomology.....	{C-AY ²⁰ S-AY ⁸⁰	2 200 8 800
(Total Salary).....		(11 000)
8. V. G. Milum, Professor of Apiculture.....	{C-AY ³⁰ S-AY ⁷⁰	3 300 7 700
(Total Salary).....		(11 000)
9. Dwight Powell, Professor of Plant Pathology.....	C-ZAY	.....
10. F. F. Weinard, Professor of Floriculture.....	{C-AY ³⁰ S-AY ⁷⁰	3 300 7 700
(Total Salary).....		(11 000)
11. Charles Y. Arnold, Associate Professor of Vegetable Crops.....	{C-AY ³⁰ S-AY ⁷⁰	3 150 7 350
(Total Salary).....		(10 500)
12. William P. Bemis, Associate Professor of Vegetable Crops.....	{C-AY ⁴⁰ H-AY ⁶⁰	3 690 (5 460)
(Total Salary).....		(9 150)
13. J. R. Culbert, Associate Professor of Floriculture.....	{C-AY ⁵⁰ S-AY ⁵⁰	4 575 4 575
(Total Salary).....		(9 150)
14. Daniel F. Dayton, Associate Professor of Plant Breeding.....	{C-AY ⁴⁸ H-AY ⁵²	4 350 (4 800)
(Total Salary).....		(9 150)
15. Lothar A. Joos, Associate Professor of Climatology.....	S-AY	.....

16. James R. Kamp, Associate Professor of Floriculture.....	{C-AY30	3 150
(Total Salary).....	{S-AY70	7 350
		(10 500)
17. J. P. McCollum, Associate Professor of Vegetable Crops..	{C-AY30	3 060
(Total Salary).....	{S-AY70	7 140
		(10 200)
18. James B. Mowry, Associate Professor.....	S-AY50	4 900
(Also Southern Illinois University)		
19. Norman F. Oebker, Associate Professor.....	{E-AY49	4 685
(Total Salary).....	{L-AY51	(4 465)
		(9 150)
20. Roy K. Simons, Associate Professor of Pomology.....	{C-AY25	2 275
(Total Salary).....	{S-AY75	6 875
		(9 150)
21. Anson E. Thompson, Associate Professor of Vegetable Crops.....	{C-AY58	5 300
(Total Salary).....	{H-AY42	(3 850)
(On leave without pay two years from September 1, 1958)		(9 150)
22. John S. Titus, Associate Professor of Pomology.....	{C-AY25	2 500
(Total Salary).....	{S-AY75	7 500
		(10 000)
23. Charles E. Ackerman, Assistant Professor of Floriculture	{C-BY25	1 900
(Total Salary).....	{E-BY75	5 700
		(7 600)
24. Herbert C. Barrett, Assistant Professor of Plant Breeding	S-BY	7 800
	{C-BY25	2 145
25. Harleigh R. Kemmerer, Assistant Professor.....	{E-BY40	3 440
(Total Salary).....	{L-BY35	(3 015)
		(8 600)
26. Joseph C. McDaniel, Assistant Professor.....	S-BY	7 350
27. Frank W. Owen, Assistant Professor.....	{E-BY65	5 525
(Total Salary).....	{L-BY35	(2 975)
		(8 500)
28. Ashby M. Rhodes, Assistant Professor.....	S-BY	7 350
29. Lee A. Somers, Assistant Professor, <i>Emeritus</i>	E-R	.....
30. B. L. Weaver, Assistant Professor, <i>Emeritus</i>	C-R	.....
31. Chester C. Zych, Assistant Professor.....	{C-BY25	1 875
(Total Salary).....	{S-BY75	5 625
		(7 500)
32. Robert Alden Miller, Research Associate.....	S-DY	5 500
33. Roger W. Hepler, Research Associate.....	{S-DY87	(4 790)
(Total Salary).....	{H-DY13	(710)
		(5 500)
34. J. Wilson Courter, Instructor.....	{E-DY70	4 350
(Total Salary).....	{L-DY30	(1 650)
		(6 000)
35. Gail M. Fosler, Instructor in Floriculture.....	{C-DY25	1 775
(Total Salary).....	{S-DY75	5 325
		(7 100)
36. John E. Fucik, Instructor in Pomology.....	{C-DY20	1 140
(Total Salary).....	{S-DY80	4 560
		(5 700)
37. Donald C. Saupe, Instructor in Floriculture.....	{C-DY20	1 120
(Total Salary).....	{S-DY80	4 480
		(5 600)
38. 0.75 Full Time Equivalent Assistants.....	C-DY	3 800
39. 2.75 Full Time Equivalent Assistants.....	S-DY	13 000
Nonacademic Salaries.....	C	12 120
Nonacademic Salaries.....	S	149 490
Total, Salaries.....		(397 295)
Wages.....	C	980
Wages.....	S	5 970
Expense.....	C	6 600

Expense.....	S	31 280
Equipment.....	C	1 000
Equipment.....	S	2 300
<i>Total, Wages, Expense, and Equipment.....</i>		(48 130)
<i>Total, Horticulture.....</i>		\$445 425

Horticulture — Horseradish Research

Account Number 03-15-65-300

Expense.....	\$ 5 000
<i>Total, Horticulture — Horseradish Research.....</i>	\$ 5 000

Plant Pathology

Account Number 00-15-68-100

1. Wayne M. Bever, Professor and Head of Department...	{C-AY50 S-AY50	\$ 7 625 7 625
(Total Salary).....		(15 250)
2. Lindsay M. Black, Professor.....	C-ZA	.....
3. J. Cedric Carter, Professor.....	C-AY	.....
4. James W. Gerdemann, Professor.....	{C-ZAY40 S-ZAY60	4 400 6 600
(Total Salary).....		(11 000)
5. David Gottlieb, Professor.....	{C-AY20 S-AY80	2 500 10 000
(Total Salary).....		(12 500)
6. Benjamin Koehler, Professor, <i>Emeritus</i>	S-ZR	.....
7. Maurice B. Linford, Professor.....	{C-AY20 S-AY80	2 360 9 440
(Total Salary).....		(11 800)
8. M. B. Linn, Professor.....	{C-ZAY20 S-ZAY80	2 370 9 480
(Total Salary).....		(11 850)
9. Dwight Powell, Professor.....	{C-ZAY20 S-ZAY80	2 400 9 600
(Total Salary).....		(12 000)
10. H. H. Thornberry, Professor.....	{C-AY20 S-AY80	2 330 9 320
(Total Salary).....		(11 650)
11. Arthur L. Hooker, Associate Professor.....	{C-ZAY20 S-ZAY80	1 830 7 320
(Total Salary).....		(9 150)
12. Michael P. Britton, Assistant Professor in Plant Pa- thology Extension.....	{E-BY64 L-BY36	4 850 (2 800)
(Total Salary).....		(7 650)
13. Donald W. Chamberlain, Assistant Professor.....	C-BY	.....
14. Jeweus Craig, Research Associate.....	H-ZDY37	(2 200)
(Total Salary).....		(6 000)
15. 0.75 Full Time Equivalent Assistants.....	C-DY	3 400
16. 1.25 Full Time Equivalent Assistants.....	S-DY	6 300
Nonacademic Salaries.....	C	7 440
<i>Total, Salaries.....</i>		(117 190)
Wages.....	C	300
Wages.....	S	750
Expense.....	C	2 950
Expense.....	S	4 725
Equipment.....	C	400
Equipment.....	S	975
<i>Total, Wages, Expense, and Equipment.....</i>		(10 100)
<i>Total, Plant Pathology.....</i>		\$127 290

Cooperative Investigations

U.S. NATIONAL SCIENCE FOUNDATION G7265

Account Number 46-15-68-355

1. Jeweus Craig, Research Associate.....	S-ZDY63	\$ 3 800
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U.S. PUBLIC HEALTH SERVICE E618

Account Number 46-15-68-366

1. Elizabeth T. Gaudy, Research Assistant.....	S-DY	\$ 4 400
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Veterinary Research

Account Number 00-15-70-300

1. C. A. Brandly, Professor and Head of Department.....	S-ZAY25	\$ 5 125
(Total Salary).....		(20 500)
2. J. O. Alberts, Professor.....	S-ZAY35	4 900
(Total Salary).....		(14 000)
3. Paul D. Beamer, Professor.....	S-ZAY25	3 080
(Total Salary).....		(12 300)
4. Alvin B. Hoerlein, Professor.....	S-ZAY35	4 025
(Total Salary).....		(11 700)
5. Norman D. Levine, Professor.....	S-ZAY35	4 450
(Total Salary).....		(12 700)
(On leave with pay six months from February 1, 1959)		
6. Roger P. Link, Professor.....	S-ZAY10	1 220
(Total Salary).....		(12 200)
7. Elwood F. Reber, Professor.....	S-ZAY71	8 300
(Total Salary).....		(11 700)
8. L. E. St. Clair, Professor.....	S-ZAY25	3 250
(Total Salary).....		(13 000)
9. Jesse Sampson, Professor.....	S-ZAY30	3 660
(Total Salary).....		(12 200)
10. Deam H. Ferris, Associate Professor.....	S-ZAY	.....
11. Manford E. Mansfield, Associate Professor of Veterinary Research and Extension.....	(S-ZAY17 L-ZAY66)	1 575 (6 300)
(Total Salary).....		(9 450)
12. George T. Woods, Associate Professor of Veterinary Extension.....	E-ZAY60	5 760
(Total Salary).....		(9 600)
13. Lyle E. Hanson, Assistant Professor.....	S-ZBY87	9 450
(Total Salary).....		(10 800)
14. Jesse R. Pickard, Assistant Professor.....	(E-ZBY13 L-ZBY47)	1 260 (4 440)
(Total Salary).....		(9 500)
15. Denzil E. Dees, Instructor.....	H-ZDY65	(4 430)
(Total Salary).....		(6 800)
16. Lloyd C. Helper, Instructor.....	S-ZDY30	1 920
(Total Salary).....		(6 500)
17. Merlin L. Kaeberle, Instructor.....	S-ZDY30	2 070
(Total Salary).....		(6 900)
18. Dean I. Newton, Instructor.....	S-ZDY	6 500
19. A. H. Safanie, Instructor.....	S-ZDY10	930
(Total Salary).....		(9 300)
20. John E. Schmidt, Instructor.....	S-DY75	4 350
Nonacademic Salaries.....	S	4 620
Total, Salaries.....		(76 445)
Wages.....	S	3 800
Expense.....	S	24 955
Total, Wages, Expense, and Equipment.....		(28 755)
Total, Veterinary Research.....		\$105 200

Cooperative Investigations

U.S. ARMY MD 728

Account Number 46-15-70-303

1. J. C. Bartley, Instructor.....	S-DY38	\$ 2 250
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U.S. PUBLIC HEALTH SERVICE E 790

Account Number 46-15-70-367

1. Wilhelm F. Schaeffler, Instructor.....	S-ZDY8	\$ 450
(Total Salary).....		(4 350)

Vocational Agriculture

Account Number 00-15-75-100

1. Melvin Henderson, Professor.....	C-AY	\$12 000
2. John W. Matthews, Associate Professor.....	C-ZAY50	4 875
(Total Salary).....		(9 750)
3. Herbert J. Rucker, Associate Professor, <i>Emeritus</i>	C-R	.....
4. William H. Witt, Associate Professor.....	C-AY	9 750
5. John H. Herbst, Assistant Professor.....	C-ZBY50	4 400
(Total Salary).....		(8 800)
6. Roland F. Espenschied, Instructor.....	C-ZDY33	2 750
(Total Salary).....		(4 150)
7. Ellery L. Knake, Instructor.....	C-DY66	5 550
Nonacademic Salaries.....	C	10 320
<i>Total, Salaries</i>		(49 645)
Wages.....	C	420
Expense.....	C	5 110
<i>Total, Wages, Expense, and Equipment</i>		(5 530)
<i>Total, Vocational Agriculture</i>		\$55 175

Vocational Agriculture Revolving

Account Number 12-15-75-270

Nonacademic Salaries.....		\$ 4 020
<i>Total, Salaries</i>		(4 020)
Wages.....		3 000
Expense.....		22 000
<i>Total, Wages, Expense, and Equipment</i>		(25 000)
<i>Total, Vocational Agriculture Revolving</i>		\$29 020

Federal Research**Hatch Fund**

Account Number 21-15-00-300

Academic Salaries (see H in departmental budgets).....		\$267 335
Nonacademic Salaries.....		82 122
<i>Total, Salaries</i>		(349 457)
Wages.....		60 653
Expense.....		245 652
Equipment.....		34 408
<i>Total, Wages, Expense, and Equipment</i>		(340 713)
<i>Total, Hatch Fund</i>		\$690 170

Regional Research Fund

Account Number 23-15-00-300

1. Academic Salaries (see R in departmental budgets).....		\$52 795
Nonacademic Salaries.....		13 690
<i>Total, Salaries</i>		(66 485)
Wages.....		25 244
Expense.....		58 446
Equipment.....		8 000
<i>Total, Wages, Expense, and Equipment</i>		(91 690)
<i>Total, Regional Research Fund</i>		\$158 175

Agricultural Marketing Act Title II

Account Number 28-15-00-300

1. Academic Salaries (see T in departmental budgets).....		\$ 3 600
<i>Total, Salaries</i>		(3 600)
Expense.....		2 550
<i>Total, Wages, Expense, and Equipment</i>		(2 550)
<i>Total, Agricultural Marketing Act Title II</i>		\$ 6 150

Federal Extension**Research and Marketing Extension Fund**

Account Number 34-15-00-400

1. Academic Salaries (see K in departmental budgets).....		\$23 900
<i>Total, Salaries</i>		(23 900)

Expense.....	5 000
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(5 000)</i>
<i>Total, Research and Marketing Extension Fund.....</i>	<i>\$28 900</i>

Smith-Lever Fund

Account Number 36-15-00-400

1. Academic Salaries (see L in departmental budgets).....	\$843 390
<i>Total, Salaries.....</i>	<i>(843 390)</i>
Wages.....	18 282
Expense.....	716 710
Equipment.....	4 000
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(738 992)</i>
<i>Total, Smith-Lever Fund.....</i>	<i>\$1 582 382</i>

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

	General	Wages, Ex- pense, and Equipment	Total
<i>Instruction</i>	<i>Salaries</i>		
Administration.....	\$ 104 080	\$37 940	\$ 142 020
Accountancy.....	255 610	6 345	261 955
Business Education.....	47 010	3 400	50 410
Business Law.....	51 670	780	52 450
Economics.....	363 805	9 000	372 805
Finance.....	132 940	3 375	136 315
Graduate School of Business Administration..	12 000	3 000	15 000
Management.....	114 810	3 300	118 110
Marketing.....	131 350	3 300	134 650
<i>Total, Instruction.....</i>	<i>(1 213 275)</i>	<i>(70 440)</i>	<i>(1 283 715)</i>
<i>Organized Research</i>			
Bureau of Economic and Business Research..	72 215	19 500	91 715
<i>Extension and Public Services</i>			
Bureau of Business Management.....	57 910	9 400	67 310
<i>Total, General.....</i>	<i>\$1 343 400</i>	<i>\$99 340</i>	<i>\$1 442 740</i>

Restricted

	Salaries	Wages, Ex- pense, and Equipment	Total
<i>Instruction</i>			
Executive Development Program Revolving..	.....	\$12 000	\$ 12 000
Commerce Student Placement Revolving.....	.....	1 200	1 200
Estimated Endowment Income.....	\$ 1 200	15 000	16 200
<i>Total, Instruction.....</i>	<i>(1 200)</i>	<i>(28 200)</i>	<i>(29 400)</i>
<i>Organized Research</i>			
Bureau of Economic and Business Research			
Revolving.....	.....	5 000	5 000
Estimated Private Gifts.....	40 000	24 000	64 000
Estimated U.S. Contracts.....	.....	1 200	1 200
<i>Total, Organized Research.....</i>	<i>(40 000)</i>	<i>(30 200)</i>	<i>(70 200)</i>
<i>Extension and Public Services</i>			
Business Management Revolving.....	1 440	11 500	12 940
<i>Total, Restricted.....</i>	<i>\$42 640</i>	<i>\$69 900</i>	<i>\$112 540</i>

Administration

Account Number 00-17-01-100		
1. Paul M. Green, Dean.....	ZBY	\$ 22 000
2. C. M. Thompson, Dean and Professor of Economics, Emeritus.....	R	.....
3. Robert G. Seymour, Director of Executive Development Center.....	ZBY	13 000
4. Dorothy Litherland, Associate Dean.....	ZBY75	10 900
(Total Salary).....		(14 000)
(Includes full time in summer)		

5. John L. Johnson, Director of Placement and Assistant Professor of Business Administration.....	BY	9 200
6. Stanley C. Robinson, Professor of Business Administration.....	ZAY	.....
7. C. Clyde Jones, Assistant Dean.....	ZDY60	5 900
(Total Salary)		(10 000)
(Includes full time in summer)		
8. Charles A. D'Ambrosio, Student Counselor.....	ZDY50	2 450
(Total Salary)		(4 450)
9. Frank Johnson, Student Counselor.....	ZDY30	1 450
(Total Salary)		(3 450)
(Includes half time in summer)		
Nonacademic Salaries		39 180
<i>Total, Salaries</i>		(104 080)
Wages.....		4 000
Expense.....		15 280
Contingent.....		3 000
Convention Travel		5 000
Nonrecurring Unassigned		(2 000)
Equipment.....		10 660
<i>Total, Wages, Expense, and Equipment</i>		(37 940)
<i>Total, Administration</i>		\$142 020

Executive Development Program Revolving

Account Number 12-17-01-122

Wages.....	\$ 7 000
Expense.....	5 000
<i>Total, Executive Development Program Revolving....</i>	<i>\$ 12 000</i>

Commerce Student Placement Revolving

Account Number 12-17-01-177

Expense.....	\$ 1 200
<i>Total, Commerce Student Placement Revolving.....</i>	<i>\$ 1 200</i>

Accountancy

Account Number 00-17-05-100

1. C. A. Moyer, Professor and Head of Department.....	A	\$ 15 000
2. Norton M. Bedford, Professor.....	A	13 300
3. Robert I. Dickey, Professor.....	A	13 300
4. Dorothy Litherland, Professor.....	ZAY25	3 100
(Total Salary)		(14 000)
5. A. C. Littleton, Professor, <i>Emeritus</i>	R	.....
6. Gaze E. Lukas, Professor.....	A	10 600
7. R. K. Mautz, Professor.....	A	13 500
8. Lloyd Morey, Professor, <i>Emeritus</i>	ZR	.....
9. Hale L. Newcomer, Professor.....	A	11 500
10. Kenneth W. Perry, Professor.....	A	9 500
11. Charles F. Schlatter, Professor, <i>Emeritus</i>	R	.....
12. H. T. Scovill, Professor, <i>Emeritus</i>	R	.....
13. E. L. Theiss, Professor, <i>Emeritus</i>	R	.....
14. William E. Thomas, Jr., Professor.....	A	10 500
15. Nelson D. Wakefield, Professor.....	A	10 500
16. Gerald D. Brighton, Associate Professor.....	A	8 400
17. Charles H. Griffin, Associate Professor.....	A	9 200
18. Robert E. Schlosser, Associate Professor.....	A	8 500
19. Donald H. Skadden, Associate Professor.....	A	9 000
20. Arthur R. Wyatt, Associate Professor.....	A	9 300
21. Vernon K. Zimmerman, Associate Professor.....	A	8 500
22. C. C. DeLong, Assistant Professor.....	ZDY	.....
23. Edwin J. DeMaris, Assistant Professor.....	B	8 000
24. William L. Ferrara, Assistant Professor.....	B	7 000
25. Hellfried P. Holzer, Assistant Professor.....	B	7 500
26. Hershel M. Anderson, Instructor.....	D75	3 450

27. Harold E. Arnett, Instructor.....	D	4 700
28. Jack G. Barnhill, Instructor.....	D75	3 500
29. Nancy A. Desmond, Instructor.....	D	4 500
30. Philip E. Fess, Instructor.....	D	4 800
31. James W. Giese, Instructor.....	D75	3 500
32. George C. Mead, Instructor.....	D75	3 400
33. Thomas Williams, Instructor.....	D50	2 300
34. Mervyn W. Wingfield, Instructor.....	D	4 600
35. Cecil E. Worrells, Instructor.....	D75	3 500
36. 5.25 Full Time Equivalent Assistants.....	E	21 050
Nonacademic Salaries		10 110
<i>Total, Salaries</i>		(255 610)
Expense.....		6 345
<i>Total, Accountancy</i>		\$261 955

Business Education

Account Number 00-17-10-100		
1. Arnold C. Condon, Professor and Head of Department A		\$ 12 000
2. Floyd L. Crank, Associate Professor.....	ZD55	3 850
(Total Salary)		(7 000)
3. Elizabeth R. Melson, Associate Professor.....	A	8 500
4. Mabel R. Hagan, Assistant Professor, <i>Emerita</i>	ZR	.....
5. Ralph E. Mason, Assistant Professor.....	{B50	3 925
(Total Salary)	{BY50	4 825
6. Mildred E. Reed, Assistant Professor.....	B	6 600
7. Anna K. Mahaffey, Assistant.....	E	4 250
8. .50 Full Time Equivalent Assistants.....		1 800
Nonacademic Salaries		1 260
<i>Total, Salaries</i>		(47 010)
Expense.....		3 400
<i>Total, Business Education</i>		\$ 50 410

Business Law

Account Number 00-17-15-100		
1. E. R. Dillavou, Professor and Head of Department....	A	\$ 16 000
2. C. C. Curtis, Professor, <i>Emeritus</i>	R	.....
3. Paul C. Roberts, Professor.....	A	11 000
4. B. F. Kirkpatrick, Associate Professor.....	A	8 000
5. Robert L. Black, Jr., Assistant Professor.....	B	6 900
6. Robert N. Corley, Assistant Professor.....	B	7 250
7. John B. Hyde, Assistant Professor.....	BI2	900
Nonacademic Salaries		1 620
<i>Total, Salaries</i>		(51 670)
Expense.....		780
<i>Total, Business Law</i>		\$ 52 450

Economics

Account Number 00-17-20-100		
1. J. F. Bell, Professor.....	A}	\$ 16 000
Chairman of Department.....	B}	
2. H. K. Allen, Professor.....	A	13 750
(On leave with pay second semester 1959-60)		
3. V Lewis Bassie, Professor.....	ZAY	.....
4. Hans J. Brems, Professor.....	A	13 100
5. Pembroke H. Brown, Professor, <i>Emeritus</i>	R	.....
6. W. Ellison Chalmers, Professor.....	ZAY	.....
7. John F. Due, Professor.....	A	13 300
8. Robert Ferber, Research Professor.....	ZAY	.....
9. Dwight P. Flanders, Professor.....	A	12 250
10. H. M. Gray, Professor.....	A	12 500
11. Robert W. Harbeson, Professor.....	A	11 000
12. Donald L. Kemmerer, Professor.....	A	13 100
(On leave without pay second semester 1959-60)		

13. Simon Litman, Professor, <i>Emeritus</i>	R	.....
14. D. Philip Locklin, McKinley Professor of the Economics of Public Utilities.....	ZA75	10 750
(Total Salary)		(13 750)
15. E. B. McNatt, Professor.....	A	12 600
16. W. H. McPherson, Professor.....	ZAY	.....
17. W. A. Neiswanger, Professor.....	A	13 300
18. Donald W. Paden, Professor.....	A	10 700
19. John B. Parrish, Professor.....	A	11 200
20. W. C. Robb, Professor, <i>Emeritus</i>	R	.....
21. Grace Beckett, Associate Professor.....	A	8 500
22. Royall Brandis, Associate Professor.....	A	9 400
23. Floyd B. Haworth, Associate Professor.....	A	8 850
24. Donald R. Hodgman, Associate Professor.....	A	9 500
25. C. Clyde Jones, Associate Professor.....	ZAY40	4 100
(Total Salary)		(10 000)
26. George Kleiner, Associate Professor.....	A	9 500
27. Joseph L. McConnell, Associate Professor.....	A	9 500
28. Lewis E. Wagner, Associate Professor.....	AY	10 300
29. Janet Louise Weston, Associate Professor.....	A	7 350
30. Bruce Edwards, Assistant Professor.....	B	6 900
31. Frederick M. Gottheil, Assistant Professor.....	D	6 500
32. Frederick Kohlmeier, Assistant Professor.....	B	7 100
33. Walter W. McMahon, Assistant Professor.....	B	7 500
34. Paul J. Wells, Assistant Professor.....	B	7 700
35. Thomas A. Yancey, Assistant Professor.....	B	8 600
36. D. H. Hoover, Associate, <i>Emeritus</i>	R	.....
37. John W. Birch, Instructor.....	D	6 750
38. Burnham Campbell, Jr., Instructor.....	D	7 100
39. Guy A. Schick, Instructor.....	D	6 750
40. Franklin R. Shupp, Instructor.....	D	7 000
41. 10.50 Full Time Equivalent Assistants.....	E	37 105
Nonacademic Salaries		14 250
Total, Salaries		(363 805)
Expense.....		9 000
Total, Economics		\$372 805

Cooperative Investigations

W. B. MCKINLEY ECONOMICS PROFESSORSHIP IN PUBLIC UTILITY

Account Number 44-17-20-152

I. D. Philip Locklin, McKinley Professor of the Economics of Public Utilities.....	ZA25	\$ 3 000
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Finance

Account Number 00-17-22-100

1. P. M. Van Arsdell, Professor and Head of Department	A	\$ 15 000
2. Robert O. Harvey, Professor.....	A	10 700
3. Robert W. Mayer, Professor.....	A	11 750
4. Robert I. Mehr, Professor.....	A	13 100
5. R. M. Nolen, Professor.....	A	10 600
6. Richards C. Osborn, Professor.....	A	10 300
7. _____, Professor	A	9 000
8. Robert A. Hedges, Associate Professor.....	A	8 000
9. James W. Leonard, Associate Professor.....	A	9 150
10. T. Emerson Cammack, Assistant Professor.....	B	7 200
11. Robert E. Hill, Assistant Professor.....	B	7 400
12. Paul T. Kinney, Assistant Professor.....	B	7 400
13. Charles A. D'Ambrosio, Assistant.....	ZD50	2 000
(Total Salary)		(4 450)
14. 1.50 Full Time Equivalent Assistants.....	E	5 400
Nonacademic Salaries		5 940
Total, Salaries		(132 940)
Expense.....		3 375
Total, Finance		\$136 315

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}	\$ 12 000
Professor.....	A}	
Total, Salaries		(12 000)
Wages.....		900
Expense.....		1 100
Equipment.....		1 000
Total, Wages, Expense, and Equipment.....		(3 000)
Total, Graduate School of Business Administration...		\$ 15 000

Management

Account Number 00-17-25-100

1. Stewart Y. McMullen, Professor and.....	AY}	
Head of Department.....	BY}	\$ 20 000
2. A. G. Anderson, Professor, <i>Emeritus</i>	R	.....
3. Leslie A. Bryan, Professor.....	ZAY	.....
4. Paul M. Dauten, Jr., Professor.....	A	9 700
5. M. J. Mandeville, Professor.....	A	13 000
6. Earl G. Planty, Professor.....	A	12 600
7. Irvin L. Heckmann, Jr., Associate Professor.....	A	8 600
8. H. M. Edwards, Assistant Professor, <i>Emeritus</i>	ZR	.....
9. Joseph Litterer, Assistant Professor.....	B	7 200
10. Emanuel C. Salemi, Assistant Professor.....	B	6 800
11. Leslie L. D. Shaffer, Instructor.....	D	6 200
12. Clarence A. Sims, Instructor.....	D	5 800
13. _____, Instructor	D	5 300
14. 4.25 Full Time Equivalent Assistants.....	E	14 900
Nonacademic Salaries		4 710
Total, Salaries		(114 810)
Expense.....		3 300
Total, Management		\$118 110

Marketing

Account Number 00-17-30-100

1. H. W. Huegy, Professor and Head of Department....	A	\$ 15 000
2. F. H. Beach, Professor.....	A	12 500
3. P. D. Converse, Professor, <i>Emeritus</i>	R	.....
4. Fred M. Jones, Professor.....	A	11 250
5. Robert V. Mitchell, Professor.....	A	9 800
6. F. A. Russell, Professor, <i>Emeritus</i>	R	.....
7. Hugh G. Wales, Professor.....	A	11 250
8. Nugent Wedding, Professor.....	A	10 500
9. Richard D. Millican, Associate Professor.....	A	8 800
10. Donald W. Scotton, Associate Professor.....	A	9 300
11. Lloyd M. DeBoer, Assistant Professor.....	B	7 800
12. Richard M. Hill, Assistant Professor.....	B	7 800
13. Louis D. Volpp, Assistant Professor.....	B	7 350
14. Harry H. Elwell, Jr., Instructor.....	D ₅₀	2 200
15. Walter L. Ogilvie, Instructor.....	D	5 800
16. James P. Tushaus, Instructor.....	D ₅₀	2 200
17. Frank Johnson, Assistant.....	ZDY ₄₀	2 000
(Total Salary)		(3 450)
18. 1.00 Full Time Equivalent Assistants.....	E	3 600
Nonacademic Salaries		4 200
Total, Salaries		(131 350)
Expense.....		3 300
Total, Marketing		\$134 650

Bureau of Economic and Business Research

Account Number 00-17-35-300

1. V Lewis Bassie, Director.....	ZBY	\$ 14 300
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2. Robert Ferber, Research Professor of Economics.....	ZAY25	3 175
(Total Salary)		(12 700)
3. Marvin Frankel, Research Associate Professor.....	AY	10 400
4. Joseph D. Phillips, Jr., Research Associate Professor of Economics.....	AY	10 500
5. Ruth A. Birdzell, Research Associate.....	DY50	3 400
6. ———, Research Associate.....	DY45	2 600
7. 4.00 Full Time Equivalent Assistants.....	DY	18 300
Nonacademic Salaries		9 540
Total, Salaries		(72 215)
Wages.....		2 000
Expense.....		17 500
Total, Wages, Expense, and Equipment.....		(19 500)
Total, Bureau of Economic and Business Research....		\$ 91 715

Bureau of Economic and Business Research Revolving

Account Number 12-17-35-370

Expense.....	\$ 5 000
Total, Bureau of Economic and Business Research Revolving.....	\$ 5 000

Cooperative Investigations

FORD FOUNDATION — CONSUMER SAVINGS

Account Number 44-17-35-327

1. Robert Ferber, Research Professor of Economics.....	ZAY75	\$ 9 525
2. Stanley W. Steinkamp, Research Assistant Professor..	DY	8 500
3. Mathew Hauck, Research Associate.....	DY	6 500
Total, Ford Foundation — Consumer Savings.....		\$ 24 525

Bureau of Business Management

Account Number 00-17-40-400

1. Irwin A. Cochran, Director.....	BY}	\$ 11 800
Associate Professor of Business Management.....	AY}	
2. Herman S. Hall, Associate Professor, <i>Emeritus</i>	R	.....
3. Robert G. Seymour, Associate Professor of Business Management.....	ZAY	.....
4. James R. G. Olson, Assistant Professor of Business Management.....	BY	8 100
5. ———, Assistant Professor of Business Management.....	BY	8 600
6. William D. Boub, Instructor in Business Management..	DY	6 000
7. Aline L. Hopkins, Instructor in Business Management..	DY	6 200
8. Wayne A. Lemburg, Instructor in Business Management	DY	8 100
9. .25 Full Time Equivalent Assistants.....	DY	1 100
Nonacademic Salaries		8 010
Total, Salaries		(57 910)
Expense.....		9 400
Total, Bureau of Business Management.....		\$ 67 310

Business Management Revolving

Account Number 12-17-40-470

Nonacademic Salaries	\$ 1 440
Expense.....	11 500
Total, Business Management Revolving.....	\$ 12 940

COLLEGE OF EDUCATION**General**

	Salaries	Wages, Expense, and Equipment	Total
Instruction			
Administration.....	\$ 57 060	\$ 14 700	\$ 71 760
Agricultural Education.....	60 875	3 200	64 075
Education.....	548 105	16 300	564 405

General (Concluded)

	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Articulation.....	2 250		2 250
Journal of Educational Theory.....	3 000		3 000
Student Teaching.....	46 600		46 600
Home Economics Education.....	27 365	3 600	30 965
Industrial Education.....	45 110	7 500	52 610
University Council on Teacher Education			
Administration.....	27 780	4 510	32 290
Illinois Curriculum Program.....		5 000	5 000
Placement and Follow-Up.....	48 230	15 020	63 250
Teacher Training Counseling.....	51 748	200	51 948
<i>Total, University Council on Teacher</i>			
<i>Education.....</i>	(127 758)	(24 730)	(152 488)
<i>Total, Instruction.....</i>	(866 273)	(121 880)	(988 153)
<i>Organized Activities Relating to Instruction</i>			
University High School.....	161 934	13 300	175 234
<i>Organized Research</i>			
Bureau of Educational Research—General..	116 540	13 060	129 600
Institute for Research on Exceptional			
Children.....	57 675	2 650	60 325
<i>Total, Organized Research.....</i>	(174 215)	(15 710)	(189 925)
<i>Extension and Public Services</i>			
Educational Survey.....	21 400	1 000	22 400
Bureau of Educational Research—Evaluation	38 950	3 200	42 150
<i>Total, Extension and Public Services...</i>	(60 350)	(4 200)	(64 550)
<i>Total, General.....</i>	\$1 262 772	\$155 090	\$1 417 862

Restricted

	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
<i>Instruction</i>			
Teacher Placement and Follow-Up Revolving	\$ 2 640	\$ 4 900	\$ 7 540
Estimated U.S. Contracts.....	10 000	12 000	22 000
<i>Total, Instruction.....</i>	(12 640)	(16 900)	(29 540)
<i>Organized Research</i>			
University High School Mathematics Publi- cations.....		10 000	10 000
Estimated Indirect Costs.....		5 000	5 000
Estimated Private Gifts.....	130 000	55 000	185 000
Estimated U.S. Contracts.....	25 000	8 500	33 500
<i>Total, Organized Research.....</i>	(155 000)	(78 500)	(233 500)
<i>Extension and Public Services</i>			
Educational Surveys Revolving.....	27 200	10 500	37 700
Education Testing Revolving.....	5 940	27 460	33 400
Estimated Private Gifts.....		5 000	5 000
<i>Total, Extension and Public Services...</i>	(33 140)	(42 960)	(76 100)
<i>Total, Restricted.....</i>	\$200 780	\$138 360	\$339 140

Administration

Account Number 00-20-01-100

1. _____, Dean.....	BY}	\$ 19 000
Professor of Education.....	AY}	
2. Charles M. Allen, Associate Dean.....	ZBY}	.....
Professor of Education.....	AY }	
3. F. H. Finch, Coordinator of Graduate Study.....	BY}	14 000
Professor of Education.....	AY}	
4. Gilbert C. Finlay, Assistant Dean.....	ZBY ⁵⁰ }	6 150
Professor of Education.....	AY }	
<i>(Total Salary)</i>		(12 300)
<i>(On leave without pay 80 per cent time from Septem- ber 1, 1959, to June 14, 1960)</i>		

Nonacademic Salaries	17 910
<i>Total, Salaries</i>	(57 060)
Wages.....	600
Expense.....	3 000
Contingent.....	5 000
Convention Travel	5 700
Nonrecurring Unassigned	(2 000)
Equipment.....	400
<i>Total, Wages, Expense, and Equipment</i>	(14 700)
<i>Total, Administration</i>	\$ 71 760

Agricultural Education

Account Number 00-20-05-100

1. George P. Deyoe, Professor.....	AY	\$ 13 800
(On leave with pay second semester 1959-60)		
2. H. M. Hamlin, Professor.....	AY	16 800
3. Lloyd J. Phipps, Professor.....	AY	12 050
4. Alfred H. Krebs, Associate Professor.....	ZAY50	4 925
(Total Salary)		(9 850)
5. Paul E. Hemp, Assistant Professor.....	BY	7 750
6. 0.50 Full Time Equivalent Assistants.....	E	1 800
Nonacademic Salaries		3 750
<i>Total, Salaries</i>		(60 875)
Wages.....		400
Expense.....		2 700
Equipment.....		100
<i>Total, Wages, Expense, and Equipment</i>		(3 200)
<i>Total, Agricultural Education</i>		\$ 64 075

Education

Account Number 00-20-10-100

1. Archibald W. Anderson, Professor.....	A	\$ 10 250
2. Fred P. Barnes, Professor.....	A	10 300
(On leave with pay first semester 1959-60)		
3. Thomas E. Benner, Professor.....	A	11 600
4. G. M. Blair, Professor.....	A	10 150
(On leave with pay first semester 1959-60)		
5. Harry S. Broudy, Professor.....	A	10 500
6. R. Will Burnett, Professor.....	A	10 450
(On leave without pay two years from September 1, 1958)		
7. A. W. Clevenger, Professor, <i>Emeritus</i>	R	.....
8. John J. DeBoer, Professor.....	A	9 950
9. E. W. Dolch, Professor, <i>Emeritus</i>	R	.....
10. James J. Gallagher, Professor.....	ZA25	2 360
(Total Salary)		(9 450)
11. Coleman R. Griffith, Professor.....	A	13 500
12. Harold C. Hand, Professor.....	A	13 850
(On leave with pay first semester 1959-60)		
13. Kenneth B. Henderson, Professor.....	A	11 100
14. R. Stewart Jones, Professor.....	A	10 100
15. Walter V. Kaulfers, Professor.....	A	9 000
16. G. C. Kettelkamp, Professor.....	AY	11 100
17. Samuel A. Kirk, Professor.....	ZAY25	4 200
(Total Salary)		(16 800)
18. Clyde G. Knapp, Professor.....	A	9 400
19. John E. McGill, Professor.....	A	9 150
20. Perry E. Miller, Professor.....	A	12 900
21. Walter J. Moore, Professor.....	A	9 000
(On leave with pay first semester 1959-60)		
22. T. Ernest Newland, Professor.....	A	9 200
23. C. W. Odell, Professor, <i>Emeritus</i>	R	.....
24. Merle M. Ohlsen, Professor.....	A	11 000

25. Robert E. Pingry, Professor.....	ZA55	5 150
(Total Salary)		(9 400)
26. Edward F. Potthoff, Professor.....	ZAY25	3 520
(Total Salary)		(15 000)
27. C. W. Sanford, Professor.....	ZAY	.....
28. Harold A. Schultz, Professor of Art Education.....	ZA33	3 690
(Total Salary)		(11 100)
29. J. H. Shores, Professor.....	A	11 100
30. Ray H. Simpson, Professor.....	A	11 100
31. Daniel W. Snader, Professor.....	ZA50	4 200
(Total Salary)		(8 400)
(On leave without pay three years from March 1, 1959)		
32. W. O. Stanley, Professor.....	A	10 700
33. Celia B. Stendler, Professor.....	A	10 750
34. J. Myron Atkin, Associate Professor.....	A	9 400
35. Floyd L. Crank, Associate Professor.....	ZD45	3 150
(Total Salary)		(7 000)
36. L. B. Fisher, Associate Professor.....	ZAY50	5 825
(Total Salary)		(11 650)
37. Norman E. Gronlund, Associate Professor.....	A	9 000
38. W. E. Harnish, Associate Professor, <i>Emeritus</i>	R	.....
39. Ann E. Jewett, Associate Professor.....	ZA75	6 225
(Total Salary)		(8 300)
(On leave with pay second semester 1959-60)		
40. Charles E. Johnson, Associate Professor.....	A	8 500
41. Colleen J. Kirk, Associate Professor.....	ZA50	3 900
(Total Salary)		(7 800)
42. Walter M. Lifton, Associate Professor.....	A	8 000
43. Liesette J. McHarry, Associate Professor, <i>Emerita</i>	R	.....
44. Foster McMurray, Associate Professor.....	A	7 800
45. Lawrence E. Metcalf, Associate Professor.....	A	8 800
46. Fred C. Proff, Associate Professor.....	A	8 800
(On leave with pay first semester 1959-60)		
47. G. W. Reagan, Associate Professor, <i>Emeritus</i>	R	.....
48. Sidney Rosen, Visiting Associate Professor.....	G	(8 400)
(Paid from item 6)		
(Two years from September 1, 1958)		
49. J. Richard Suchman, Associate Professor.....	A	7 900
50. Joe R. Burnett, Assistant Professor.....	D	7 200
51. Kenneth Burns, Assistant Professor.....	ZB40	2 600
(Total Salary)		(6 500)
(On leave with pay first semester 1959-60)		
52. Herbert Goldstein, Assistant Professor.....	ZB50	3 950
(Total Salary)		(7 900)
53. Orrin E. Gould, Assistant Professor.....	B	7 000
54. Mabel R. Hagan, Assistant Professor, <i>Emerita</i>	ZR	.....
55. Clifford E. Howe, Assistant Professor.....	ZB43	3 035
(Total Salary)		(7 050)
56. Nell C. B. Johnston, Assistant Professor, <i>Emerita</i>	R	.....
57. Kenneth M. Lansing, Assistant Professor.....	B	7 650
58. Theodore Manolakes, Assistant Professor.....	D	7 000
59. F. James Rybak, Head of Student Teaching and Assistant Professor	BY	9 200
60. Algard P. Whitney, Assistant Professor.....	D	6 350
61. Raymond E. Williams, Assistant Professor.....	ZB50	3 425
(Total Salary)		(6 850)
62. _____, Assistant Professor.....	B	6 500
63. _____, Assistant Professor.....	B	6 550
64. Frances L. Johnson, Instructor.....	ZD50	2 750
(Total Salary)		(5 500)
65. Norman Roseman, Research Assistant.....	ZDY50	2 700
(Total Salary)		(5 400)
66. 11.62 Full Time Equivalent Assistants.....	E	46 650

67. 6.75 Student Teaching Assistants.....	E	30 250
68. 0.50 Full Time Equivalent Assistants.....	DY	2 200
Nonacademic Salaries		36 525
<i>Total, Salaries</i>		(548 105)
Wages.....		4 600
Wages, Student Teaching.....		30 600
Expense, General		11 100
Expense, Student Teaching.....		16 000
Expense, Education Articulation.....		2 250
Expense, Journal of Educational Theory.....		3 000
Equipment.....		600
<i>Total, Wages, Expense, and Equipment</i>		(68 150)
<i>Total, Education</i>		\$616 255

Cooperative Investigations

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE G5
Account Number 46-20-10-116

1. Cecil H. Patterson, Associate Professor.....	DY	\$ 11 600
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Home Economics Education

Account Number 00-20-15-100

1. Letitia E. Walsh, Professor.....	A	\$ 9 950
2. Mary E. Mather, Associate Professor.....	ZA80	6 040
(Total Salary)		(7 550)
3. Elizabeth J. Simpson, Associate Professor.....	A	8 000
4. 0.75 Full Time Equivalent Assistants.....	E	3 375
<i>Total, Salaries</i>		(27 365)
Wages.....		2 200
Expense.....		1 300
Equipment.....		100
<i>Total, Wages, Expense, and Equipment</i>		(3 600)
<i>Total, Home Economics Education</i>		\$ 30 965

Industrial Education

Account Number 00-20-20-100

1. Rupert N. Evans, Professor.....	A	\$ 10 550
2. M. Ray Karnes, Professor.....	A	11 650
3. A. F. Dodge, Professor, <i>Emeritus</i>	R	.....
4. A. B. Mays, Professor, <i>Emeritus</i>	R	.....
5. Donald G. Lux, Associate Professor.....	ZA85	7 310
(Total Salary)		(8 600)
6. Charles B. Porter, Associate Professor.....	A	7 600
7. Robert A. Tinkham, Associate Professor.....	A	8 000
(On leave with pay first semester 1959-60)		
<i>Total, Salaries</i>		(45 110)
Wages.....		1 800
Expense.....		5 500
Equipment.....		200
<i>Total, Wages, Expense, and Equipment</i>		(7 500)
<i>Total, Industrial Education</i>		\$ 52 610

University Council on Teacher Education**Administration**

Account Number 00-20-25-100

1. Charles M. Allen, Coordinator.....	ZBY	\$ 15 000
Nonacademic Salaries		12 780
<i>Total, Salaries</i>		(27 780)
Wages.....		1 410
Expense.....		2 450
Expense, Illinois Curriculum Program.....		5 000
Equipment.....		650
<i>Total, Wages, Expense, and Equipment</i>		(9 510)
<i>Total, Administration</i>		\$ 37 290

Placement and Follow-Up

Account Number 00-20-30-100

1. J. Lloyd Trump, Head of Teacher Placement.....	B}	
Professor.....	AY}	\$ 12 650
(On leave without pay 83 per cent time)		
2. J. Marlowe Slater, Associate Professor.....	AY	10 550
3. M. Dale Baughman, Assistant Professor.....	DY	8 700
4. 1.50 Full Time Equivalent Assistants.....	DY	6 600
Nonacademic Salaries		22 380
Total, Salaries		(48 230)
Wages.....		1 620
Expense.....		12 900
Equipment.....		500
Total, Wages, Expense, and Equipment.....		(15 020)
Total, Placement and Follow-Up.....		\$ 63 250

TEACHER PLACEMENT AND FOLLOW-UP REVOLVING

Account Number 12-20-30-170

Nonacademic Salaries	\$ 2 640
Expense.....	4 900
Total, Teacher Placement and Follow-Up Revolving..	\$ 7 540

Teacher Training Counseling

Account Number 00-20-35-100

1. Gilbert C. Finlay, Head of Counseling Service.....	ZBY50	\$ 6 150
(Total Salary)		(12 300)
(On leave without pay 80 per cent time from September 1, 1959, to June 14, 1960)		
2. Julius N. Hook, Counselor.....	ZD25	2 650
(Total Salary)		(5 300)
3. John J. O'Neill, Counselor.....	ZD20	2 000
(Total Salary)		(12 500)
4. Harold A. Schultz, Counselor.....	ZD17	1 860
(Total Salary)		(11 100)
5. Wilson N. Stewart, Counselor.....	ZD19	2 180
(Total Salary)		(11 500)
6. Velma K. Wilson, Counselor.....	ZD33	3 080
(Total Salary)		(9 300)
7. Colleen J. Kirk, Counselor.....	ZD17	1 300
(Total Salary)		(7 800)
8. Alfred H. Krebs, Counselor.....	ZDY50	4 925
(Total Salary)		(9 850)
9. Donald G. Lux, Counselor.....	ZD15	1 290
(Total Salary)		(8 600)
10. Mary E. Mather, Counselor.....	ZD20	1 510
(Total Salary)		(7 550)
11. Kenneth Burns, Counselor.....	ZD15	978
(Total Salary)		(6 500)
(On leave with pay first semester 1959-60)		
12. Phyllis Jo Hill, Counselor.....	ZD20	1 200
(Total Salary)		(6 000)
13. Warren J. Huffman, Counselor.....	ZD50	4 250
(Total Salary)		(8 500)
14. Enid Schnauber, Counselor.....	ZD25	1 675
(Total Salary)		(6 700)
15. Mary Lucille Shay, Counselor.....	ZD20	1 470
(Total Salary)		(7 350)
16. Raymond E. Williams, Counselor.....	ZD17	1 150
(Total Salary)		(6 850)
17. _____, Counselor	D20	1 220
18. Edward H. Heath, Counselor.....	ZE50	2 600
(Total Salary)		(5 200)
19. 1.00 Full Time Equivalent Assistants.....	E	3 660

20. 1.50 Full Time Equivalent Assistants.....	DY	6 600
<i>Total, Salaries</i>		(51 748)
Wages.....		100
Expense.....		100
<i>Total, Wages, Expense, and Equipment</i>		(200)
<i>Total, Teacher Training Counseling</i>		\$ 51 948

University High School

Account Number 00-20-45-200		
1. David M. Jackson, Principal.....	BY}	\$ 11 150
Associate Professor of Education.....	AY}	
2. Max Beberman, Professor of Education.....	ZA85	10 060
(Total Salary)		(11 750)
3. Ella Leppert, Associate Professor of Education.....	A	8 750
4. Pauline E. Changnon, Assistant Professor of Education.....	B	6 700
5. David A. Page, Assistant Professor of Education.....	{ZBY16	1 900
(Total Salary)	{ZBY72	(8 600)
6. W. L. Shoemaker, Assistant Professor of Education.....	B	6 900
7. ———, Assistant Professor of Education.....	B	7 500
8. Harry F. Breen, Jr., Instructor in Education.....	D	5 200
9. Roger K. Brown, Instructor in Education.....	D	7 700
10. Marjorie E. Miller, Instructor in Library Administration	ZDY	.....
11. Warren H. Schuetz, Instructor in Education.....	D	6 000
12. Paul Westmeyer, Instructor in Education.....	D	6 500
13. Frances D. Wilson, Instructor in Education, <i>Emerita</i>	R	.....
14. Robert G. Carlier, Assistant in Education.....	E	5 400
15. Erica A. Fosdick, Assistant in Education.....	E	5 300
16. Loren V. Grissom, Assistant in Education.....	E	5 400
17. William T. Hale, Assistant in Education.....	ZE82	5 700
(Total Salary)		(6 900)
18. Roy J. Keller, Assistant in Education.....	E75	3 750
19. Carol V. Palmer, Assistant in Education.....	E	5 200
20. Roxane K. Riva, Assistant in Education.....	E	5 200
21. Helen L. Stevens, Assistant in Education.....	E	5 300
22. 6.25 Full Time Equivalent Assistants.....	E	30 324
Nonacademic Salaries		12 000
Nonacademic Salaries, Nonrecurring.....		(2 760)
<i>Total, Salaries</i>		(161 934)
Wages.....		1 300
Expense.....		9 500
Equipment.....		2 500
<i>Total, Wages, Expense, and Equipment</i>		(13 300)
<i>Total, University High School</i>		\$175 234

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 INSTITUTE — COOPERATIVE PROGRAMS IN MATHEMATICS

Account Number 44-20-45-312		
1. Max Beberman, Professor of Education.....	ZA15	\$ 1 690
2. Gertrude Hendrix, Research Assistant Professor of Education.....	BY	11 000
3. M. Eleanor McCoy, Research Assistant Professor of Education.....	DY	9 500
4. Japheth Hall, Jr., Visiting Research Associate.....	E50	3 000
5. Martin S. Wolfe, Research Associate in Education.....	G	5 500
(Effective August 16, 1959, through June 15, 1960)		

6. Barbara I. Baum, Research Assistant in Education.....	E	4 250
7. William T. Hale, Research Assistant in Education.....	ZE18	1 200
(Total Salary)		<u>(6 900)</u>
<i>Total, Carnegie Institute—Cooperative Programs in Mathematics</i>		\$ 34 940

CARNEGIE INSTITUTE—COOPERATIVE PROGRAMS IN ARITHMETIC
Account Number 44-20-45-310

1. David A. Page, Assistant Professor of Education.....	ZBY12	\$ 1 500
(Total Salary)		<u>(12 000)</u>
2. Harlan G. H. Bartram, Research Associate in Education	D	7 500
3. Lore May Rasmussen, Visiting Research Associate in Education.....	E	<u>6 000</u>
<i>Total, Carnegie Institute—Cooperative Programs in Arithmetic</i>		\$ 15 000

General**Bureau of Educational Research**

Account Number 00-20-50-300

1. William P. McLure, Director.....	BY}	\$ 13 950
Professor of Education.....	AY}	
2. David P. Ausubel, Professor of Education.....	AY	12 450
3. Lee J. Cronbach, Professor of Education.....	ZAY	17 850
4. Nathaniel L. Gage, Professor of Education.....	AY	12 700
5. W. S. Monroe, Distinguished Professor of Education, Emeritus.....	R	.....
6. B. Othanel Smith, Professor of Education.....	A	13 550
7. Henry F. Kaiser, Associate Professor of Education....	AY	9 500
8. ———, Assistant Professor of Education.....	AY	8 400
9. 3.00 Full Time Equivalent Assistants.....	DY	13 200
Nonacademic Salaries		<u>14 940</u>
<i>Total, Salaries</i>		(116 540)
Wages.....		4 700
Expense.....		8 260
Equipment.....		100
<i>Total, Wages, Expense, and Equipment</i>		<u>(13 060)</u>
<i>Total, Bureau of Educational Research—General</i>		\$129 600

Cooperative InvestigationsU.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE —
CRITICAL THINKING

Account Number 46-20-50-316

1. Milton O. Meux, Research Associate in Education.....	DY	\$ 6 600
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U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE SAE 8141

Account Number 46-20-50-318

1. Dora E. Damrin, Research Assistant Professor of Education.....	ZDY51	\$ 4 700
(Total Salary)		<u>(9 300)</u>

U.S. PUBLIC HEALTH SERVICE M1839

Account Number 46-20-50-367

1. Goldine C. Gleser, Research Associate Professor of Education.....	DY25	\$ 2 550
2. Nageswari Rajaratnam, Research Associate in Education	DY	<u>7 200</u>
<i>Total, U.S. Public Health Service M1839</i>		\$ 9 750

Educational Surveys

Account Number 00-20-55-400

1. M. R. Sumption, Director.....	BY}	\$ 12 750
Professor of Education.....	AY}	
2. Basil Castaldi, Associate Professor of Education.....	A	8 650
<i>Total, Salaries</i>		<u>(21 400)</u>
Expense.....		<u>1 000</u>
<i>Total, Educational Surveys</i>		\$ 22 400

Educational Surveys Revolving

Account Number 12-20-55-478

1. Aaron W. Harper, Assistant Professor of Education in the Bureau of Educational Research.....	DY	\$ 8 100
2. William R. McConnell, Assistant Professor of Education in the Bureau of Educational Research.....	BY	8 300
3. 1.50 Full Time Equivalent Assistants.....	DY	6 600
Nonacademic Salaries.....		4 200
<i>Total, Salaries</i>		(27 200)
Wages.....		1 500
Expense.....		9 000
<i>Total, Wages, Expense, and Equipment</i>		(10 500)
<i>Total, Educational Surveys Revolving</i>		\$ 37 700

Evaluation

Account Number 00-20-60-400

1. J. Thomas Hastings, University Examiner, Technical Director of Evaluation Unit, and Professor of Education.....	AY	\$ 12 900
2. Philip J. Runkel, Associate Professor.....	AY	10 500
3. Dora E. Damrin, Research Assistant Professor.....	ZDY49	4 600
(Total Salary)		(9 300)
Nonacademic Salaries		10 950
<i>Total, Salaries</i>		(38 950)
Wages.....		700
Expense.....		2 400
Equipment.....		100
<i>Total, Wages, Expense, and Equipment</i>		(3 200)
<i>Total, Evaluation</i>		\$ 42 150

Educational Testing Revolving

Account Number 12-20-60-482

Nonacademic Salaries	\$ 5 940
<i>Total, Salaries</i>	(5 940)
Wages.....	10 500
Expense.....	16 900
<i>Total, Wages, Expense, and Equipment</i>	(27 460)
<i>Total, Educational Testing Revolving</i>	\$ 33 400

Institute for Research on Exceptional Children

Account Number 00-20-70-300

1. Samuel A. Kirk, Director.....	ZBY75	\$ 12 600
(Total Salary)		(16 800)
2. James J. Gallagher, Professor.....	ZA75	7 090
(Total Salary)		(9 450)
3. Lawrence M. Stolurow, Professor.....	ZA50	4 600
(Total Salary)		(9 200)
4. Bernard Farber, Assistant Professor.....	ZBY60	5 700
(Total Salary)		(9 500)
5. Herbert Goldstein, Assistant Professor.....	ZB50	3 950
(Total Salary)		(7 900)
6. Clifford E. Howe, Assistant Professor.....	ZB57	4 015
(Total Salary)		(7 050)
7. _____, Assistant Professor.....	B	7 700
8. 1.00 Full Time Equivalent Research Assistants.....	DY	4 400
9. 1.00 Full Time Equivalent Research Assistants.....	E	3 600
Nonacademic Salaries		4 020
<i>Total, Salaries</i>		(57 675)
Wages.....		600
Expense.....		2 050
<i>Total, Wages, Expense, and Equipment</i>		(2 650)
<i>Total, Institute for Research on Exceptional Children</i>		\$ 60 325

Cooperative Investigations

CEREBRAL PALSY ASSOCIATION — LANGUAGE OF PRE-SCHOOL

Account Number 44-20-70-312

1. James J. McCarthy, Research Assistant Professor..... BY \$ 8 950

COLLEGE OF ENGINEERING

General		Wages, Ex- pense, and Equipment	
<i>Instruction</i>	<i>Salaries</i>		<i>Total</i>
Administration.....	\$ 57 400	\$26 550	\$ 83 950
Contingent.....		15 000	15 000
Lectures.....		2 400	2 400
Aeronautical Engineering.....	161 340	22 600	183 940
Ceramic Engineering.....	90 500	18 850	109 350
Civil Engineering.....	386 175	21 900	408 075
Electrical Engineering.....	654 100	57 300	711 400
General Engineering.....	214 020	17 800	231 820
Mechanical Engineering.....	555 930	41 200	597 130
Mining and Metallurgical Engineering.....	164 930	14 500	179 430
Nuclear Engineering — College.....	11 950	15 100	27 050
Physics.....	603 665	38 400	642 065
Theoretical and Applied Mechanics.....	309 500	17 900	327 400
<i>Total, Instruction</i>	(3 209 510)	(309 500)	(3 519 010)
<i>Organized Research</i>			
Administration.....	134 450	15 200	149 650
Publications.....		10 500	10 500
Aeronautical Engineering.....	10 500		10 500
Ceramic Engineering.....	11 000	1 650	12 650
Chemical Engineering.....	29 163	4 300	33 463
Civil Engineering.....	143 760	18 600	162 360
Electrical Engineering.....	47 730		47 730
Ultrasound in Biology.....	33 830	4 700	38 530
Measurement Program.....	58 450	10 300	68 750
Mechanical Engineering.....	41 036	6 600	47 636
Mining and Metallurgical Engineering.....	56 060	13 500	69 560
Physics.....		17 100	17 100
Physics Betatron.....	124 855	31 700	156 555
Theoretical and Applied Mechanics.....	87 885	12 220	100 105
<i>Total, Organized Research</i>	(778 719)	(146 370)	(925 089)
<i>Total, General</i>	\$3 988 229	\$455 870	\$4 444 099

Restricted

	<i>Salaries</i>	Wages, Ex- pense, and Equipment	
<i>Instruction</i>			<i>Total</i>
Engineering Student Placement Revolving..		\$ 4 000	\$ 4 000
Ceramic Glass Conference Revolving.....		2 000	2 000
Estimated U.S. Contracts.....		100 000	100 000
<i>Total, Instruction</i>		(106 000)	(106 000)
<i>Organized Research</i>			
Engineering Experiment Station Testing			
Revolving.....		400	400
Engineering Publications.....		1 000	1 000
Civil Engineering Earth Testing Revolving..		1 300	1 300
Civil Engineering Testing Revolving.....		3 600	3 600
Electrical Engineering Network Analyzer			
Revolving.....		700	700
Theoretical and Applied Mechanics Testing			
Revolving.....		10 000	10 000
Estimated Indirect Costs.....	40 000	190 000	230 000
Estimated Private Gifts.....	220 000	125 000	345 000
Estimated U.S. Contracts.....	2 350 000	2 000 000	4 350 000
<i>Total, Organized Research</i>	(2 610 000)	(2 332 000)	(4 942 000)

<i>Auxiliary Enterprises</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Camp Rabideau Operations.....	.....	10 000	10 000
<i>Total, Restricted</i>	\$2 610 000	\$2 448 000	\$5 058 000

Administration

Account Number 00-22-01-100; College 00-22-01-100; Station 00-22-01-300		
1. W. L. Everitt, Dean.....	C-ZBY	\$22 000
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	17 500
4. Stanley H. Pierce, Associate Dean.....	C-ZBY	17 500
5. Howard L. Wakeland, Assistant Dean.....	C-ZBY	9 500
6. David R. Opperman, Assistant Dean.....	C-ZBY	8 400
7. Edwin McClintock, Jr., Editor and Director of Engineering Information and Publications.....	S-ZBY	13 000
8. Elmer F. Heater, Research Associate Professor, <i>Emeritus</i>	S-R	.....
9. Paul T. Bryant, Assistant Editor with rank of Instructor (Total Salary).....	S-ZDY50	4 200 (8 400)
10. Laura E. Rhodes, Assistant Editor.....	S-DY	4 500
11. 6.25 Full Time Equivalent Research Assistants.....	S-E	24 300
12. 0.50 Editorial Assistants.....	S-E	1 900
Nonacademic Salaries.....	C	48 270
Nonacademic Salaries.....	S	20 780
<i>Total, Salaries</i>		(191 850)
Wages.....	C	2 750
Wages.....	S	5 900
Expense.....	C	8 300
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>		(69 650)
<i>Total, Administration</i>		\$261 500

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	\$ 400
<i>Total, Engineering Experiment Station Testing Revolving</i>		\$ 400

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	\$ 8 400
(Total Salary).....		(11 200)

2. Paul T. Bryant, Assistant Editor with rank of Instructor..	ZDY50	4 200
<i>Total, American Society for Engineering Education</i>		
<i>Secretary</i>		\$12 600

Aeronautical 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	\$16 500
2. John M. Coan, Jr., Professor.....	C-A	10 000
3. Bruce L. Hicks, Professor.....	C-ZAY55	7 800
(Total Salary).....		(14 200)
4. Harry H. Hilton, Professor.....	C-A	11 000
5. M. Z. Krzywoblocki, Professor.....	C-A	8 800
6. Robert W. McCloy, Professor.....	C-A	11 600
7. Allen I. Ormsbee, Professor.....	C-A	10 500
8. Shee Mang Yen, Associate Professor.....	C-A	9 000
9. _____, Associate Professor.....	C-A	9 000
10. Harold O. Barthel, Research Assistant Professor.....	S-B	8 600
11. Edward A. Stannard, Instructor.....	C-D	7 000
12. _____, Instructor.....	C-D	5 000
13. _____, Instructor.....	C-D75	4 380
14. 2.75 Full Time Equivalent Assistants.....	C-E	10 890
15. 0.50 Full Time Equivalent Research Assistants.....	S-E	1 900
Nonacademic Salaries.....	C	39 870
<i>Total, Salaries</i>		(171 840)
Wages.....	C	4 800
Expense.....	C	10 300
Equipment.....	C	7 500
<i>Total, Wages, Expense, and Equipment</i>		(22 600)
<i>Total, Aeronautical Engineering</i>		\$194 440

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	\$15 700
2. Alfred W. Allen, Professor.....	C-A	10 500
3. R. L. Cook, Professor.....	C-A	12 000
4. A. L. Friedberg, Professor.....	S-A	11 000
5. F. V. Tooley, Professor of Glass Technology.....	C-A	8 600
6. _____, Associate Professor.....	C-A	7 800
7. Robert J. Beals, Assistant Professor.....	C-B	8 000
8. James A. Nelson, Assistant Professor.....	C-B	9 000
Nonacademic Salaries.....	C	18 900
<i>Total, Salaries</i>		(101 500)
Wages.....	C	850
Wages.....	S	150
Expense.....	C	16 000
Expense.....	S	1 000
Equipment.....	C	2 000
Equipment.....	S	500
<i>Total, Wages, Expense, and Equipment</i>		(20 500)
<i>Total, Ceramic Engineering</i>		\$122 000

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. Richard J. Herbst, Research Assistant.....	S-DY	\$ 6 000
2. _____, Research Assistant.....	S-DY	5 280
<i>Total, Bendix Aviation — Cerametallic</i>		\$11 280

GRIFFIN WHEEL COMPANY — STEEL CASTING REFRACTORIES

Account Number 44-22-10-332

1. Tracy A. Willmore, Research Associate Professor.....	S-AY	\$ 8 400
2. Philip D. Zimmerman, Research Assistant.....	S-DY	5 280
<i>Total, Griffin Wheel Company—Steel Casting Refractories</i>		<u>\$13 680</u>

U.S. AIR FORCE 6192

Account Number 46-22-10-310

1. Dwight G. Bennett, Research Professor.....	S-ZDY ⁵⁰	\$ 6 450
(Total Salary).....		(12 900)
2. Henry G. Lefort, Jr., Research Associate.....	S-DY	7 650
<i>Total, U.S. Air Force 6192.....</i>		<u>\$14 100</u>

U.S. AIR FORCE 6283

Account Number 46-22-10-311

1. Dwight G. Bennett, Research Professor.....	S-ZDY ⁵⁰	\$ 6 450
2. Julian H. Lauchner, Research Associate Professor.....	S-DY	9 800
<i>Total, U.S. Air Force 6283.....</i>		<u>\$16 250</u>

Chemical Engineering

Account Number 00-22-15-300

1. Max S. Peters, Professor.....	S-ZA ⁴³	\$ 5 375
(Total Salary).....		(12 500)
2. Harry G. Drickamer, Professor.....	S-ZA	.....
3. H. F. Johnstone, Research Professor.....	S-ZA ⁵⁰	7 000
(Total Salary).....		(14 000)
4. Sherlock Swann, Jr., Research Professor.....	S-AY	11 000
5. Frederick G. Straub, Research Professor, <i>Emeritus</i>	S-R	.....
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	5 788
<i>Total, Salaries.....</i>		(29 163)
Wages.....	S	1 000
Expense.....	S	1 600
Equipment.....	S	1 700
<i>Total, Wages, Expense, and Equipment.....</i>		(4 300)
<i>Total, Chemical Engineering.....</i>		<u>\$33 463</u>

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	\$19 500
2. J. W. Briscoe, Professor and Associate Head of Department.....	C-A	10 500
3. William C. Ackermann, Professor.....	C-D	.....
4. H. E. Babbitt, Professor, <i>Emeritus</i>	C-R	.....
5. E. E. Bauer, Professor.....	C-A	8 700
6. Ven Te Chow, Professor of Hydraulic Engineering.....	{C-ZA ⁴⁰ S-ZA ³⁰	4 040 3 030
(Total Salary).....		(10 100)
7. Ellis Danner, Professor of Highway Engineering.....	C-A	13 000
8. Don U. Deere, Professor.....	C-ZA ⁶⁷	7 340
(Total Salary).....		(11 000)
9. G. H. Dell, Professor.....	C-A	9 500
10. J. J. Doland, Professor, <i>Emeritus</i>	C-R	.....
11. Richard Engelbrecht, Professor of Sanitary Engineering..	S-A	9 000
12. Edwin H. Gaylord, Jr., Professor.....	C-A	13 000
13. William J. Hall, Professor.....	C-A	10 000
14. John D. Haltiwanger, Professor.....	C-A	9 600
15. William W. Hay, Professor of Railway Civil Engineering	C-A	9 600
16. W. C. Huntington, Professor, <i>Emeritus</i>	C-ZR	.....
17. Herbert O. Ireland, Professor.....	C-ZA ⁴⁰	3 720
(Total Salary).....		(9 300)

18. E. E. King, Professor, <i>Emeritus</i>	C-ZR	.....
19. Murray B. McPherson, Professor of Hydraulic Engineering.....	C-A	10 000
20. William H. Munse, Professor.....	{C-A ₃₂ S-A ₆₈	3 900 8 300
(Total Salary).....		(12 200)
21. William A. Oliver, Professor.....	C-A	11 000
22. Ralph B. Peck, Professor of Foundation Engineering....	{C-A ₅₀ S-A ₅₀	8 000 8 000
(Total Salary).....		(16 000)
23. W. H. Rayner, Professor, <i>Emeritus</i>	C-R	.....
24. Milton O. Schmidt, Professor.....	C-A	10 000
(On leave with one-half pay 1959-60)		
25. Chester P. Siess, Professor.....	{C-A ₅₀ S-A ₅₀	6 100 6 100
(Total Salary).....		(12 200)
26. T. H. Thornburn, Professor.....	{C-ZA ₅₀ S-ZA ₂₅	5 250 2 625
(Total Salary).....		(10 500)
27. Anestis S. Veletsos, Professor.....	S-A	9 600
28. C. C. Wiley, Professor, <i>Emeritus</i>	C-R	.....
29. ———, Professor.....	C-A	14 000
30. Walter J. Austin, Associate Professor.....	{C-A ₂₅ S-A ₇₅	2 175 6 525
(Total Salary).....		(8 700)
31. John E. Baerwald, Associate Professor of Traffic Engineering.....	C-ZA ₈₀	7 200
(Total Salary).....		(9 000)
32. Ben B. Ewing, Associate Professor.....	C-A	8 300
33. John C. Guillou, Associate Professor of Hydraulic Engineering.....	{C-A ₅₀ S-A ₅₀	4 350 4 350
(Total Salary).....		(8 700)
34. Moreland Herrin, Associate Professor.....	C-A	8 600
35. Eugene Y. Huang, Associate Professor.....	C-ZA ₂₅	1 875
(Total Salary).....		(7 500)
36. Narbey Khachaturian, Associate Professor.....	C-A	8 500
37. Vincent J. McDonald, Associate Professor.....	{C-ZA ₅₀ S-ZA ₂₅	4 000 2 000
(Total Salary).....		(8 000)
38. Robert J. Mosborg, Associate Professor.....	C-A	8 500
39. George K. Sinnamon, Associate Professor.....	S-ZA ₅₀	4 100
(Total Salary).....		(8 200)
40. Mete Avni Sozen, Associate Professor.....	C-ZA ₅₀	4 050
(Total Salary).....		(8 100)
41. James E. Stallmeyer, Associate Professor.....	{C-A ₅₀ S-A ₅₀	4 500 4 500
(Total Salary).....		(9 000)
42. ———, Associate Professor.....	{C-A ₅₀ S-A ₅₀	4 500 4 500
(Total Salary).....		(9 000)
43. Eugene Chesson, Jr., Assistant Professor.....	S-ZB ₅₀	3 750
(Total Salary).....		(7 500)
44. Winfield H. Eldridge, Assistant Professor.....	C-B	7 000
45. Arthur Feldman, Assistant Professor.....	C-ZB ₅₀	3 400
(Total Salary).....		(6 800)
46. Anthony F. Gaudy, Jr., Assistant Professor of Sanitary Engineering.....	C-B	6 000
47. George W. Hollon, Assistant Professor.....	{C-B ₅₀ S-B ₅₀	3 600 3 600
(Total Salary).....		(7 200)
48. Houssam M. Karara, Assistant Professor.....	C-B	6 650
49. George F. McDonough, Assistant Professor.....	S-ZB ₅₀	3 400
(Total Salary).....		(6 800)

50. J. L. Merritt, Assistant Professor.....	S-ZB50	3 750
(Total Salary).....		(7 500)
51. Jimmy W. Seyler, Assistant Professor.....	C-B	7 200
52. Joseph P. Murtha, Research Associate.....	S-ZD50	3 100
(Total Salary).....		(6 200)
53. David C. N. Robb, Research Associate.....	C-ZD75	3 900
(Total Salary).....		(5 200)
54. Samuel Sutcliffe, Research Associate.....	C-ZD50	3 300
(Total Salary).....		(6 600)
55. Raymond E. Untrauer, Research Associate.....	C-ZD50	3 600
(Total Salary).....		(7 200)
56. Melvin T. Davisson, Instructor.....	C-ZD50	2 800
(Total Salary).....		(5 600)
57. Steven J. Fenves, Instructor.....	C-ZD50	3 300
(Total Salary).....		(6 600)
58. Gordon Gracie, Instructor.....	C-D	6 000
59. John W. Hutchinson, Instructor.....	C-ZD75	5 625
(Total Salary).....		(7 500)
60. John H. Lamb, Jr., Instructor.....	S-ZD50	2 800
(Total Salary).....		(5 600)
61. James J. Morgan, Instructor.....	C-D	6 500
62. Roy E. Olson, Instructor.....	C-ZD50	3 000
(Total Salary).....		(6 000)
63. Louis R. Shaffer, Instructor.....	C-D	6 200
64. G. E. Triandafilidis, Instructor.....	C-ZD33	2 080
(Total Salary).....		(6 300)
65. Richard N. Wright III, Instructor.....	S-ZD50	3 150
(Total Salary).....		(6 300)
66. Keith A. Yarbrough, Instructor.....	C-D50	3 000
67. ———, Instructor.....	C-D50	3 300
68. Henry Malter, Lecturer.....	C-D	9 500
69. Karl Terzaghi, Lecturer and Consultant.....	C-DY15	1 500
70. Stanley D. Wilson, Visiting Lecturer in Soil Mechanics..	C-DY5	500
71. 2.00 Full Time Equivalent Research Assistants.....	S-E	7 800
Nonacademic Salaries.....	C	34 920
Nonacademic Salaries.....	S	39 780
<i>Total, Salaries</i>		(529 935)
Wages.....	C	4 100
Wages.....	S	4 300
Expense.....	C	13 000
Expense.....	S	11 100
Equipment.....	C	4 800
Equipment.....	S	3 200
<i>Total, Wages, Expense, and Equipment</i>		(40 500)
<i>Total, Civil Engineering</i>		\$570 435

Civil Engineering Earth Testing Revolving

Account Number 12-22-20-322

Expense.....	S	\$ 1 300
<i>Total, Civil Engineering Earth Testing Revolving</i>		\$ 1 300

Civil Engineering Testing Revolving

Account Number 12-22-20-384

Expense.....	S	\$ 3 600
<i>Total, Civil Engineering Testing Revolving</i>		\$ 3 600

Auxiliary — Camp Rabideau Operation

Account Number 18-22-20-782

Expense.....	C	\$10 000
<i>Total, Auxiliary — Camp Rabideau Operation</i>		\$10 000

Cooperative Investigations**ASSOCIATION OF AMERICAN RAILROADS — FILTER MATERIALS**

Account Number 44-22-20-304

1. David C. N. Robb, Research Associate..... S-ZD25 \$ 1 300

U.S. AIR FORCE 544

Account Number 46-22-20-300

1. George K. Sinnamon, Associate Professor..... S-ZA50 \$ 4 100

2. George F. McDonough, Assistant Professor..... S-ZB50 3 400

3. John T. Hanley, Research Associate..... S-D 6 600

4. Richard N. Wright III, Instructor..... S-ZD50 3 150

Total, U.S. Air Force 544..... \$17 250**U.S. AIR FORCE 464**

Account Number 46-22-20-309

1. Richard L. Jennings, Research Associate..... S-D \$ 5 800

U.S. AIR FORCE 468

Account Number 46-22-20-311

1. Arthur Feldman, Assistant Professor..... S-ZB50 \$ 3 400

2. William Egger, Jr., Research Associate..... S-D 6 700

3. Raymond E. Untrauer, Research Associate..... S-ZD50 3 600

(Total Salary)..... (7 200)*Total, U.S. Air Force 468.....* \$13 700**U.S. AIR FORCE 34763**

Account Number 46-22-20-312

1. John G. Hammer, Associate Professor..... S-ZA50 \$ 4 250
(Total Salary)..... (8 500)

2. J. L. Merritt, Assistant Professor..... S-ZB50 3 750

3. Joseph P. Murtha, Research Associate..... S-ZD25 1 550

4. Stanley L. Paul, Instructor..... S-D 6 000

Total, U.S. Air Force 34763..... \$15 550**U.S. AIR FORCE 1162**

Account Number 46-22-20-313

1. John G. Hammer, Associate Professor..... S-ZA50 \$ 4 250

2. Joseph P. Murtha, Research Associate..... S-ZD25 1 550

3. William C. Schnobrich, Research Associate..... S-D 6 600

4. Samuel Sutcliffe, Research Associate..... S-ZD50 3 300

Total, U.S. Air Force 1162..... \$15 700**U.S. AIR FORCE 1185**

Account Number 46-22-20-315

1. John W. Melin, Research Associate..... S-D \$ 6 700

2. John H. Lamb, Jr., Instructor..... S-ZD50 2 800

Total, U.S. Air Force 1185..... \$ 9 500**U.S. ARMY ENGINEERS 238**

Account Number 46-22-20-325

1. Herbert O. Ireland, Professor..... S-ZA30 \$ 2 790

2. Walter E. Fisher, Research Associate..... S-ZD50 3 300

(Total Salary)..... (6 600)

3. Peter G. Hoadley, Research Assistant..... S-D 5 000

Total, U.S. Army Engineers 238..... \$11 090**U.S. ARMY ENGINEERS 240**

Account Number 46-22-20-326

1. Herbert O. Ireland, Professor..... S-ZA30 \$ 2 790

2. Walter E. Fisher, Research Associate..... S-ZD50 3 300

3. Melvin T. Davisson, Instructor..... S-ZD50 2 800

4. G. E. Triandafilidis, Instructor..... S-ZD67 4 220

Total, U.S. Army Engineers 240..... \$13 110**U.S. ARMY ENGINEERS 393**

Account Number 46-22-20-338

1. Mete Avni Sozen, Associate Professor..... S-ZA25 \$ 2 025

U.S. ACADEMY OF SCIENCE — AASHO ROAD TESTS

Account Number 46-22-20-345

1. Steven J. Fenves, Instructor.....	S-ZD50	\$ 3 300
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U.S. NATIONAL SCIENCE FOUNDATION G5073

Account Number 46-22-20-350

1. Roy E. Olson, Instructor.....	S-ZD50	\$ 3 000
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U.S. NATIONAL SCIENCE FOUNDATION G6572

Account Number 46-22-20-352

1. Alfredo Ang, Assistant Professor.....	S-D	\$ 6 000
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U.S. N.O.B.S. 65790

Account Number 46-22-20-360

1. Vincent J. McDonald, Associate Professor.....	S-ZA25	\$ 2 000
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U.S. OFFICE OF NAVAL RESEARCH 1834 03

Account Number 46-22-20-369

1. Johan A. Friedericy, Research Assistant.....	S-E	\$ 5 200
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STATE OF ILLINOIS DIVISION OF HIGHWAYS — BRIDGE IMPACT

Account Number 47-22-20-307

1. Tseng Huang, Assistant Professor.....	S-B	\$ 6 000
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STATE OF ILLINOIS DIVISION OF HIGHWAYS —
HIGHWAY MEDIANS

Account Number 47-22-20-336

1. John W. Hutchinson, Instructor.....	S-ZD25	\$ 1 875
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STATE OF ILLINOIS DIVISION OF HIGHWAYS —
PRESTRESSED BRIDGES

Account Number 47-22-20-367

1. Mete Avni Sozen, Associate Professor.....	S-ZA25	\$ 2 025
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2. James G. MacGregor, Research Associate.....	S-E	4 700
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Total, State of Illinois Division of Highways —

<i>Prestressed Bridges.....</i>		\$ 6 725
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STATE OF ILLINOIS DIVISION OF HIGHWAYS —
RIVETED BOLTED JOINT

Account Number 47-22-20-374

1. Eugene Chesson, Jr., Assistant Professor.....	S-ZB50	\$ 3 750
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STATE OF ILLINOIS DIVISION OF HIGHWAYS —
SOIL AGGREGATE

Account Number 47-22-20-379

1. Eugene Y. Huang, Associate Professor.....	S-ZA75	\$ 5 625
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STATE OF ILLINOIS DIVISION OF HIGHWAYS — SOIL MAPPING

Account Number 47-22-20-382

1. T. H. Thornburn, Professor.....	S-ZA25	\$ 2 625
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2. N. Chryssafopoulos, Assistant Professor.....	S-B	7 500
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3. Edward T. Misiaszek, Assistant Professor.....	S-ZB50	3 150
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4. Thomas K. Liu, Research Associate.....	S-D	5 200
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Total, State of Illinois Division of Highways —

<i>Soil Mapping.....</i>		\$18 475
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STATE OF ILLINOIS DIVISION OF HIGHWAYS —
VEHICULAR SPEED REGULATION

Account Number 47-22-20-386

1. Joseph C. Oppenlander, Research Associate.....	S-D	\$ 7 000
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STATE OF ILLINOIS DIVISION OF HIGHWAYS —
WATERWAY AREAS

Account Number 47-22-20-390

1. Ven Te Chow, Professor of Hydraulic Engineering.....	S-ZA30	\$ 3 030
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STATE OF ILLINOIS DIVISION OF HIGHWAYS —
WELDED HIGHWAY STRUCTURES

Account Number 47-22-20-391

1. Wallace Sanders, Jr., Assistant Professor.....		\$ 6 000
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Coordinated Science Laboratory

Account Number 46-22-22-308

1. Daniel Alpert, Director.....	ZDY	\$21 500
2. C. W. Sherwin, Associate Director.....	ZD50	7 000
(Total Salary).....		(14 000)
3. Mac E. Van Valkenburg, Associate Director.....	ZD50	7 500
(Total Salary).....		(15 000)
4. Richard M. Brown, Research Professor.....	DY	17 000
5. Bruce L. Hicks, Research Professor.....	ZDY45	6 400
(Total Salary).....		(14 200)
6. Arnold T. Nordsieck, Research Professor.....	ZD50	8 750
(Total Salary).....		(17 500)
7. Jack P. Ruina, Research Professor.....	ZDY73	12 600
(Total Salary).....		(17 200)
(On leave without pay one year beginning February 1, 1959)		
8. Nelson Wax, Research Professor.....	ZD50	7 000
(Total Salary).....		(14 000)
9. Duane H. Cooper, Research Associate Professor.....	DY	14 200
10. Howard W. Knoebel, Research Associate Professor.....	DY	15 200
11. R. D. Rawcliffe, Research Associate Professor.....	DY	14 900
12. Donald L. Bitzer, Research Assistant Professor.....	DY	11 000
13. Norman Knable, Research Assistant Professor.....	DY	12 600
(On leave with one-half pay 1959-60)		
14. Linton S. Kypta, Research Assistant Professor.....	DY	13 000
15. John J. Myers, Research Assistant Professor.....	DY	11 800
16. Manfred Raether, Research Assistant Professor.....	DY	9 000
17. H. Wallace Sinaiko, Research Assistant Professor.....	ZDY86	10 530
(Total Salary).....		(12 200)
18. Don R. Allen, Research Associate.....	ZDY	9 800
19. Robert W. Anderson, Research Associate.....	DY	9 300
20. Alan Blankfield, Research Associate.....	DY	6 550
21. Henry G. Bobotek, Research Associate.....	DY	6 400
22. Peter G. Braunfeld, Research Associate.....	DY	9 400
23. James L. Divilbiss, Research Associate.....	DY	8 900
24. Jay D. Gooch, Research Associate.....	DY	9 300
25. Edward A. Huber, Research Associate.....	DY	7 500
26. Billy D. Kirkwood, Research Associate.....	DY	9 400
27. Henry V. Krone, Research Associate.....	DY	8 700
28. Donald A. Lee, Research Associate.....	DY	7 700
29. William W. Lichtenberger, Research Associate.....	DY	7 500
30. Leon J. Miller, Research Associate.....	DY	7 700
31. Wilbert C. Prothe, Research Associate.....	DY	9 400
32. Dominic O. Skaperdas, Research Associate.....	DY	10 800
33. H. Gene Slottow, Research Associate.....	DY	10 300
34. Harry E. Tomaschke, Research Associate.....	DY	6 400
35. Ray L. Trogdon, Research Associate.....	DY	9 800
36. Willis Unruh, Research Associate.....	DY	10 100
37. Ira Weissman, Research Associate.....	DY	8 800
38. Richard P. Wishner, Research Associate.....	DY50	3 250
39. James W. Cummings, Research Assistant.....	DY	7 600
40. Richard A. Graham, Research Assistant.....	DY	7 300
41. Patricia A. Hunt, Research Assistant.....	DY	5 600
42. Charlene Sprankel, Research Assistant.....	DY	5 300
43. John E. Stifle, Research Assistant.....	DY	6 700
44. E. Jeannine Timko, Research Assistant.....	DY	6 100
45. Brian W. Voth, Research Assistant.....	DY	7 900
Total, Coordinated Science Laboratory.....		\$423 480

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	\$19 000
2. Wendell E. Miller, Professor and Associate Head of Department.....	C-ZAY75	10 500
(Total Salary).....		(14 000)

3. George E. Anner, Professor.....	C-A	10 800
4. L. B. Archer, Professor.....	C-A	9 800
5. D. S. Babb, Professor.....	C-A	9 500
6. Albert D. Bailey, Professor.....	C-ZA50	5 100
(Total Salary).....		(10 200)
7. John Bardeen, Professor.....	C-ZA50	9 460
(Total Salary).....		(20 000)
8. Paul D. Coleman, Professor.....	C-ZA33	3 900
(Total Salary).....		(11 800)
9. Georges A. Deschamps, Professor.....	C-A	15 000
10. Willis L. Emery, Professor.....	C-A	11 000
11. W. L. Everitt, Professor.....	C-ZAY	.....
12. Max A. Faucett, Professor.....	C-A	9 700
13. G. H. Fett, Professor.....	C-A	13 000
14. Ladislav Goldstein, Professor.....	C-ZA33	5 500
(Total Salary).....		(16 500)
15. H. N. Hayward, Professor.....	C-ZA	.....
16. M. S. Helm, Professor.....	C-A	10 400
17. C. A. Keener, Professor.....	C-A	11 800
18. John O. Kraehenbuehl, Professor, <i>Emeritus</i>	C-R	.....
19. N. W. McLachlan, Professor, <i>Emeritus</i>	C-R	.....
20. R. E. Meagher, Research Professor.....	C-ZA	.....
21. E. B. Paine, Professor, <i>Emeritus</i>	C-R	.....
22. G. R. Peirce, Professor.....	C-A	9 600
23. E. A. Reid, Professor, <i>Emeritus</i>	C-R	.....
24. James E. Robertson, Research Professor.....	C-ZA	.....
25. Jack P. Ruina, Professor.....	C-ZAY27	4 600
(Total Salary).....		(17 200)
(On leave without pay one year from February 1, 1959)		
26. C. E. Skroder, Professor.....	C-A	9 200
27. George W. Swenson, Jr., Professor.....	C-ZA52	5 720
(Total Salary).....		(11 000)
28. J. T. Tykociner, Research Professor, <i>Emeritus</i>	C-R	.....
29. Mac E. Van Valkenburg, Professor.....	C-ZA50	7 500
(Total Salary).....		(15 000)
30. Heinz M. Von Foerster, Professor.....	ZA32	4 000
(Total Salary).....		(12 200)
31. Nelson Wax, Professor.....	C-ZA50	7 000
(Total Salary).....		(14 000)
32. Harold D. Webb, Professor.....	C-ZA50	5 000
(Total Salary).....		(10 000)
33. Jerome Earl Williams, Professor.....	C-A	10 200
34. David Pines, Professor.....	C-ZA50	6 750
(Total Salary).....		(13 500)
35. _____, Professor.....	C-A	8 900
36. William G. Albright, Associate Professor.....	C-A	7 700
37. Roger W. Burtness, Associate Professor.....	C-A	10 000
38. Julius H. Cahn, Associate Professor.....	C-ZAY50	5 500
(Total Salary).....		(11 000)
39. Milton H. Crothers, Associate Professor.....	C-A	8 800
40. Arwin A. Dougal, Associate Professor.....	C-ZAY25	2 850
(Total Salary).....		(11 400)
41. Paul R. Egbert, Associate Professor.....	C-A	8 200
42. Edward W. Ernst, Associate Professor.....	C-A	10 000
43. Daniel F. Hang, Associate Professor.....	C-A	8 400
44. Charles Hendricks, Jr., Associate Professor.....	C-ZA88	7 875
(Total Salary).....		(9 000)
45. H. W. Horn, Associate Professor.....	C-A	8 700
46. P. Edward Mast, Associate Professor.....	C-ZA75	6 300
(Total Salary).....		(8 400)
47. Paul E. Mayes, Associate Professor.....	C-ZAY27	3 330
(Total Salary).....		(12 200)
48. Millard S. McVay, Associate Professor.....	C-A	9 600
49. T. A. Murrell, Associate Professor.....	C-A	8 700
50. J. P. Neal, Associate Professor.....	C-A	8 200

51. Wolfgang Poppelbaum, Research Associate Professor....	C-ZAY	.....
52. P. F. Schwarzlose, Associate Professor.....	C-A	9 400
53. Walter L. Weeks, Associate Professor.....	C-ZB25	2 300
(Total Salary).....		(9 200)
(On leave without pay 1959-60)		
54. _____, Associate Professor.....	C-A50	5 000
55. Philip A. Bauman, Assistant Professor.....	C-B	6 400
56. Raymond A. Davidson, Assistant Professor.....	C-B	7 600
57. John D. Dyson, Assistant Professor.....	C-ZBY25	2 450
(Total Salary).....		(9 800)
58. Seifollah Hakimi, Assistant Professor.....	C-ZB67	5 000
(Total Salary).....		(7 500)
59. Paul K. Hudson, Assistant Professor.....	C-B	7 900
60. Julius O. Kopplin, Assistant Professor.....	C-B	8 400
61. John B. Kreer, Assistant Professor.....	C-B	8 400
62. Benjamin Kuo, Assistant Professor.....	C-B	7 500
63. Gene H. Leichner, Assistant Professor.....	C-B50	4 100
64. R. Mittra, Visiting Assistant Professor.....	C-ZE50	3 800
(Total Salary).....		(7 600)
65. B. R. Myers, Assistant Professor.....	C-ZB75	6 525
(Total Salary).....		(8 700)
66. M. Kemal Sarioglu, Visiting Assistant Professor.....	C-E50	3 100
67. Kung Chie Yeh, Assistant Professor.....	C-ZBY40	3 600
(Total Salary).....		(8 800)
68. _____, Assistant Professor.....	C-B25	1 500
69. Leo V. Auth, Jr., Instructor.....	C-D75	4 800
70. Raymond F. Beuligmann, Instructor.....	C-D50	2 500
71. Donald A. Calahan, Instructor.....	C-D50	2 200
72. Jose B. Cruz, Jr., Instructor.....	C-D	6 600
73. Charles E. Enderby, Instructor.....	C-D50	2 400
74. V. Gourishankar, Instructor.....	C-D60	3 420
75. Connor F. Haugh, Instructor.....	C-D50	2 200
76. Thomas I. Hedvig, Instructor.....	C-D50	2 650
77. DeVerl S. Humpherys, Instructor.....	C-D50	2 600
78. Shlomo Karni, Instructor.....	C-D50	2 500
79. Paul W. Klock, Instructor.....	C-D	5 600
80. Harry G. Lafuse, Instructor.....	C-D50	2 400
81. John R. Lehmann, Instructor.....	C-D75	4 500
82. V. G. K. Murti, Instructor.....	C-D50	2 500
83. Willard T. Patton, Instructor.....	C-D75	4 900
84. Christopher Pottle, Instructor.....	C-D50	2 400
85. B. Anantha Shenoi, Instructor.....	C-D75	3 550
86. Hing-Cheong So, Instructor.....	C-D75	3 500
87. Andrew W. Swago, Instructor.....	C-ZD25	1 950
(Total Salary).....		(7 800)
88. Tao Nan Tang, Instructor.....	C-D50	2 400
89. Richard E. Toepfer, Jr., Instructor.....	C-D50	2 600
90. Joseph T. Verdeyen, Instructor.....	C-D50	3 200
91. James R. Young, Instructor.....	C-D67	4 300
92. _____, Instructor.....	C-D	4 700
93. _____, Instructor.....	C-D75	3 500
94. 11.00 Full Time Equivalent Assistants.....	C-E	42 970
Nonacademic Salaries.....	C	87 200
Nonacademic Salaries.....	S	47 730
Total, Salaries.....		(701 830)
Wages.....	C	19 000
Expense.....	C	23 300
Equipment.....	C	15 000
Total, Wages, Expense, and Equipment.....		(57 300)
Total, Electrical Engineering.....		\$759 130

Electrical Engineering Network Analyzer Revolving

Account Number 12-22-25-356

Expense.....	S	\$ 700
Total, Electrical Engineering Network Analyzer Revolving		\$ 700

Cooperative Investigations**BOEING AIRPLANE COMPANY — RESEARCH ON ANTENNAS**

Account Number 44-22-25-308

1. Paul E. Mayes, Research Associate Professor.....	S-ZAY6	\$ 730
2. Robert L. Carrel, Research Assistant.....	S-DY	6 200
<i>Total, Boeing Airplane Company — Research on Antennas</i>		<u>\$ 6 930</u>

U.S. AIR FORCE 63

Account Number 46-22-25-303

1. B. R. Myers, Assistant Professor.....	S-ZD25	\$ 2 175
<i>(Total Salary)</i>		<i>(8 700)</i>

U.S. AIR FORCE 417

Account Number 46-22-25-305

1. Wendell E. Miller, Research Professor.....	S-ZAY5	\$ 700
2. Paul Handler, Assistant Professor.....	S-ZB50	4 250
<i>(Total Salary)</i>		<i>(8 500)</i>
3. Amikam Aharoni, Research Associate.....	S-ZDY50	3 300
<i>(Total Salary)</i>		<i>(6 600)</i>
<i>Total, U.S. Air Force 417</i>		<u>\$ 8 250</u>

U.S. AIR FORCE 2152

Account Number 46-22-25-309

1. Ladislav Goldstein, Professor.....	S-ZA33	\$ 5 500
2. Wendell E. Miller, Research Professor.....	S-ZAY5	700
3. Julius H. Cahn, Associate Professor.....	S-ZAY50	5 500
4. Arwin A. Dougal, Research Associate Professor.....	S-ZAY25	2 850
5. Cheng-lin Chen, Research Associate.....	S-DY75	4 230
6. Fu Fang, Research Assistant.....	S-DY	5 270
7. Clare C. Leiby, Jr., Research Assistant.....	S-DY	8 200
8. Francois M. Rostas, Research Assistant.....	S-E	4 100
<i>Total, U.S. Air Force 2152</i>		<u>\$36 350</u>

U.S. AIR FORCE 6079

Account Number 46-22-25-314

1. Wendell E. Miller, Research Professor.....	S-ZAY5	\$ 700
2. P. Edward Mast, Associate Professor.....	S-ZA25	2 100
3. Paul E. Mayes, Research Associate Professor.....	S-ZAY67	8 140
4. Walter L. Weeks, Associate Professor.....	S-ZB75	6 900
<i>(On leave without pay 1959-60)</i>		
5. John D. Dyson, Research Assistant Professor.....	S-ZBY75	7 350
6. Yuen Tze Lo, Research Assistant Professor.....	S-ZBY67	7 400
<i>(Total Salary)</i>		<i>(11 100)</i>
7. R. Mitra, Visiting Assistant Professor.....	S-ZE50	3 800
<i>Total, U.S. Air Force 6079</i>		<u>\$36 390</u>

U.S. AIR FORCE 3481

Account Number 46-22-25-315

1. Arwin A. Dougal, Associate Professor.....	S-ZAY50	\$ 5 700
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U.S. AIR FORCE 556

Account Number 46-22-25-316

1. Don F. Holshouser, Associate Professor.....	S-AY	\$ 9 300
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U.S. ARMY ORDNANCE 1983

Account Number 46-22-25-322

1. Seifollah Hakimi, Assistant Professor.....	S-ZB33	\$ 2 500
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U.S. ARMY SIGNAL CORPS 73150

Account Number 46-22-25-329

1. Ladislav Goldstein, Professor.....	S-ZA34	\$ 5 500
2. Susumu Takeda, Visiting Research Assistant Professor..	S-DY	7 400
3. Amikam Aharoni, Research Associate.....	S-ZDY50	3 300
<i>Total, U.S. Army Signal Corps 73150</i>		<u>\$16 200</u>

U.S. ARMY SIGNAL CORPS 73163

Account Number 46-22-25-330

1. Harold D. Webb, Professor.....	S-ZA50	\$ 5 000
2. Richard L. Sydnor, Research Associate.....	S-ZDY37	2 950
(Total Salary).....		(5 900)
<i>Total, U.S. Army Signal Corps 73163.....</i>		<u>\$ 7 950</u>

U.S. ATOMIC ENERGY COMMISSION 392

Account Number 46-22-25-334

1. Paul D. Coleman, Research Professor.....	S-ZA67	\$ 7 900
2. Richard C. Becker, Assistant Professor.....	S-BY	9 000
3. Andrew W. Swago, Instructor.....	S-ZD75	5 850
4. Richard J. Kenyon, Research Assistant.....	S-DY	4 800
<i>Total, U.S. Atomic Energy Commission 392.....</i>		<u>\$27 550</u>

U.S. NATIONAL SCIENCE FOUNDATION G 2427

Account Number 46-22-25-351

1. Frederic Brunswick, Research Associate.....	S-DY	\$ 7 800
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U.S. NATIONAL SCIENCE FOUNDATION Y32 40266

Account Number 46-22-25-352

1. Kung Chie Yeh, Research Assistant Professor.....	S-ZBY60	\$ 5 200
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U.S. NATIONAL SCIENCE FOUNDATION G 7040

Account Number 46-22-25-353

1. Harold A. Spuhler, Research Associate.....	S-DY75	\$ 7 100
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U.S. N.O.B.S. 64723

Account Number 46-22-25-357

1. Wendell E. Miller, Research Professor.....	S-ZAY5	\$ 700
2. Edgar C. Hayden, Associate Professor.....	S-ZBY50	5 800
(Total Salary).....		(11 600)
3. Clay D. Westlund, Instructor.....	S-D75	5 500
4. Robert S. Smith, Research Associate.....	S-DY	7 300
<i>Total, U.S. N.O.B.S. 64723.....</i>		<u>\$19 300</u>

U.S. OFFICE OF NAVAL RESEARCH 1834 02

Account Number 46-22-25-378

1. Albert D. Bailey, Professor.....	S-ZA50	\$ 5 100
2. Edgar C. Hayden, Associate Professor.....	S-ZBY50	5 800
3. Richard L. Sydnor, Research Associate.....	S-ZDY38	2 950
<i>Total, U.S. Office of Naval Research 1834 02.....</i>		<u>\$13 850</u>

U.S. OFFICE OF NAVAL RESEARCH 1834 17

Account Number 46-22-25-380

1. Paul Handler, Research Assistant Professor.....	S-ZB50	\$ 4 250
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U.S. OFFICE OF NAVAL RESEARCH 1834 20

Account Number 46-22-25-381

1. Wendell E. Miller, Research Professor.....	S-ZAY5	\$ 700
2. Elizabeth K. Kelly, Research Associate.....	S-ZDY15	1 200
(Total Salary).....		(8 000)
<i>Total, U.S. Office of Naval Research 1834 20.....</i>		<u>\$ 1 900</u>

U.S. OFFICE OF NAVAL RESEARCH 1834 21

Account Number 46-22-25-382

1. Heinz M. Von Foerster, Professor.....	S-ZA20	\$ 2 444
2. Murray L. Babcock, Research Associate.....	S-ZDY50	3 050
(Total Salary).....		(6 100)
<i>Total, U.S. Office of Naval Research 1834 21.....</i>		<u>\$ 5 494</u>

U.S. PUBLIC HEALTH SERVICE B 1017

Account Number 46-22-25-388

1. Floyd Dunn, Research Assistant Professor.....	S-DY	\$10 000
2. Francis J. Fry, Research Assistant Professor.....	S-ZBY50	5 250
(Total Salary).....		(10 500)
3. Stefen Borbely, Research Assistant.....	S-DY	4 800
<i>Total, U.S. Public Health Service B 1017.....</i>		<u>\$20 050</u>

U.S. PUBLIC HEALTH SERVICE B 1567

Account Number 46-22-25-390

1. Francis J. Fry, Research Assistant Professor.....	S-ZBY50	\$ 5 250
2. Rolfs Krumins, Research Assistant Professor.....	S-DY	7 350
3. Reginald C. Eggleton, Research Assistant.....	SDY	8 000
<i>Total, U.S. Public Health Service B 1567.....</i>		<i>\$20 600</i>

U.S. PUBLIC HEALTH SERVICE C 4044

Account Number 46-22-25-391

1. Heinz M. Von Foerster, Professor.....	S-ZA48	\$ 5 756
2. Murray L. Babcock, Research Associate.....	S-ZDY50	3 050
<i>Total, U.S. Public Health Service C 4044.....</i>		<i>\$ 8 806</i>

Ultrasound in Biology

Account Number 00-22-26-300

1. William J. Fry, Research Professor.....	S-AY	\$14 000
2. Garth J. Thomas, Research Professor.....	S-ZAY50	6 600
(Total Salary).....		(13 200)
3. Elizabeth K. Kelly, Research Associate.....	S-ZDY85	6 800
(Total Salary).....		(8 000)
Nonacademic Salaries.....	S	6 430
<i>Total, Salaries.....</i>		<i>(33 830)</i>
Wages.....	S	400
Equipment.....	S	4 300
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(4 700)</i>
<i>Total, Ultrasound in Biology.....</i>		<i>\$38 530</i>

General Engineering**College**

Account Number 00-22-30-100

1. Jerry S. Dobrovlny, Professor and Head of Department	C-A	\$10 000
2. S. G. Hall, Professor.....	C-A	9 350
3. R. P. Hoelscher, Professor, <i>Emeritus</i>	C-R	.....
4. Bernt O. Larson, Professor.....	C-A	9 700
5. Edwin McClintock, Jr., Professor.....	C-ZAY	.....
6. John E. Pearson, Professor.....	C-A	9 700
7. Stanley H. Pierce, Professor.....	C-ZAY	.....
8. Wayne L. Shick, Professor.....	C-A	9 000
9. C. H. Springer, Professor.....	C-A	12 500
10. L. D. Walker, Professor.....	C-A	9 650
11. Robert P. Borri, Associate Professor.....	C-A	8 000
12. Edward D. Ebert, Associate Professor.....	C-A	8 000
13. Robert A. Jewett, Associate Professor.....	C-A	7 500
14. Fred L. Spalding, Associate Professor.....	C-A	7 500
15. R. S. Crossman, Assistant Professor, <i>Emeritus</i>	C-R	.....
16. Thomas C. Hartley, Assistant Professor.....	C-B	7 000
17. John P. Hipskind, Assistant Professor.....	C-B	6 000
18. Archie Mathews, Assistant Professor.....	C-B	6 700
19. Howard C. Nelson, Assistant Professor.....	C-B	6 000
20. David R. Opperman, Assistant Professor.....	C-ZB	.....
21. Donald E. Scheck, Assistant Professor.....	C-B	6 000
22. Paul W. Steinbeck, Assistant Professor.....	C-B	6 000
23. James R. Tague, Assistant Professor.....	C-B	6 500
24. Grace Wilson, Assistant Professor.....	C-B	6 400
25. ———, Assistant Professor.....	C-B	5 400
26. Richard J. Beck, Instructor.....	C-D	5 200
27. Samuel Lomask, Instructor.....	C-D50	2 700
28. Gordon E. Martin, Instructor.....	C-D	6 300
29. R. J. Placek, Instructor.....	C-D50	2 500
30. David R. Reyes-Guerra, Instructor.....	C-D	6 000
31. Harrison Streeter, Instructor.....	C-D80	4 800
32. ———, Instructor.....	C-D	5 500
33. David C. O'Bryant, Assistant.....	C-E	4 500
34. 3.25 Full Time Equivalent Assistants.....	C-E	12 360

Nonacademic Salaries.....	C	7 260
<i>Total, Salaries.....</i>		(214 020)
Wages.....	C	8 200
Expense.....	C	7 000
Equipment.....	C	2 600
<i>Total, Wages, Expense, and Equipment.....</i>		(17 800)
<i>Total, General Engineering — College.....</i>		\$231 820

Measurement Program

Account Number 00-22-35-300		
1. H. N. Hayward, Director.....	S-ZD	\$12 000
2. Howard C. Roberts, Research Professor.....	S-AY	11 200
Nonacademic Salaries.....	S	35 250
<i>Total, Salaries.....</i>		(58 450)
Wages.....	S	3 300
Expense.....	S	3 000
Equipment.....	S	4 000
<i>Total, Wages, Expense, and Equipment.....</i>		(10 300)
<i>Total, Measurement Program.....</i>		\$68 750

Mechanical Engineering

Account Number 00-22-40-100; College 00-22-40-100; Station 00-22-40-300		
1. Norman A. Parker, Professor and Head of Department..	C-A	\$19 500
2. E. L. Broghamer, Professor.....	C-A	9 400
3. C. H. Casberg, Professor, <i>Emeritus</i>	C-R	.....
4. Bei Tse Chao, Professor.....	C-A	11 500
5. Lawrence E. Doyle, Professor.....	C-A	9 000
6. William N. Espy, Professor.....	C-A	12 000
7. M. K. Fahnestock, Research Professor.....	S-ZAY	12 200
8. Julian R. Fellows, Professor.....	C-A	11 000
9. C. Dale Greife, Professor.....	C-A	9 000
10. C. W. Ham, Professor, <i>Emeritus</i>	C-R	.....
11. George W. Harper, Professor.....	C-A	10 000
12. Eugene F. Hebrank, Professor.....	C-A	9 500
13. John A. Henry, Professor.....	C-ZA75	7 200
(Total Salary).....		(9 600)
(On leave without pay first semester 1959-60)		
14. William L. Hull, Professor.....	C-A	10 500
15. Seichi Konzo, Professor.....	C-A	13 000
16. Helmut H. Korst, Professor.....	C-A	14 500
17. A. P. Kratz, Research Professor, <i>Emeritus</i>	C-R	.....
18. Reinhold F. Larson, Professor.....	C-A	11 000
19. James L. Leach, Professor.....	C-A	9 000
20. Edwin D. Luke, Professor.....	C-A	10 000
21. Ross J. Martin, Professor.....	C-ZAY	.....
22. John C. Miles, Professor.....	C-A	9 500
23. Leo C. Pigage, Professor.....	C-A	9 500
24. Eugene I. Radzimovsky, Professor.....	C-A	9 500
25. David G. Ryan, Professor.....	C-A	12 000
26. Francis Seyfarth, Professor.....	C-A	9 400
27. Shao Lee Soo, Professor.....	C-A	11 000
28. K. J. Trigger, Professor.....	C-A	13 500
29. Harlan D. Bareither, Associate Professor.....	C-ZAY27	3 200
(Total Salary).....		(12 000)
30. J. W. Bayne, Associate Professor.....	C-A	7 800
31. John R. Carroll, Associate Professor.....	C-A	8 200
32. Wen-Lung Chow, Research Associate Professor.....	S-A	8 000
33. David H. Cole, Associate Professor.....	C-A	7 500
34. Thornton W. Price, Associate Professor.....	C-A	9 000
35. C. E. Schubert, Associate Professor.....	C-A	8 100
36. C. J. Starr, Associate Professor, <i>Emeritus</i>	C-R	.....
37. Wilbert F. Stoecker, Associate Professor.....	C-A	8 000
38. Ross P. Strout, Associate Professor.....	C-A	7 500
39. John L. Whisenand, Associate Professor.....	C-A	7 600

40. ———, Associate Professor.....	C-A	8 500
41. Willard E. Bair, Assistant Professor.....	C-B	8 000
42. A. G. Friederich, Assistant Professor.....	C-B	7 000
43. David H. Offner, Assistant Professor.....	C-B	7 000
44. Charles M. Phipps, Jr., Assistant Professor.....	C-B	6 700
45. George F. Schrader, Assistant Professor.....	C-B	9 700
46. Arthur M. Carson, Instructor.....	C-D	4 800
47. C. E. Derrough, Instructor, <i>Emeritus</i>	C-R	.....
48. James L. French, Instructor.....	C-D	6 000
49. Robert B. Gaither, Instructor.....	C-D	6 000
50. Ronald H. Howell, Instructor.....	C-D	5 000
51. Donald L. Mykkanen, Instructor.....	C-D	6 700
52. Morse B. Singer, Instructor.....	C-D	6 600
53. Ronald L. Smoot, Instructor.....	C-D	6 000
54. Robert A. White, Instructor.....	C-D	5 200
55. A. D. Wright, Instructor, <i>Emeritus</i>	C-R	.....
56. George P. Anderson, Lecturer in Industrial Engineering..	C-D	10 000
57. Stephen R. Davis, Lecturer.....	C-D	7 600
58. Harry K. Ihrig, Jr., Lecturer.....	C-D	6 600
59. Hugo Scobel, Lecturer.....	C-D	5 500
60. B. F. Von Turkovich, Lecturer in Industrial Engineering	C-D	7 600
61. Howard L. Schmidt, Assistant.....	C-E	4 200
62. Switlana Winnikow, Assistant.....	C-E	3 900
63. 6.30 Full Time Equivalent Assistants.....	C-E	24 580
64. 0.25 Full Time Equivalent Assistants.....	S-E	1 000
Nonacademic Salaries.....	C	75 350
Nonacademic Salaries.....	S	19 836
<i>Total, Salaries</i>		(596 966)
Wages.....	C	9 200
Expense.....	C	28 000
Expense.....	S	3 600
Equipment.....	C	4 000
Equipment.....	S	3 000
<i>Total, Wages, Expense, and Equipment</i>		(47 800)
<i>Total, Mechanical Engineering</i>		\$644 766

Cooperative Investigations

INSTITUTE OF BOILER AND RADIATOR MANUFACTURERS — STEAM AND WATER HEAT

Account Number 44-22-40-342

1. Warren S. Harris, Professor.....	S-BY	\$12 500
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NATIONAL WARM AIR HEATING — FURNACES

Account Number 44-22-40-356

1. Edward J. Brown, Research Associate.....	S-DY	\$ 7 700
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Mining and Metallurgical Engineering

Account Number 00-22-50-100; College 00-22-50-100; Station 00-22-50-300

1. Thomas A. Read, Professor of Metallurgical Engineering and Head of Department.....	C-A	\$16 500
2. Robert W. Balluffi, Professor of Physical Metallurgy....	S-ZA50	4 600
(Total Salary).....		(9 200)
3. Paul A. Beck, Professor of Physical Metallurgy.....	S-A	13 500
4. Robert W. Bohl, Professor of Metallurgical Engineering..	C-A	9 000
5. W. H. Bruckner, Professor of Metallurgical Engineering..	S-ZA50	4 800
(Total Salary).....		(9 600)
6. William R. Chedsey, Professor of Mining Engineering, <i>Emeritus</i>	C-R	.....
7. Earl J. Eckel, Professor of Metallurgical Engineering....	C-A	9 900
8. Bernard G. Ricketts, Professor of Metallurgical Engi- neering.....	C-A	9 400
9. Walter D. Rose, Professor of Petroleum Engineering....	C-A	10 200
10. Norman Street, Professor of Petroleum Engineering.....	C-A	9 000
11. Walter H. Voskuil, Professor of Mineral Economics.....	C-A10	1 350
(Also paid \$8,250 by State Geological Survey)		

12. Charles A. Wert, Professor of Physical Metallurgy.....	S-ZA50	6 000
(Total Salary).....		(12 000)
13. Frederick D. Wright, Professor of Mining Engineering..	C-A	10 200
14. Rudolph G. Wuerker, Professor of Mining Engineering..	C-A	9 000
15. George R. Eadie, Associate Professor of Mining Engineering.....	C-B	8 000
16. A. C. Forsyth, Associate Professor of Metallurgical Engineering.....	C-A	8 400
17. David S. Lieberman, Associate Professor of Metallurgical Engineering.....	C-A	8 700
18. Marvin Metzger, Associate Professor of Physical Metallurgy.....	S-A	8 700
19. Robb M. Thomson, Associate Professor of Physical Metallurgy.....	C-A	8 400
20. Erwin K. Weise, Associate Professor of Metallurgical Engineering.....	C-ZBY40	3 600
(Total Salary).....		(8 800)
21. Carl J. Altstetter, Assistant Professor of Physical Metallurgy.....	C-B	6 800
22. Clarence M. Wayman, Assistant Professor of Metallurgical Engineering.....	C-B	7 000
23. _____, Assistant Professor of Petroleum Engineering.....	C-B	7 500
24. 1.25 Full Time Equivalent Assistants.....	C-E	4 700
25. 1.00 Full Time Equivalent Research Assistants.....	S-E	4 000
Nonacademic Salaries.....	C	17 280
Nonacademic Salaries.....	S	14 460
<i>Total, Salaries</i>		(220 990)
Wages.....	C	3 400
Wages.....	S	2 600
Expense.....	C	5 500
Expense.....	S	5 500
Equipment.....	C	6 400
Equipment.....	S	4 600
<i>Total, Wages, Expense, and Equipment</i>		(28 000)
<i>Total, Mining and Metallurgical Engineering</i>		\$248 990

Cooperative Investigations

U.S. AIR FORCE 212

Account Number 46-22-50-307

1. Erwin K. Weise, Associate Professor of Metallurgical Engineering..... S-ZBY60 \$ 5 200

U.S. AIR FORCE 420

Account Number 46-22-50-309

1. Ross N. Tucker, Research Associate in Mining and Metallurgical Engineering..... S-DY \$ 6 500
 2. Vittorio Celli, Research Associate in Mining and Metallurgical Engineering..... DY 6 500
- Total, U.S. Air Force 420*..... \$13 000

U.S. AIR FORCE 3789

Account Number 46-22-50-311

1. Chin H. Cheng, Research Associate in Mining and Metallurgical Engineering..... S-DY \$ 6 000
 2. Klaus Schröder, Research Associate in Mining and Metallurgical Engineering..... S-DY 7 500
 3. Chuan-tseng Wei, Research Associate in Mining and Metallurgical Engineering..... S-DY 6 000
- Total, U.S. Air Force 3789*..... \$19 500

U.S. N.O.B.S. 77012

Account Number 46-22-50-359

1. W. H. Bruckner, Professor of Metallurgical Engineering. S-ZA50 \$ 4 800

Nuclear Engineering

Account Number 00-22-53-100

1. Felix T. Adler, Professor of Physics and Nuclear Engineering.....	C-ZA	.....
2. Marvin E. Wyman, Professor of Physics and Nuclear Engineering.....	C-ZA	.....
3. 1.50 Full Time Equivalent Assistants.....	C-E	\$ 7 150
Nonacademic Salaries.....	C	4 800
<i>Total, Salaries</i>	C	(11 950)
Wages.....	C	900
Expense.....	C	6 200
Equipment.....	C	8 000
<i>Total, Wages, Expense, and Equipment</i>		(15 100)
<i>Total, Nuclear Engineering</i>		\$27 050

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	\$20 000
(On leave without pay 1959-60)		
2. G. M. Almy, Professor and Acting Head of Department.....	C-A	18 200
3. Robert J. Maurer, Professor and Acting Associate Head of Department.....	C-A	14 600
4. Felix T. Adler, Professor of Physics and Nuclear Engineering.....	C-ZA	14 000
5. James S. Allen, Professor.....	C-ZA50	6 000
(Total Salary).....		(12 000)
(On leave with pay second semester 1959-60)		
6. Daniel Alpert, Research Professor.....	C-ZAY	.....
7. Peter Axel, Professor.....	C-A	9 400
8. John Bardeen, Professor.....	C-ZA50	9 460
(Total Salary).....		(20 000)
9. James H. Bartlett, Professor.....	C-A	9 500
10. Robert A. Becker, Professor.....	C-A	10 800
11. Hans Frauenfelder, Professor.....	C-A	13 000
12. Edwin L. Goldwasser, Professor.....	C-A	9 500
13. Alfred O. Hanson, Professor.....	C-A	13 000
14. Robert D. Hill, Professor.....	C-A	10 800
15. Robert I. Hulsizer, Jr., Professor.....	C-A	12 000
16. John D. Jackson, Professor.....	C-A	12 000
17. James Koehler, Professor.....	C-ZA50	6 500
(Total Salary).....		(13 000)
18. P. Gerald Kruger, Professor.....	C-A	15 600
19. Leo S. Lavatelli, Professor.....	C-A	9 500
20. David Lazarus, Professor.....	C-A	10 000
21. F. W. Loomis, Professor, <i>Emeritus</i>	C-R	.....
22. E. M. Lyman, Professor.....	C-A	12 200
23. Dillon E. Mapother, Professor.....	C-A	10 000
24. R. E. Meagher, Research Professor.....	C-ZA	.....
25. Kazuhiko Nishijima, Professor.....	C-D	12 500
26. Arnold T. Nordsieck, Professor.....	C-ZA50	8 750
(Total Salary).....		(17 500)
27. David Pines, Professor.....	C-ZA50	6 750
(Total Salary).....		(13 500)
28. C. W. Sherwin, Professor.....	C-ZA50	7 000
(Total Salary).....		(14 000)
29. Charles P. Slichter, Professor.....	C-A	13 000
30. James N. Snyder, Professor.....	C-ZA	.....
31. F. R. Watson, Professor, <i>Emeritus</i>	C-RA	.....
32. Marvin E. Wyman, Professor of Physics and Nuclear Engineering.....	C-ZA	13 000
33. _____, Professor.....	C-A50	8 200
34. Giulio Ascoli, Associate Professor.....	C-A	8 400
35. Frederick C. Brown, Associate Professor.....	C-A	10 000
36. Robert Novick, Associate Professor.....	C-A	10 000

37. R. F. Paton, Associate Professor, <i>Emeritus</i>	C-R	.....
38. David G. Ravenhall, Associate Professor.....	C-A	8 500
39. James H. Smith, Associate Professor.....	C-A	8 600
40. John C. Wheatley, Associate Professor.....	C-A	9 000
41. H. W. Wyld, Jr., Associate Professor.....	C-A	8 300
42. _____, Associate Professor of Physics and Nuclear Engineering.....	C-A	9 000
43. _____, Associate Professor of Physics and Ceramic Engineering.....	C-A ₅₀	4 000
44. Lloyd D. Fosdick, Research Assistant Professor.....	C-ZB	.....
45. John P. Hummel, Assistant Professor.....	C-ZB ₅₀	3 700
(Total Salary).....		(7 400)
46. Ulrich E. Kruse, Assistant Professor.....	C-D	8 500
47. Ralph O. Simmons, Assistant Professor.....	C-D	7 200
48. 26.25 Full Time Equivalent Assistants.....	C-E	99 750
Nonacademic Salaries.....	C	93 455
<i>Total, Salaries</i>		(603 665)
Wages.....	C	3 600
Expense.....	C	28 800
Expense.....	S	9 100
Equipment.....	C	6 000
Equipment.....	S	8 000
<i>Total, Wages, Expense, and Equipment</i>		(55 500)
<i>Total, Physics</i>		\$659 165

Cooperative Investigations

A. P. SLOAN FOUNDATION, INC. — PHYSICS — NOVICK

Account Number 44-22-55-375

1. Mark N. McDermott, Research Associate..... S-DY \$ 7 000

A. P. SLOAN FOUNDATION, INC. — MAGNETIC RESEARCH — SLICHTER

Account Number 44-22-55-378

1. Robert L. Mieher, Research Associate..... S-DY \$ 7 000

U.S. AIR FORCE 49

Account Number 46-22-55-301

1. R. Norman Peacock, Research Assistant Professor..... S-DY \$ 7 350

U.S. AIR FORCE 528

Account Number 46-22-55-303

1. Theodore D. Schultz, Research Assistant Professor..... S-DY \$ 7 500

2. Donald M. Ginsberg, Research Associate..... S-ZDY18 1 364

(Total Salary)..... (7 500)

3. Allen H. Miller, Research Associate..... S-DY 6 500

Total, U.S. Air Force 528..... \$15 364

U.S. AIR FORCE 529

Account Number 46-22-55-305

1. Fred Fischer, Research Assistant Professor..... S-DY \$ 7 500

U.S. AIR FORCE 579

Account Number 46-22-55-306

1. Gianni Ascarelli, Research Associate..... S-DY \$ 7 000

U.S. ARMY ORDNANCE 992

Account Number 46-22-55-310

1. Marvin Garfinkel, Research Associate..... S-DY \$ 6 800

2. Roger W. Shaw, Research Associate..... DY 6 800

Total, U.S. Army Ordnance 992..... \$13 600

U.S. ARMY ORDNANCE 1001

Account Number 46-22-55-312

1. J. Robert Schrieffer, Assistant Professor..... S-D \$ 7 200

U.S. ATOMIC ENERGY COMMISSION PROJECT 3

Account Number 46-22-55-320

1. Robert V. Coleman, Research Assistant Professor..... S-DY \$ 7 500

U.S. ATOMIC ENERGY COMMISSION PROJECT 22

Account Number 46-22-55-321

1. William A. Steyert, Jr., Research Associate.....	S-DY	\$ 7 000
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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	\$ 4 600
(Total Salary).....		(9 200)
2. James Koehler, Professor.....	S-ZA50	6 500
3. Charles A. Wert, Professor of Physical Metallurgy.....	S-ZA50	6 000
(Total Salary).....		(12 000)
4. Sergio Rodriguez, Research Assistant Professor.....	S-DY	7 500
<i>Total, U.S. Atomic Energy Commission 182.....</i>		<i>\$24 600</i>

U.S. NATIONAL SCIENCE FOUNDATION G4219

Account Number 46-22-55-355

1. George D. Whitfield, Research Associate.....	S-DY	\$ 6 500
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U.S. NATIONAL SCIENCE FOUNDATION G 6055

Account Number 46-22-55-356

1. Franco A. Levi, Assistant Professor.....	S-GY	\$ 7 800
(Five months from September 1, 1959)		

U.S. OFFICE OF NAVAL RESEARCH 1834 05

Account Number 46-22-55-361

1. James S. Allen, Professor.....	S-ZA50	\$ 6 000
(On leave with pay second semester 1959-60)		
2. Santimay Chatterjee, Research Assistant Professor.....	S-DY	8 000
3. John E. Crew, Research Assistant Professor.....	S-DY	7 200
4. Edward L. Garwin, Research Assistant Professor.....	S-DY	7 500
5. Avivi I. Yavin, Research Assistant Professor.....	S-DY	8 000
6. Giovanni De Pasquali, Research Associate.....	S-DY	8 000
7. Marcus T. Grisaru, Research Associate.....	S-DY	7 000
8. J. S. O'Connell, Research Associate.....	S-DY	6 500
9. Mir Azam Ali, Research Assistant.....	S-G	4 400
(Nine and one-half months from September 1, 1959)		
10. Dorothy Carlson-Lee, Research Assistant.....	S-DY	5 200
11. Hilary W. Moore, Research Assistant.....	S-DY	5 300
<i>Total, U.S. Office of Naval Research 1834 05.....</i>		<i>\$73 100</i>

U.S. OFFICE OF NAVAL RESEARCH 1834 12

Account Number 46-22-55-363

1. Robert S. Knox, Research Assistant Professor.....	S-DY	\$ 7 500
2. Hiroshi Fujiwara, Research Associate.....	S-DY	7 000
<i>Total, U.S. Office of Naval Research 1834 12.....</i>		<i>\$14 500</i>

U.S. OFFICE OF NAVAL RESEARCH 1834 19

Account Number 46-22-55-370

1. John A. Cape, Research Associate.....	S-DY	\$ 7 000
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Physics Betatron

Account Number 00-22-56-300

1. Rudolf Haag, Research Professor of Physics.....	S-E	\$12 500
(Semester II)		
2. C. S. Robinson, Research Professor of Physics.....	S-AY	12 700
3. Albert Wattenberg, Research Professor of Physics.....	S-AY	16 000
4. Louis J. Koester, Jr., Research Associate Professor of Physics.....	S-AY	9 700
5. 3.00 Full Time Equivalent Research Assistants.....	S-DY	14 000
Nonacademic Salaries.....	S	59 955
<i>Total, Salaries.....</i>		<i>(124 855)</i>
Wages.....	S	2 300
Expense.....	S	19 000
Equipment.....	S	10 400
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(31 700)</i>
<i>Total, Physics Betatron.....</i>		<i>\$156 555</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	\$17 500
2. Arthur P. Boresi, Professor.....	{C-A50	4 700
	{S-A50	4 700
(Total Salary).....		(9 400)
3. Cletus Edward Bowman, Professor.....	C-A	9 600
4. W. Leighton Collins, Professor.....	C-ZA25	2 800
(Total Salary).....		(11 200)
5. Herbert T. Corten, Professor.....	S-A	10 200
6. J. O. Draffin, Professor, <i>Emeritus</i>	C-R	.....
7. N. E. Ensign, Professor, <i>Emeritus</i>	C-R	.....
8. Paul Guy Jones, Professor.....	C-A	11 200
9. Clyde E. Kesler, Professor.....	S-A	10 000
10. Henry L. Langhaar, Professor.....	C-A	15 000
11. W. M. Lansford, Professor.....	C-A	12 000
12. H. F. Moore, Research Professor, <i>Emeritus</i>	C-R	.....
13. William J. Putnam, Professor, <i>Emeritus</i>	C-R	.....
14. James M. Robertson, Professor.....	{C-A50	5 550
	{S-A50	5 550
(Total Salary).....		(11 100)
15. W. L. Schwalbe, Professor, <i>Emeritus</i>	C-R	.....
16. F. B. Seely, Professor, <i>Emeritus</i>	C-R	.....
17. Omar M. Sidebottom, Professor.....	{C-A50	4 800
	{S-A50	4 800
(Total Salary).....		(9 600)
18. George M. Sinclair, Professor.....	S-A	10 700
19. James O. Smith, Professor.....	C-A	12 500
20. Marvin Stippes, Professor.....	{C-A50	4 500
	{S-A50	4 500
(Total Salary).....		(9 000)
21. Charles E. Taylor, Professor.....	{C-A50	5 200
	{S-A50	5 200
(Total Salary).....		(10 400)
22. Harry R. Wetenkamp, Professor.....	C-A	9 000
23. ———, Professor.....	{C-A50	5 000
	{S-A50	5 000
(Total Salary).....		(10 000)
24. Marilyn E. Clark, Associate Professor.....	C-A	8 000
25. Thaddeus M. Elsesser, Associate Professor.....	C-A	7 500
26. Jodean Morrow, Associate Professor.....	{C-A50	4 000
	{S-A50	4 000
(Total Salary).....		(8 000)
27. Will J. Worley, Associate Professor.....	C-A	8 200
28. Frederick G. Bauling, Assistant Professor.....	C-B	6 800
29. Albert C. Bianchini, Assistant Professor.....	{C-B50	3 550
	{S-B50	3 550
(Total Salary).....		(7 100)
30. George Costello, Assistant Professor.....	C-B	6 300
31. Horatio M. Fitch, Assistant Professor.....	C-B	7 300
32. Russell S. Jensen, Assistant Professor.....	C-B	7 000
33. Niels C. Lind, Assistant Professor.....	C-ZB50	3 150
(Total Salary).....		(6 300)
34. Robert E. Miller, Assistant Professor.....	C-B	6 600
35. Edward T. Misiaszek, Assistant Professor.....	C-ZB50	3 150
(Total Salary).....		(6 300)
36. Gerald A. Wempner, Assistant Professor.....	C-B	7 500
37. James W. Baldwin, Jr., Instructor.....	C-D	5 800
38. Philip E. Bennett, Instructor.....	C-D	5 000
39. G. W. Brock, Instructor.....	C-ZD50	2 900
(Total Salary).....		(5 800)
40. Enrique Chicurel, Instructor.....	C-D50	2 610
41. Donald L. Dewhirst, Instructor.....	C-D50	2 500
42. Raymond Hagglund, Instructor.....	C-D50	2 700

43. S. Russell Keim, Instructor.....	C-D	5 800
44. Algirdas H. Marchertas, Instructor.....	C-D50	2 600
45. John W. Melvin, Instructor.....	C-D50	2 610
46. John W. Murdock, Instructor.....	C-D	5 800
47. Jose J. Rodriguez, Instructor.....	C-D	5 500
48. Bruce G. Rogers, Instructor.....	C-D50	2 610
49. Jerry W. Schweiker, Instructor.....	C-D	5 700
50. Ralph I. Stephens, Instructor.....	C-D	5 000
51. Robert L. Thoms, Instructor.....	C-D50	2 600
52. Joseph Warwaruk, Instructor.....	C-D	5 360
53. 3.00 Full Time Equivalent Assistants.....	C-E	11 900
Nonacademic Salaries.....	C	34 110
Nonacademic Salaries.....	S	19 685
<i>Total, Salaries.....</i>		(397 385)
Wages.....	C	2 600
Wages.....	S	1 720
Expense.....	C	8 800
Expense.....	S	5 000
Equipment.....	C	6 500
Equipment.....	S	5 500
<i>Total, Wages, Expense, and Equipment.....</i>		(30 120)
<i>Total, Theoretical and Applied Mechanics.....</i>		\$427 505

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	\$10 800
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U.S. ARMY ORDNANCE 593

Account Number 46-22-60-304

1. Morris Stern, Research Associate.....	S-D	\$ 5 700
2. C. W. Tseng, Research Associate.....	S-D	5 000
<i>Total, U.S. Army Ordnance 593.....</i>		\$10 700

U.S. AIR FORCE 5153

Account Number 46-22-60-305

1. Hao Wen Liu, Research Assistant Professor.....	S-B	\$ 6 000
2. G. W. Brock, Instructor.....	S-ZD50	2 900
<i>Total, U.S. Air Force 5153.....</i>		\$ 8 900

U.S. N.O.B.S. 72069

Account Number 46-22-60-354

1. Niels C. Lind, Assistant Professor.....	S-ZB50	\$ 3 150
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U.S. NATIONAL SCIENCE FOUNDATION G4176

Account Number 46-22-60-359

1. Hubert Hilsdorf, Research Associate.....	S-DY	\$ 6 600
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COLLEGE OF FINE AND APPLIED ARTS

	General	Wages, Expense, and Equipment	Total
<i>Instruction</i>	<i>Salaries</i>		
Administration.....	\$ 45 110	\$ 9 900	\$ 55 010
Exhibits and Lectures.....	.....	5 000	5 000
Special Art Projects.....	.....	21 500	21 500
Architecture.....	397 320	11 000	408 320
Art.....	376 030	21 200	397 230
City Planning and Landscape Architecture.....	92 630	3 800	96 430

General (Concluded)

	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
School of Music.....	595 475	50 000	645 475
University of Illinois Bands.....	37 510	18 300	55 810
Krannert Art Museum.....	23 100	2 600	25 700
<i>Total, Instruction</i>	<i>(1 567 175)</i>	<i>(143 300)</i>	<i>(1 710 475)</i>
<i>Organized Research</i>			
Small Homes Council.....	66 350	7 900	74 250
<i>Extension and Public Services</i>			
Bureau of Community Planning.....	61 585	5 775	67 360
<i>Student Aid</i>			
School of Music Scholarships.....		5 000	5 000
Band Scholarship 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>\$1 695 110</i>	<i>\$167 975</i>	<i>\$1 863 085</i>

Restricted

	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
<i>Instruction</i>			
Music Revolving.....		\$ 2 000	\$ 2 000
Music Records Revolving.....		200	200
University of Illinois Bands Revolving.....		15 000	15 000
Estimated Endowment Income.....		3 000	3 000
<i>Total, Instruction</i>		<i>(20 200)</i>	<i>(20 200)</i>
<i>Organized Research</i>			
Estimated Private Gifts.....	8 000	8 000	16 000
<i>Extension and Public Services</i>			
Small Homes Council Publications Revolving.....	3 120	29 450	32 570
Estimated Indirect Costs.....		1 000	1 000
<i>Total, Extension and Public Services</i> ..	<i>(3 120)</i>	<i>(30 450)</i>	<i>(33 570)</i>
<i>Total, Restricted</i>	<i>\$11 120</i>	<i>\$58 650</i>	<i>\$69 770</i>

Administration

Account Number 00-24-01-100		
1. Allen S. Weller, Dean.....	ZBY	\$ 20 500
2. Rexford Newcomb, Dean and Professor of Architecture, Emeritus.....	R	.....
3. C. E. Palmer, Associate Dean, Emeritus.....	ZR	.....
4. Robert P. Link, Associate Dean.....	ZBY	13 000
Nonacademic Salaries.....		11 610
<i>Total, Salaries</i>		<i>(45 110)</i>
Nonrecurring Unassigned.....		(2 000)
Wages.....		700
Expense.....		2 500
Contingent.....		5 000
Exhibits and Lectures.....		5 000
Special Art Project.....		14 500
Convention Travel.....		7 000
Equipment.....		1 700
<i>Total, Wages, Expense, and Equipment</i>		<i>(36 400)</i>
<i>Total, Administration</i>		<i>\$ 81 510</i>

Architecture

Account Number 00-24-05-100		
1. Alan K. Laing, Professor.....	A}	\$15 200
Chairman of Department.....	B}	
2. Linwood J. Brightbill, Professor of Architectural Engineering.....	A	10 900
3. Walter L. Creese, Professor.....	A	9 250
4. O. S. Fjelde, Professor.....	A	10 350

5. Gabriel Guevrekian, Professor.....	A	10 350
6. Rudard A. Jones, Research Professor.....	ZAY	.....
7. Granville S. Keith, Professor.....	A	13 350
8. F. M. Lescher, Professor, <i>Emeritus</i>	R	.....
9. D. B. Lindsay, Professor.....	A	13 300
10. Robert P. Link, Professor.....	ZAY	.....
11. E. I. Love, Professor.....	A	13 350
(On leave with one-half pay 1959-60)		
12. Fred D. Miles, Professor.....	A	10 000
(On leave with pay second semester 1959-60)		
13. C. E. Palmer, Professor of Architectural Engineering, <i>Emeritus</i>	ZR	.....
14. L. H. Provine, Professor, <i>Emeritus</i>	R	.....
15. Robert J. Smith, Professor.....	A	12 900
16. E. F. Toth, Professor.....	A	13 350
17. Chu-Kia Wang, Professor of Architectural Engineering	A	13 300
18. A. Richard Williams, Professor.....	A	13 300
19. Jack S. Baker, Associate Professor.....	A	9 200
20. George T. Clayton, Associate Professor.....	A	9 550
21. Ernest A. Connally, Associate Professor.....	A	8 950
22. Paul H. Coy, Associate Professor.....	A	8 900
23. Earl M. Farnham, Associate Professor.....	A	7 750
24. George M. Hodge, Jr., Associate Professor.....	A ₅₀	4 815
Assistant to Chairman of Department.....	AY ₅₀	5 885
(Total Salary)		(10 700)
25. Harold L. Hornbeak, Associate Professor.....	A	9 400
26. Walter M. Johnson, Associate Professor of Architec- tural Drawing	A	7 650
27. William H. Kapple, Research Associate Professor.....	ZAY	.....
28. Ralph M. Line, Associate Professor.....	A	7 850
29. Charles B. Looker, Jr., Associate Professor.....	A	9 000
(On leave with pay first semester 1959-60)		
30. T. E. O'Donnell, Associate Professor, <i>Emeritus</i>	R	.....
31. John G. Replinger, Associate Professor.....	A	9 250
32. Edward L. Deam, Assistant Professor.....	B	7 750
33. Raymond DiPasquale, Assistant Professor.....	B	7 000
34. Theodore E. Kurz, Assistant Professor.....	B	7 000
35. Bruno Leon, Assistant Professor.....	B	7 500
36. Walter H. Lewis, Assistant Professor.....	B	7 550
37. Carl R. Nelson, Jr., Assistant Professor.....	B	6 150
38. William J. O'Connell, Assistant Professor.....	B	8 000
39. Donald E. Sporleder, Assistant Professor.....	B	7 000
40. Jack H. Swing, Assistant Professor.....	B	8 500
41. James B. Wallace, Assistant Professor of Architectural Drawing.....	B	7 300
42. Harold C. Young, Assistant Professor.....	B	8 000
43. ———, Assistant Professor.....	B	7 000
44. David A. Dobereiner, Instructor.....	D	5 650
45. ———, Instructor	D	6 200
46. ———, Instructor	D	6 500
47. 6.00 Full Time Equivalent Assistants.....	E	21 000
Nonacademic Salaries		11 520
Total, Salaries		(397 320)
Wages.....		800
Expense.....		7 700
Equipment.....		2 500
Total, Wages, Expense, and Equipment.....		(11 000)
Total, Architecture		\$408 320

Art

Account Number 00-24-10-100

1. James R. Shipley, Professor and Head of Department..	A	\$ 14 500
2. LaForce Bailey, Professor.....	A	.....
(On disability leave without pay)		

3. C. E. Bradbury, Professor, <i>Emeritus</i>	R	.....
4. Nicholas Britsky, Professor.....	A	9 200
5. Lee R. Chesney, Professor.....	A	9 000
6. Charles A. Dietemann, Professor.....	A	10 000
7. C. V. Donovan, Professor.....	ZA50	6 500
(Total Salary)		(13 000)
8. W. F. Doolittle, Professor.....	A	11 300
9. James D. Hogan, Professor.....	A	10 500
10. J. William Kennedy, Professor.....	A	9 700
11. Edwin C. Rae, Professor.....	A	9 600
12. Frank J. Roos, Jr., Professor.....	A	10 500
13. Harold A. Schultz, Professor.....	ZA50	5 550
(Total Salary)		(11 100)
14. Allen S. Weller, Professor.....	ZAY	.....
15. Louise M. Woodroffe, Professor.....	A	9 600
16. _____, Visiting Professor.....	ZE	9 500
17. Edward H. Betts, Associate Professor.....	A	7 500
18. Glenn R. Bradshaw, Associate Professor.....	A	8 400
19. Carleton W. Briggs, Associate Professor.....	A	8 400
20. R. E. Hult, Associate Professor.....	A	8 200
21. Marvin B. Martin, Associate Professor.....	A	8 500
22. Raymond Perlman, Associate Professor.....	A	8 500
23. John Raushenberger, Associate Professor.....	A	7 500
24. Mark Sprague, Associate Professor.....	A	8 000
25. Edward J. Zagorski, Associate Professor.....	A	8 500
26. Nicola Zirolì, Associate Professor.....	A	8 000
27. George N. Foster, Assistant Professor.....	B	7 400
28. Donald E. Frith, Assistant Professor.....	B	6 900
29. Billy M. Jackson, Assistant Professor.....	B	6 000
30. James H. G. Lynch, Assistant Professor.....	B	6 900
31. Dwight C. Miller, Assistant Professor.....	B	6 100
32. Charles W. Sanders, Assistant Professor.....	B	7 700
33. Robert A. von Neumann, Assistant Professor.....	B	7 300
34. _____, Assistant Professor.....	B	6 000
35. _____, Assistant Professor.....	B	6 000
36. Philip W. Bornarth, Instructor.....	D	5 000
37. Ernest F. De Soto, Instructor.....	D	5 200
38. Frank Gallo, Instructor.....	D	5 200
39. Carl R. Heldt, Instructor.....	D	6 500
40. Arthur M. Levine, Instructor.....	D	5 000
41. Norman T. McFarland, Instructor.....	D	6 700
42. Leonard H. Price, Instructor.....	D	6 400
43. Donald C. Robertson, Instructor.....	D	5 400
44. George David Shaner, Instructor.....	D	5 200
45. _____, Instructor.....	D	6 200
46. _____, Instructor.....	D	5 000
47. _____, Instructor.....	D	5 900
48. _____, Instructor.....	D	5 500
49. 6.00 Full Time Equivalent Assistants.....	E	22 500
Nonacademic Salaries		13 080
Total, Salaries		(376 030)
Wages.....		8 000
Expense.....		10 000
Equipment.....		3 200
Total, Wages, Expense, and Equipment.....		(21 200)
Total, Art		\$397 230

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	\$ 14 000
2. Harland Bartholomew, Professor, <i>Emeritus</i>	R	.....

3. Karl B. Lohmann, Professor of City and Regional Planning, <i>Emeritus</i>	R	.....
4. Florence B. Robinson, Professor, <i>Emerita</i>	R	.....
5. O. G. Schaffer, Professor, <i>Emeritus</i>	R	.....
6. Stanley White, Professor, <i>Emeritus</i>	R	.....
7. ———, Visiting Professor	DI5	2 050
8. ———, Professor of Landscape Architecture....	A	11 000
9. C. Gregory Bassett, Associate Professor of City and Regional Planning	A	7 700
10. William I. Goodman, Associate Professor of City Planning	A	9 600
11. Walter M. Keith, Associate Professor of Landscape Architecture	A	9 600
12. Philip H. Lewis, Jr., Associate Professor of Landscape Architecture.	ZAY85	7 800
(Total Salary)		(9 500)
13. I. L. Peterson, Associate Professor of Landscape Architecture	A40	3 400
14. ———, Associate Professor of City Planning....	A	8 000
15. Thomas C. Hazlett, Instructor in Landscape Architecture	D	6 600
16. Alan G. Winslow, Instructor in Landscape Architecture	D	6 600
17. 0.75 Full Time Equivalent Assistants.....	E	2 800
Nonacademic Salaries		3 480
<i>Total, Salaries</i>		(92 630)
Wages.....		200
Expense.....		2 500
Equipment.....		1 100
<i>Total, Wages, Expense, and Equipment</i>		(3 800)
<i>Total, City Planning and Landscape Architecture</i>		\$ 96 430

Bureau of Community Planning

Account Number 00-24-16-400

1. Louis B. Wetmore, Director.....	ZA	.....
2. Victor A. Hyde, Professor of Community Planning...	AY	\$ 10 600
3. Joseph M. Heikoff, Associate Professor of Regional Planning.....	AY	12 300
4. Philip H. Lewis, Jr., Associate Professor of Landscape Architecture.....	ZAY15	1 700
5. Jerome Kaufman, Assistant Professor of Community Planning.....	BY	7 850
6. George T. Marcou, Assistant Professor of Community Planning.....	BY	9 000
7. ———, Assistant Professor of Community Planning.....	DY	(7 000)
8. ———, Instructor in Community Planning.....	DY	6 000
9. 1.25 Full Time Equivalent Assistants.....	E	4 625
10. .25 Full Time Equivalent Assistants.....	E	(925)
Nonacademic Salaries		9 510
<i>Total, Salaries</i>		(61 585)
Wages.....		500
Expense.....		5 275
Expense, Nonrecurring		(575)
<i>Total, Wages, Expense, and Equipment</i>		(5 775)
<i>Total, Bureau of Community Planning</i>		\$ 67 360

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 Engineering.....	ZD50	\$ 3 000
(Total Salary)		(6 000)

School of Music

Account Number 00-24-25-100

1. Duane A. Branigan, Director.....	BY}	
Professor.....	AY}	\$ 17 500
2. Andrew Morris Carter, Assistant to Director.....	ZA25	1 970
Associate Professor	ZA75	7 230
(Total Salary)		(9 200)
3. Bjornar Bergethon, Professor.....	A	11 100
(On leave with pay second semester 1959-60)		
4. Dorothy E. Bowen, Professor.....	A	9 150
5. Harold A. Decker, Professor.....	A	10 800
6. Stanley Fletcher, Professor.....	A	10 800
7. Bruce R. Foote, Professor.....	A	11 200
(On leave with pay second semester 1959-60)		
8. John C. Garvey, Professor.....	A60}	
Artist in Residence.....	D40}	9 200
(On leave with pay second semester 1959-60)		
9. Scott Goldthwaite, Professor.....	A	10 400
10. Bernard M. Goodman, Professor.....	A60}	
Artist in Residence.....	D40}	10 000
(On leave with pay second semester 1959-60)		
11. Mark H. Hindsley, Professor.....	ZA33	4 030
(Total Salary)		(13 900)
12. Hubert Kessler, Professor.....	A	11 000
13. John M. Kuypers, Professor.....	A	10 000
(On leave without pay two years from September 1, 1959)		
14. Charles Leonhard, Professor.....	A	11 400
15. R. H. Miles, Professor.....	A	11 100
16. Paul S. Pettinga, Professor.....	ZA75	7 350
(Total Salary)		(9 800)
17. Burrill Phillips, Professor.....	A	11 000
18. Dragan Plamenac, Professor.....	A	11 400
19. Paul Rolland, Professor.....	A	10 400
20. W. L. Roosa, Professor, <i>Emeritus</i>	R	.....
21. Homer C. Schmitt, Professor.....	A60}	
Artist in Residence.....	D40}	9 000
(On leave with pay second semester 1959-60)		
22. Sherman Schoonmaker, Professor.....	A	10 700
23. G. F. Schwartz, Professor, <i>Emeritus</i>	RA	.....
24. Haskell O. Sexton, Professor.....	ZA75	6 750
(Total Salary)		(9 000)
25. Soulima Stravinsky, Professor.....	A	11 000
26. Robert H. Swenson, Professor.....	A60}	
Artist in Residence.....	D40}	9 000
(On leave with pay second semester 1959-60)		
27. Edith M. Usry, Professor, <i>Emerita</i>	R	.....
28. Gilbert R. Waller, Professor.....	ZA50	4 600
(Total Salary)		(9 200)
29. Jane C. Watt, Professor.....	A	9 500
30. Velma K. Wilson, Professor.....	ZA67	6 220
(Total Salary)		(9 300)
31. Ludwig Zirner, Professor.....	A	9 600
32. Gordon W. Binkerd, Associate Professor.....	A	8 700
(On leave with one-half pay first semester 1959-60, and without pay second semester 1959-60)		
33. Guy M. Duker, Associate Professor.....	ZA33	2 600
(Total Salary)		(9 000)
34. Beth B. Eisner, Associate Professor, <i>Emerita</i>	R	.....
35. LeRoy Hamp, Associate Professor.....	A	7 600
36. George H. Hunter, Associate Professor.....	A	8 200
37. King Kellogg, Associate Professor.....	A	7 700
38. J. Robert Kelly, Associate Professor.....	A	8 500

39. Colleen J. Kirk, Associate Professor.....	ZA33	2 600
(Total Salary)		(7 800)
40. Everett D. Kisinger, Associate Professor.....	ZA33	3 010
(Total Salary)		(9 000)
41. A. J. McDowell, Associate Professor.....	ZA75	6 000
(Total Salary)		(8 000)
42. John Paul Painter, Associate Professor.....	ZAY	.....
43. W. George Reeves, Associate Professor.....	A	8 300
44. Claire L. Richards, Associate Professor.....	A	8 000
45. Alexander L. Ringer, Associate Professor.....	A	9 000
46. Grace E. Wilson, Associate Professor.....	A	8 000
47. James Louis Bailey, Assistant Professor.....	B	6 700
48. Dorothy E. Clark, Assistant Professor.....	B	6 600
49. Willis R. Coggins, Assistant Professor.....	B	6 500
50. Charles O. DeLaney, Assistant Professor.....	B	6 900
51. Peter S. Farrell, Assistant Professor.....	B	7 100
52. Robert E. Gray, Assistant Professor.....	B	6 800
53. Lejaren A. Hiller, Jr., Assistant Professor.....	ZB50	3 500
(Total Salary)		(7 300)
54. Thomas L. Holden, Assistant Professor.....	B	7 100
55. Ben B. Johnston, Jr., Assistant Professor.....	ZB67	4 470
(Total Salary)		(6 700)
(On leave with one-half pay 1959-60)		
56. C. J. Kleinsteinuber, Assistant Professor.....	B	6 800
57. Edward J. Krolick, Assistant Professor.....	B	6 300
58. David A. Ledet, Assistant Professor.....	B	6 100
59. William H. Miller, Assistant Professor.....	B	7 500
60. Carolyn Powell, Assistant Professor.....	B	6 800
61. Thomas S. Richardson, Assistant Professor.....	ZBY	.....
62. Dean W. Sanders, Assistant Professor.....	B	6 300
63. Raymond E. Williams, Assistant Professor.....	ZB33	2 275
(Total Salary)		(6 850)
64. Kathryn J. Sutherland, Associate, <i>Emerita</i>	R	.....
65. Edward S. Berry, Jr., Instructor.....	D	6 000
66. L. Thomas Fredrickson, Instructor.....	D	6 500
67. Kenneth L. Gaburo, Instructor.....	D	6 400
68. George R. Mathis, Instructor.....	D	5 900
69. Jack H. McKenzie, Instructor.....	ZD75	4 960
(Total Salary)		(6 600)
70. Stella Percival, Instructor, <i>Emerita</i>	R	.....
71. Martin Picker, Instructor.....	D	5 550
72. Robert B. Smith, Instructor.....	ZD50	3 000
(Total Salary)		(6 000)
73. _____, Instructor	D	5 700
74. _____, Instructor	D	6 200
75. James L. Campbell, Assistant.....	E	3 600
76. 10.25 Full Time Equivalent Assistants.....	E	37 600
Nonacademic Salaries		44 710
Total, Salaries		(595 475)
Wages.....		4 000
Expense.....		26 000
Equipment.....		20 000
Total, Wages, Expense, and Equipment.....		(50 000)
Total, School of Music.....		\$645 475

Music Revolving

Account Number 12-24-25-170

Expense.....	\$ 2 000
Total, Music Revolving.....	\$ 2 000

Music Records Revolving

Account Number 12-24-25-172

Expense.....	\$ 200
Total, Music Records Revolving.....	\$ 200

School of Music Scholarships

Account Number 00-24-26-880

Expense, Orchestra	\$ 5 000
<i>Total, School of Music Scholarships.....</i>	<i>\$ 5 000</i>

University of Illinois Bands

Account Number 00-24-35-100

1. Mark H. Hindsley, Director.....	ZBY67	\$ 9 870
(Total Salary)		(13 900)
2. Haskell O. Sexton, Professor.....	ZA25	2 250
(Total Salary)		(9 000)
3. Guy M. Duker, Assistant to Director.....	ZBY67	6 400
(Total Salary)		(9 000)
4. Everett D. Kisinger, Assistant Director.....	ZB67	5 990
(Total Salary)		(9 000)
5. A. J. McDowell, Associate Professor.....	ZA25	2 000
(Total Salary)		(8 000)
6. Jack H. McKenzie, Instructor.....	ZD25	1 640
(Total Salary)		(6 600)
7. 0.25 Full Time Equivalent Assistants.....	E	900
Nonacademic Salaries		8 460
<i>Total, Salaries</i>		<i>(37 510)</i>
Wages.....		3 500
Expense.....		9 300
Equipment.....		5 500
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(18 300)</i>
<i>Total, University of Illinois Bands.....</i>		<i>\$ 55 810</i>

University of Illinois Bands Revolving

Account Number 12-24-35-170

Expense.....	\$ 15 000
<i>Total, University of Illinois Bands Revolving.....</i>	<i>\$ 15 000</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

Account Number 00-24-50-300

1. Rudard A. Jones, Director.....	ZBY	\$ 14 000
2. William H. Kapple, Research Associate Professor of Architecture.....	ZAY	9 150
3. Mary S. Ziegler, Editor with rank of Assistant Professor.....	BY	7 350
4. _____, Research Associate Professor.....	BY	9 300
5. Donald H. Percival, Research Assistant Professor of Forestry.....	ZDY	7 350
Nonacademic Salaries		19 200
<i>Total, Salaries</i>		<i>(66 350)</i>
Wages.....		1 400
Expense.....		5 500
Equipment.....		1 000
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(7 900)</i>
<i>Total, Small Homes Council.....</i>		<i>\$ 74 250</i>

Small Homes Council Publications Revolving

Account Number 12-24-50-466

Nonacademic Salaries	\$ 3 120
<i>Total, Salaries</i>	<i>(3 120)</i>
Wages.....	3 000

Expense.....	25 950
Equipment.....	500
<i>Total, Wages, Expense, and Equipment.....</i>	<u>(29 450)</u>
<i>Total, Small Homes Council Publications Revolving..</i>	\$ 32 570

Krannert Art Museum

Account Number 00-24-80-100		
1. C. V. Donovan, Director.....	ZA50	\$ 6 500
(Total Salary).....		(13 000)
2. _____, Assistant Director.....	DY	7 000
3. .50 Full Time Equivalent Assistants.....	E	1 800
Nonacademic Salaries.....		7 800
<i>Total, Salaries.....</i>		<u>(23 100)</u>
Expense and Equipment.....		2 600
<i>Total, Krannert Art Museum.....</i>		\$ 25 700

GRADUATE COLLEGE**General**

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Administration.....	\$ 84 750	\$16 050	\$100 800
Center for Advanced Study.....	31 840	.....	31 840
<i>Total, Instruction.....</i>	<u>(116 590)</u>	<u>(16 050)</u>	<u>(132 640)</u>
<i>Organized Research</i>			
Special Fund.....	43 740	.....	43 740
Research.....	72 000	74 000	146 000
Digital Computer Laboratory.....	169 910	112 350	282 260
Illinois Historical Survey.....	7 200	1 100	8 300
Natural Areas and Uncultivated Lands.....	4 698	850	5 548
Physical Environment Unit.....	7 224	4 250	11 474
Radiocarbon Laboratory.....	23 130	16 800	39 930
General Publications.....	.....	49 500	49 500
<i>Total, Organized Research.....</i>	<u>(327 902)</u>	<u>(258 850)</u>	<u>(586 752)</u>
<i>Student Aid</i>			
Fellowships.....	.....	262 500	262 500
<i>Total, General.....</i>	<u>\$444 492</u>	<u>\$537 400</u>	<u>\$981 892</u>

Restricted

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Thesis and Microfilm Revolving.....	.....	\$ 8 000	\$ 8 000
<i>Organized Research</i>			
Estimated Indirect Costs.....	\$100 000	215 000	315 000
Estimated Private Gifts.....	20 000	20 000	40 000
Estimated U.S. Contracts.....	220 000	250 000	470 000
<i>Total, Organized Research.....</i>	<u>(340 000)</u>	<u>(485 000)</u>	<u>(825 000)</u>
<i>Total, Restricted.....</i>	<u>\$340 000</u>	<u>\$493 000</u>	<u>\$833 000</u>

Administration

Account Number 00-26-01-100		
1. F. T. Wall, Dean.....	ZBY80	\$ 17 600
(Total Salary).....		(22 000)
2. R. D. Carmichael, Dean, <i>Emeritus</i>	ZR	.....
3. J. Austin Ranney, Associate Dean.....	ZBY59	7 300
(Total Salary).....		(11 800)
(Includes full time in summer)		
4. Robert M. Sutton, Associate Dean.....	ZBY73	8 600
(Total Salary).....		(11 600)
(Includes full time in summer)		
5. Helen M. Hay, Assistant to Dean.....	DY	8 700

Nonacademic Salaries	42 550
<i>Total, Salaries</i>	(84 750)
Wages.....	950
Expense.....	10 500
Contingent.....	3 000
Equipment.....	1 000
Convention Travel	600
<i>Total, Wages, Expense, and Equipment</i>	(16 050)
<i>Total, Administration</i>	\$100 800

Thesis and Microfilm Revolving

Account Number 12-26-01-132	
Expense.....	\$ 8 000
<i>Total, Thesis and Microfilm Revolving</i>	\$ 8 000

Radiation Hazards Workmen's Compensation

Account Number 44-26-01-316	
1. Jerome J. Steerman, University Health Physicist with rank of Instructor.....	DY \$ 8 700
2. Paul R. Hesselmann, Assistant Health Physicist.....	DY 6 800
3. 1.00 Full Time Equivalent Assistants.....	DY 4 800
Expense.....	5 000
<i>Total, Radiation Hazards Workmen's Compensation</i> ..	\$ 25 300

Cooperative Investigations

U.S. NATIONAL SCIENCE FOUNDATION — GRADUATE RESEARCH —
ELECTRON MICROSCOPE LABORATORY

Account Number 46-26-01-356	
1. Rubin Borasky, Electron Micrographer.....	DY \$ 9 000

Special Fund

Account Number 00-26-05-300	
1. Dallas W. Smythe, Research Professor of Communications.....	ZA50 \$ 6 000
(Total Salary)	(12 000)
(On leave with pay first semester 1959-60)	
2. ———, Visiting Associate Professor of Animal Nutrition.....	D 7 500
3. Morio Obata, Research Associate in Mathematics.....	D 5 500
4. Ranajit Sen Gupta, Research Associate in Chemistry...	DY 6 000
5. ———, Research Associate.....	D 4 600
6. 1.50 Full Time Equivalent Assistants.....	E 7 660
Nonacademic Salaries	6 480
<i>Total, Special Fund</i>	\$ 43 740

Indirect Costs — Special Graduate Fund

Account Number 41-26-05-300	
1. Lejaren A. Hiller, Jr., Assistant Professor of Music..	ZB50 \$ 3 800
(Total Salary)	(7 300)
2. Donald M. Ginsberg, Research Associate in Physics...	ZDY82 6 136
(Total Salary)	(7 500)
<i>Total, Indirect Costs — Special Graduate Fund</i>	\$ 9 936

Research

Account Number 00-26-10-390	
1. 20.00 Full Time Equivalent Assistants.....	G \$ 72 000
Wages, Unassigned	38 000
Expense, Unassigned	20 000
Equipment, Unassigned	16 000
<i>Total, Research</i>	\$146 000

Digital Computer Laboratory

Account Number 00-26-15-300

1. R. E. Meagher, Head.....	ZA	\$ 16 500
(On leave without pay one year from April 1, 1960)		
2. James E. Robertson, Research Professor of Electrical Engineering.....	ZA	13 300
3. James N. Snyder, Research Professor of Physics.....	ZA	11 500
4. A. H. Taub, Research Professor of Applied Mathematics.....	ZA	20 000
5. Donald B. Gillies, Research Associate Professor of Applied Mathematics.....	ZAY	10 000
6. David E. Muller, Research Associate Professor of Applied Mathematics.....	ZA	12 000
7. Wolfgang Poppelbaum, Research Associate Professor of Electrical Engineering.....	ZAY	10 400
8. Lloyd D. Fosdick, Research Assistant Professor of Physics.....	ZB	7 500
9. Gernot A. Metze, Research Assistant Professor.....	BY	7 800
10. _____, Research Assistant Professor.....	BY	7 500
11. Kern W. Dickman, Research Assistant.....	DY	7 000
12. 1.50 Full Time Equivalent Assistants.....	E	5 700
13. 1.00 Full Time Equivalent Assistants.....	DY	4 800
Nonacademic Salaries.....		35 910
Total, Salaries.....		(169 910)
Wages.....		20 350
Equipment.....		15 000
Expense.....		77 000
Total, Wages, Expense, and Equipment.....		(112 350)
Total, Digital Computer Laboratory.....		\$282 260

Indirect Costs — Digital Computer 650 Rental

Account Number 40-26-15-315

Expense.....	\$ 15 000
Total, Indirect Costs — Digital Computer 650 Rental.....	\$ 15 000

Center for Advanced Study

Account Number 00-26-20-100

1. John Bardeen, Professor of Electrical Engineering and Physics.....		\$ 1 080
(Total Salary).....		(20 000)
2. J. L. Doob, Professor of Mathematics.....		2 500
(Total Salary).....		(19 000)
3. R. C. Fuson, Professor of Organic Chemistry.....		2 760
(Total Salary).....		(17 500)
4. Julian H. Steward, Research Professor of Anthropology.....		2 700
(Total Salary).....		(17 000)
5. Richard E. Downs, Research Associate in Anthropology.....	D	6 000
6. Frederic K. Lehman, Research Associate in Anthropology.....	D	5 600
7. Salaries Unassigned.....		11 200
Total, Center for Advanced Study.....		\$ 31 840

Illinois Historical Survey

Account Number 00-26-25-300

1. Marguerite J. Pease, Director, with rank of Assistant Professor.....	D50	\$ 3 600
2. 1.00 Full Time Equivalent Assistants.....	E	3 600
Total, Salaries.....		(7 200)
Wages.....		400
Expense.....		500
Equipment.....		200
Total, Wages, Expense, and Equipment.....		(1 100)
Total, Illinois Historical Survey.....		\$ 8 300

Natural Areas and Uncultivated Land

Account Number 00-26-33-300

Nonacademic Salaries	\$ 4 698
Expense.....	850
<i>Total, Natural Areas and Uncultivated Land.....</i>	<i>\$ 5 548</i>

Physical Environment Unit

Account Number 00-26-35-300

1. M. K. Fahnestock, Chairman.....	ZDY	.....
Nonacademic Salaries		\$ 7 224
<i>Total, Salaries</i>		<i>(7 224)</i>
Expense.....		2 250
Equipment.....		2 000
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(4 250)</i>
<i>Total, Physical Environment Unit.....</i>		<i>\$ 11 474</i>

Radiocarbon Laboratory

Account Number 00-26-40-300

1. Robert F. Nystrom, Associate Professor of Chemistry	AY	\$ 10 800
2. George Wolf, Associate Professor of Animal Nutrition	ZAY	9 150
3. 0.50 Full Time Equivalent Assistants.....	E	1 800
Nonacademic Salaries		1 380
<i>Total, Salaries</i>		<i>(23 130)</i>
Wages.....		1 300
Expense.....		12 500
Equipment.....		3 000
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(16 800)</i>
<i>Total, Radiocarbon Laboratory.....</i>		<i>\$ 39 930</i>

General Publications

Account Number 00-26-50-332

Expense, Illinois Studies.....	\$ 12 500
Expense, Journal of English and Germanic Philology.....	4 000
Expense, General Publications.....	3 000
Expense, Scholarly Publications.....	30 000
<i>Total, General Publications.....</i>	<i>\$ 49 500</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. PUBLIC HEALTH SERVICE E1231

Account Number 46-26-82-364

1. Mary E. Mann, Research Assistant in Economic Entomology.....	DY	\$ 4 700
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U.S. PUBLIC HEALTH SERVICE E593

Account Number 46-26-82-366

1. Louise D. Zingrone, Research Assistant in Economic Entomology.....	DY	\$ 4 700
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U.S. PUBLIC HEALTH SERVICE E1349

Account Number 46-26-82-368

1. Thomas R. B. Barr, Instructor in Veterinary Pathology and Hygiene	DY75	\$ 4 470
2. Bobbie J. Verts, Field Mammalogist, Wildlife Research	DY	5 480
3. Erwin W. Pearson, Research Assistant.....	DY	5 500
<i>Total, U.S. Public Health Service E1349.....</i>		<i>\$ 15 450</i>

State Water Survey

Cooperative Investigations

U.S. AIR FORCE 4940

Account Number 46-26-84-306

1. Kenneth E. Wilk, Research Assistant.....	FY	\$ 7 200
(Effective July 1, 1959)		

U.S. NATIONAL SCIENCE FOUNDATION G6352

Account Number 46-26-84-356

1. James W. Bullock, Research Associate.....	FY	\$ 7 500
(Effective July 1, 1959)		

U.S. ARMY SIGNAL CORPS 75055

Account Number 46-26-84-312

1. Eugene A. Mueller, Research Associate.....	FY	\$ 9 300
(Effective July 1, 1959)		
2. Miyuki Fujiwara, Research Assistant.....	FY	5 200
(Effective July 1, 1959)		

Total, U.S. Army Signal Corps 75055.....		\$ 14 500
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COLLEGE OF JOURNALISM AND COMMUNICATIONS

General

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Administration.....	\$ 39 225	\$ 18 350	\$ 57 575
Advertising.....	46 450	.....	46 450
Journalism.....	84 575	.....	84 575
Radio and Television.....	32 115	.....	32 115
Total, Instruction.....	(202 365)	(18 350)	(220 715)
<i>Organized Research</i>			
Institute of Communications Research.....	58 380	3 100	61 480
<i>Extension and Public Services</i>			
Broadcasting			
Administration.....	12 390	1 000	13 390
Radio Station.....	104 677	45 200	149 877
Television-Motion Pictures.....	93 734	56 600	150 334
Total, Extension and Public Services....	(210 801)	(102 800)	(313 601)
Total, General.....	\$471 546	\$124 250	\$595 796

Restricted

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Estimated Private Gifts.....	\$4 000	\$4 000
<i>Organized Research</i>			
Estimated Private Gifts.....	3 000	3 000
Total, Restricted.....	\$7 000	\$7 000

Administration

Account Number 00-28-01-100

1. Theodore B. Peterson, Dean.....	ZBY	\$ 14 500
2. John H. Schacht, Assistant to Dean.....	ZBY75	6 525
(Total Salary).....		(8 700)
3. 1.00 Full Time Equivalent Assistants.....	E	3 800
Nonacademic Salaries.....		14 400
Total, Salaries.....		(39 225)
Wages.....		900
Expense.....		11 500
Contingent.....		3 000
Convention Travel.....		1 000

Nonrecurring Unassigned	(1 000)
Equipment.....	1 950
<i>Total, Wages, Expense, and Equipment.....</i>	<u>(18 350)</u>
<i>Total, Administration</i>	\$ 57 575

Advertising

Account Number 00-28-03-100

1. C. H. Sandage, Professor of Advertising and Head of Department.....	A	\$ 14 100
2. Leslie W. McClure, Professor.....	A	9 700
(On leave with pay second semester 1959-60)		
3. James E. Moyer, Associate Professor.....	A	9 000
4. Hugh W. Sargent, Assistant Professor.....	B	7 900
5. Robert D. Watters, Instructor.....	D50	2 600
6. Vincent P. Norris, Assistant.....	ZE75	3 150
(Total Salary)		<u>(4 200)</u>
<i>Total, Advertising</i>		\$ 46 450

Cooperative Investigations

JAMES WEBB YOUNG ADVERTISING

Account Number 44-28-03-192

1. Vincent P. Norris, Assistant.....	ZE25	\$ 1 050
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Journalism

Account Number 00-28-10-100

1. Jay W. Jensen, Associate Professor and Head of Department.....	A	\$ 10 000
2. R. R. Barlow, Professor.....	A	9 700
3. L. W. Murphy, Professor.....	A	10 000
(On leave with pay first semester 1959-60)		
4. Theodore B. Peterson, Professor.....	ZA	.....
5. Donald E. Brown, Associate Professor.....	A	9 200
6. George Gerbner, Associate Professor.....	ZAY50	4 700
(Total Salary)		<u>(9 400)</u>
7. Josef F. Wright, Associate Professor, <i>Emeritus</i>	ZR	.....
8. Owen F. Glissendorf, Assistant Professor.....	ZBY	.....
9. Joe C. Sutton, Associate Professor.....	A	8 600
10. Glenn Hanson, Assistant Professor.....	B	7 950
11. Richard L. Hildwein, Assistant Professor.....	B	7 500
12. John H. Schacht, Assistant Professor.....	ZBY25	2 175
(Total Salary)		<u>(8 700)</u>
13. Arthur E. Strang, Assistant Professor.....	B50	4 000
14. _____, Research Assistant Professor.....	B25	1 950
15. William W. Alfeld, Instructor.....	D75	3 600
16. Donald L. Smith, Instructor.....	D	5 200
<i>Total, Journalism</i>		\$ 84 575

Radio and Television

Account Number 00-28-15-100

1. Hubert V. Cordier, Associate Professor and Head of Department.....	A	\$ 9 300
2. F. E. Schooley, Associate Professor.....	ZAY20	2 760
(Total Salary)		<u>(13 800)</u>
3. Richard L. Rider, Assistant Professor.....	ZBY40	4 320
(Total Salary)		<u>(10 800)</u>
4. John E. Cramer, Instructor.....	ZD50	3 465
(Total Salary)		<u>(7 700)</u>
5. Richard G. Lawson, Instructor.....	DY15	940
(Total Salary)		<u>(7 360)</u>
(Also nonacademic)		
6. Henry W. Lippold, Jr., Instructor.....	ZDY50	3 600
(Total Salary)		<u>(7 200)</u>

7. John A. Regnell, Instructor.....	D25	1 730
(Total Salary)		(7 690)
(Also nonacademic)		
8. _____, Instructor	D75	3 700
9. Harry J. Skornia, Lecturer.....	DY15	2 300
<i>Total, Radio and Television</i>		\$ 32 115

Institute of Communications Research

Account Number 00-28-20-300

1. Charles E. Osgood, Director.....	ZDY73 } \$ 10 920
Research Professor	AY } (15 000)
(Total Salary)	
2. Dallas W. Smythe, Research Professor.....	ZA50 6 000
(Total Salary)	(12 000)
(On leave with pay first semester 1959-60)	
3. George Gerbner, Research Associate Professor.....	ZAY50 4 700
(Total Salary)	(9 400)
4. William J. McGuire, Research Associate Professor....	ZA30 2 340
(Total Salary)	(7 800)
5. Bennett M. Berger, Research Assistant Professor.....	ZB75 5 140
(Total Salary)	(6 850)
6. Howard S. Maclay, Research Assistant Professor.....	BY 8 800
7. Mary D. Sleator, Research Assistant Professor.....	ZB33 2 030
(Total Salary)	(6 100)
8. _____, Research Assistant Professor.....	D67 4 000
9. _____, Research Assistant Professor.....	B75 5 850
10. 1.50 Full Time Equivalent Assistants.....	E 5 600
Nonacademic Salaries	3 000
<i>Total, Salaries</i>	(58 380)
Wages.....	600
Expense.....	2 300
Equipment.....	200
<i>Total, Wages, Expense, and Equipment</i>	(3 100)
<i>Total, Institute of Communications Research</i>	\$ 61 480

Broadcasting

Administration

Account Number 00-28-21-400

1. F. E. Schooley, Director of Broadcasting and Manager of Radio and Television Stations.....	ZBY80 \$ 11 040
(Total Salary)	(13 800)
Nonacademic Salaries	1 350
<i>Total, Salaries</i>	(12 390)
Expense.....	1 000
<i>Total, Administration</i>	\$ 13 390

Radio Station

Account Number 00-28-25-400

1. John E. Cramer, News Supervisor.....	ZDY50 \$ 4 235
(Total Salary)	(7 700)
Nonacademic Salaries	100 442
<i>Total, Salaries</i>	(104 677)
Wages.....	6 000
Expense, General	34 200
Equipment.....	5 000
<i>Total, Wages, Expense, and Equipment</i>	(45 200)
<i>Total, Radio Station</i>	\$149 877

Television-Motion Pictures

Account Number 00-28-28-400

1. Richard L. Rider, Assistant Manager of Television Sta- tion and Supervisor of Television-Motion Pictures....	ZBY60 \$ 6 480
(Total Salary)	(10 800)

2. Lewis V. Peterson, Producer-Supervisor of Television-Motion Pictures	DY	9 350
3. Henry W. Lippold, Jr., Supervisor of Television News..	ZDY50	3 600
(Total Salary)		(7 200)
4. _____, Producer of Television Station.....	DY25	1 650
Nonacademic Salaries		72 654
Total, Salaries		(93 734)
Wages.....		12 000
Expense.....		42 100
Equipment.....		2 500
Total, Wages, Expense, and Equipment.....		(56 600)
Total, Television-Motion Pictures.....		\$150 334

Television Film Service

Account Number 09-28-28-982

1. _____, Producer of Television Station.....	DY25	\$ 1 350
Total, Television Film Service.....		\$ 1 350

COLLEGE OF LAW

	General	Wages, Ex- pense, and Equipment	Total
<i>Instruction</i>			
College of Law.....	\$272 510	\$23 000	\$295 510
<i>Student Aid</i>			
Scholarships.....		4 600	4 600
Total, General.....	\$272 510	\$27 600	\$300 110

Law

Account Number 00-30-10-100

1. Russell N. Sullivan, Dean.....	BY}	\$ 21 500
Professor.....	AY}	
2. Albert J. Harno, Dean and Professor, <i>Emeritus</i>	R	.....
3. Ralph C. Barnhart, Professor.....	G	(8 000)
(Semester II)		
(Paid from item 7)		
4. C. H. Bowman, Professor.....	A	12 700
5. William E. Britton, Professor, <i>Emeritus</i>	R	.....
6. Kenneth S. Carlston, Professor.....	A	13 800
(On leave with pay second semester 1959-60)		
7. Edward W. Cleary, Professor.....	A	18 600
(On leave without pay 1959-60)		
8. Rubin G. Cohn, Professor.....	A	16 000
(Includes service to University Retirement System)		
9. John E. Cribbet, Professor.....	A	16 400
10. Wylie H. Davis, Professor.....	A	14 100
11. R. W. Fleming, Professor.....	A	15 900
12. George T. Frampton, Professor.....	A	13 300
(On leave without pay 1959-60)		
13. George B. Fraser, Professor.....	G	(7 000)
(Semester I)		
(Paid from item 7)		
14. George W. Goble, Professor, <i>Emeritus</i>	R	.....
15. Harold W. Holt, Professor.....	A	14 100
16. Ralph F. Lesemann, Professor.....	ZAY	.....
17. M. I. Schnebly, Professor, <i>Emeritus</i>	R	.....
18. Eugene F. Scoles, Professor.....	A	14 400
19. Richard B. Stephens, Professor.....	D	(15 000)
(Paid from items 7 and 12)		
20. Victor J. Stone, Professor.....	A	11 300
21. Walter L. Summers, Professor, <i>Emeritus</i>	R	.....
22. J. G. Thomas, Professor.....	A33	3 500

23. William D. Warren, Professor.....	A	13 300
24. George B. Weisiger, Professor, <i>Emeritus</i>	R	.....
25. J. Nelson Young, Professor.....	A	16 400
26. Robert B. Looper, Associate Professor.....	A	10 100
27. Paul O. Proehl, Associate Professor.....	A	10 000
28. Margaret J. Scranton, Assistant Editor with rank of Assistant.....	DY	4 800
29. 2.25 Full Time Equivalent Assistants.....	E	10 770
Nonacademic Salaries		21 540
<i>Total, Salaries</i>		(272 510)
Wages.....		1 000
Expense.....		20 300
Convention Travel		1 000
Equipment.....		700
<i>Total, Wages, Expense, and Equipment</i>		(23 000)
<i>Total, Law</i>		\$295 510

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

COLLEGE OF LIBERAL ARTS AND SCIENCES

	General	Wages, Ex- pense, and Equipment	Total
<i>Instruction</i>	<i>Salaries</i>		
Administration.....	\$107 035	\$39 500	\$146 535
Contingent.....	.....	20 000	20 000
Division of Biological Sciences.....	11 640	1 100	12 740
Anthropology.....	73 300	6 000	79 300
Astronomy.....	46 930	4 365	51 295
Botany.....	231 930	29 630	261 560
Chemistry and Chemical Engineering.....	954 825	288 940	1 243 765
Classics.....	63 100	1 100	64 200
English.....	912 970	18 600	931 570
Printing <i>Accent</i>.....	.....	1 600	1 600
Entomology.....	85 090	8 800	93 890
French.....	178 365	2 575	180 940
Division of General Studies.....	155 235	6 650	161 885
Geography.....	119 230	10 700	129 930
Geology.....	209 710	43 500	253 210
German.....	138 220	1 900	140 120
History.....	237 420	4 125	241 545
Mathematics.....	613 980	8 200	622 180
Microbiology.....	159 180	35 400	194 580
Philosophy.....	128 635	2 000	130 635
Physiology.....	180 040	37 500	217 540
Political Science.....	157 105	2 500	159 605
Psychology.....	341 685	30 400	372 085
Russian.....	45 000	1 225	46 225
Sociology.....	135 620	3 900	139 520
Spanish and Italian.....	148 220	3 600	151 820
Speech.....	351 162	12 083	363 245
Speech Laboratory.....	.....	2 700	2 700
Zoology.....	258 087	36 800	294 887
Classical Museum.....	.....	2 000	2 000
European Culture Museum.....	1 800	2 100	3 900
Natural History Museum.....	20 660	6 700	27 360
<i>Total, General</i>	\$6 066 174	\$676 193	\$6 742 367

	Restricted	Wages, Ex- pense, and Equipment	Total
<i>Instruction</i>	<i>Salaries</i>		
Speech Revolving.....	\$ 3 060	\$ 900	\$ 3 960
Estimated Endowment Income.....	10 000	500	10 500
Estimated Private Gifts.....	4 000	2 000	6 000
Estimated U.S. Contracts.....	8 000	20 000	28 000
<i>Total, Instruction</i>	<i>(25 060)</i>	<i>(23 400)</i>	<i>(48 460)</i>
<i>Organized Research</i>			
Illinois Journal of Mathematics Revolving..	.....	2 000	2 000
Estimated Indirect Costs.....	10 000	50 000	60 000
Estimated Private Gifts.....	200 000	100 000	300 000
Estimated U.S. Contracts.....	700 000	450 000	1 150 000
<i>Total, Organized Research</i>	<i>(910 000)</i>	<i>(602 000)</i>	<i>(1 512 000)</i>
<i>Total, Restricted</i>	<i>\$935 060</i>	<i>\$625 400</i>	<i>\$1 560 460</i>

Administration

Account Number 00-32-01-100		
1. Lyle H. Lanier, Dean.....	ZBY	\$ 22 000
2. Gibbon Butler, Associate Dean.....	ZBY	13 000
3. O. A. Kubitz, Assistant Dean.....	ZDY75	7 775
(Total Salary)		(10 000)
4. Jum C. Nunnally, Jr., Associate Dean.....	ZBY37	3 750
(Total Salary)		(10 000)
5. Francis J. Koenig, Assistant Dean.....	DY	10 300
6. 5.00 Full Time Equivalent Assistants.....	E	18 600
7. 0.50 Full Time Equivalent Assistants.....	DY	2 200
Nonacademic Salaries		29 410
Nonacademic Salaries, Biological Sciences.....		11 640
<i>Total, Salaries</i>		<i>(118 675)</i>
Wages.....		3 200
Expense, General		7 800
Expense, Biological Sciences.....		800
Contingent.....		20 000
Convention Travel		26 000
Nonrecurring Unassigned		(8 000)
Equipment.....		2 500
Equipment, Biological Sciences.....		300
<i>Total, Wages, Expense, and Equipment</i>		<i>(60 600)</i>
<i>Total, Administration</i>		<i>\$179 275</i>

Anthropology

Account Number 00-32-07-100		
1. _____, Professor	A}	\$ 16 000
Chairman of Department.....	B}	
2. Oscar Lewis, Professor.....	A	11 200
3. John C. McGregor, Professor.....	A	11 200
4. Julian H. Steward, Research Professor.....	ZA	14 300
(Total Salary)		(17 000)
5. _____, Associate Professor.....	A	8 000
6. Donald W. Lathrap, Instructor.....	D	6 000
7. 1.00 Full Time Equivalent Assistants.....	E	3 600
Nonacademic Salaries		3 000
<i>Total, Salaries</i>		<i>(73 300)</i>
Wages.....		500
Wages, Nonrecurring		(450)
Expense.....		5 000
Equipment.....		500
<i>Total, Wages, Expense, and Equipment</i>		<i>(6 000)</i>
<i>Total, Anthropology</i>		<i>\$ 79 300</i>

Astronomy

Account Number 00-32-10-100

1. George C. McVittie, Professor and Head of Department	A	\$ 16 200
2. R. H. Baker, Professor, <i>Emeritus</i>	R	.....
3. George W. Swenson, Jr., Research Professor.....	ZA48	5 280
(Total Salary)		(11 000)
4. Stanley P. Wyatt, Jr., Associate Professor.....	A	8 550
5. Ivan R. King, Assistant Professor.....	B	7 300
6. Arthur J. Meadows, Assistant Professor.....	B	6 000
7. 1.00 Full Time Equivalent Assistants.....	E	3 600
Total, Salaries		(46 930)
Wages.....		1 065
Expense.....		1 500
Equipment.....		1 800
Total, Wages, Expense, and Equipment.....		(4 365)
Total, Astronomy		\$ 51 295

Cooperative Investigations

U.S. OFFICE OF NAVAL RESEARCH 1834 22

Account Number 46-32-10-364

1. Yuen Tze Lo, Assistant Professor.....	ZBY33	\$ 3 700
(Total Salary)		(11 100)

Botany

Account Number 00-32-16-100

1. Wilson N. Stewart, Professor.....	ZA81}	\$ 9 320
Chairman of Department.....	B }	
(Total Salary)		(11 500)
2. Lindsay M. Black, Professor.....	ZA	13 000
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	11 100
6. John R. Laughnan, Professor.....	ZA	13 000
7. Eugene I. Rabinowitch, Research Professor.....	AY	14 000
8. Donald P. Rogers, Professor and Curator of Myco- logical Collections	A	11 650
9. Arthur G. Vestal, Professor, <i>Emeritus</i>	R	.....
10. ———, Professor	ZA	17 500
11. ———, Research Professor.....	AY	12 500
12. ———, Professor	A	12 600
13. John B. Hanson, Associate Professor.....	ZAY	.....
14. Robert M. Kosanke, Associate Professor.....	DY10	970
15. James F. Nance, Associate Professor.....	A	9 000
(On leave with pay second semester 1959-60)		
16. Paul C. Silva, Associate Professor.....	A	8 700
17. Lawrence C. Bliss, Assistant Professor.....	B	6 800
18. Lawrence R. Heckard, Assistant Professor.....	B	6 800
19. Douglas M. Post, Assistant Professor.....	B	6 800
20. Stella Hague, Associate, <i>Emerita</i>	RA	.....
21. ———, Research Associate.....	DY	6 000
22. Ruth M. Haynes, Research Assistant.....	DY	4 600
23. 9.00 Full Time Equivalent Assistants.....	E	32 400
Nonacademic Salaries		35 190
Total, Salaries		(231 930)
Wages.....		4 400
Expense.....		21 500
Equipment.....		3 730
Total, Wages, Expense, and Equipment.....		(29 630)
Total, Botany		\$261 560

Cooperative Investigations**AMERICAN CANCER SOCIETY E 4**

Account Number 44-32-16-303

1. Robert F. Whitcomb, Research Assistant.....	ZDY50	\$ 2 200
(Total Salary)		(4 400)

U.S. NATIONAL SCIENCE FOUNDATION G 5976

Account Number 46-32-16-352

1. David E. G. Irvine, Research Associate.....	DY	\$ 5 370
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U.S. NATIONAL SCIENCE FOUNDATION G2640

Account Number 46-32-16-358

1. Robert F. Whitcomb, Research Assistant.....	ZDY50	\$ 2 200
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U.S. NATIONAL SCIENCE FOUNDATION G4969

Account Number 46-32-16-361

1. Ruth V. Chalmers, Research Assistant.....	DY	\$ 4 500
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U.S. NATIONAL SCIENCE FOUNDATION G4324

Account Number 46-32-16-362

1. Stanley Ainsworth, Research Associate.....	DY	\$ 6 000
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U.S. OFFICE OF NAVAL RESEARCH 1834 16

Account Number 46-32-16-365

1. Shoji Ichimura, Research Associate.....	DY75	\$ 4 400
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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	\$ 20 000
2. Roger Adams, Research Professor, <i>Emeritus</i>	R	.....
3. L. F. Audrieth, Professor of Inorganic Chemistry....	A	12 100
(On leave without pay two years from September 1, 1959)		
4. John C. Bailar, Jr., Professor of Inorganic Chemistry	A	15 400
5. A. M. Buswell, Research Professor, <i>Emeritus</i>	R	.....
6. George L. Clark, Research Professor of Analytical Chemistry.....	A	13 000
7. David Y. Curtin, Professor of Organic Chemistry....	A	12 500
8. Harry G. Drickamer, Professor of Chemical Engineering and Physical Chemistry.....	ZA	18 000
9. Duane T. Englis, Professor of Analytical Chemistry, <i>Emeritus</i>	R	.....
10. R. C. Fuson, Professor of Organic Chemistry.....	ZA	14 740
(Total Salary)		(17 500)
11. I. C. Gunsalus, Professor of Biochemistry.....	A	18 000
(On leave with pay second semester 1959-60)		
12. H. S. Gutowsky, Professor of Physical Chemistry....	A	17 000
13. H. F. Johnstone, Research Professor of Chemical Engineering.....	ZA50	7 000
(Total Salary)		(14 000)
14. H. A. Laitinen, Professor of Analytical Chemistry....	A	15 000
15. Nelson J. Leonard, Professor of Organic Chemistry..	A	15 000
(On leave with pay second semester 1959-60)		
16. Carl S. Marvel, Research Professor of Organic Chemistry.....	A	17 300
17. Therald Moeller, Professor of Inorganic Chemistry....	A	12 500
18. Max S. Peters, Professor of Chemical Engineering...	ZA57	7 125
(Total Salary)		(12 500)
19. T. E. Phipps, Professor of Physical Chemistry.....	A	10 500
20. W. H. Rodebush, Research Professor, <i>Emeritus</i>	R	.....
21. W. C. Rose, Research Professor, <i>Emeritus</i>	R	.....
22. G. Frederick Smith, Professor, <i>Emeritus</i>	R	.....
23. H. R. Snyder, Professor of Organic Chemistry and Associate Head of Department.....	A	14 300

24. Carl S. Vestling, Professor of Biochemistry.....	A	14 000
25. F. T. Wall, Research Professor of Physical Chemistry ZAY20 (Total Salary)		4 400 (22 000)
26. James W. Westwater, Professor of Chemical Engineering.....	ZA	9 500
27. Peter E. Yankwich, Professor of Physical Chemistry..	A	11 000
28. ———, Professor of Organic Chemistry.....	A	13 400
29. Virginia Bartow, Associate Professor of Inorganic Chemistry.....	A	7 500
30. Thomas J. Hanratty, Associate Professor of Chemical Engineering.....	ZA	9 000
31. Edwin S. Lennox, Associate Professor of Biochemistry	A	11 000
32. Howard V. Malmstadt, Associate Professor of Analytical Chemistry (On leave with pay second semester 1959-60)	A	9 300
33. Douglas Applequist, Assistant Professor of Organic Chemistry.....	B	7 800
34. R. Linn Belford, Assistant Professor of Physical Chemistry.....	B	6 900
35. Theodore L. Brown, Assistant Professor of Inorganic Chemistry.....	B	7 000
36. Russell S. Drago, Assistant Professor of Inorganic Chemistry.....	B	7 000
37. Benjamin D. Hall, Assistant Professor of Physical Chemistry and Biochemistry.....	ZB50	3 300 (6 600)
38. Arnold M. Hartley, Assistant Professor of Analytical Chemistry.....	B	6 900
39. J. Woodland Hastings, Assistant Professor of Biochemistry.....	B	8 300
40. John P. Hummel, Assistant Professor of Physical Chemistry.....	ZB50	3 700 (7 400)
41. Richard S. Juvet, Assistant Professor of Analytical Chemistry.....	B	6 900
42. Martin Karplus, Assistant Professor of Physical Chemistry.....	B	8 000
43. Aron Kuppermann, Assistant Professor of Physical Chemistry.....	B	6 800
44. James C. Martin, Assistant Professor of Organic Chemistry.....	B	7 000
45. Daniel D. Perlmutter, Assistant Professor of Chemical Engineering.....	ZB	7 100
46. Theron S. Piper, Assistant Professor of Inorganic Chemistry.....	B	6 900
47. John A. Quinn, Assistant Professor of Chemical Engineering.....	ZB	6 900
48. K. L. Rinehart, Assistant Professor of Organic Chemistry.....	B	7 500
49. William J. Rutter, Assistant Professor of Biochemistry	B	9 800
50. Kensal E. Van Holde, Assistant Professor of Physical Chemistry.....	B	8 100
51. Finn Wold, Assistant Professor of Biochemistry.....	B	7 200
52. Mervyn S. Grant, Research Associate in Chemistry... DY		5 700
53. Rosalie M. Parr, Associate, <i>Emerita</i>	RA	.....
54. ———, Research Associate in Chemistry.....	DY	5 800
55. ———, Research Associate in Chemistry.....	DY	5 700
56. Robert B. Bates, Instructor in Organic Chemistry....	D	6 300
57. David M. Geller, Instructor in Biochemistry.....	D	6 800
58. Leon F. Goodyear, Instructor in Glassblowing.....	DY5	400 (8 000)
(Total Salary)		
(Also nonacademic)		
59. Dean F. Martin, Instructor in Inorganic Chemistry....	D	6 000

60. Clarence E. Pfluger, Instructor in Analytical Chemistry	D	6 000
61. David B. Sowerby, Instructor in Inorganic Chemistry..	D	5 800
62. —————, Instructor in Chemical Engineering.....	D	6 000
63. —————, Instructor in Physical Chemistry.....	D50	3 300
64. Claire I. Higham, Microanalyst.....	DY	4 700
65. Eula G. Ihnen, Spectroscopist.....	DY	4 700
66. Paul E. McMahon, Spectroscopist.....	DY	6 200
67. Jozsef Nemeth, Microanalyst.....	DY	8 800
68. Ben A. Shoulders, Spectroscopist.....	DY	5 900
69. Jane S. Liu, Microanalyst.....	DY	4 700
70. 49.50 Full Time Equivalent Assistants.....	E	185 300
71. 1.00 Full Time Equivalent Assistants.....	DY	4 760
Nonacademic Salaries		210 300
<i>Total, Salaries</i>		(954 825)
Wages.....		8 940
Expense.....		250 000
Equipment.....		30 000
<i>Total, Wages, Expense, and Equipment.....</i>		(288 940)
<i>Total, Chemistry and Chemical Engineering.....</i>		\$1 243 765

Cooperative Investigations

AMERICAN CHEMICAL SOCIETY PETROLEUM RESEARCH FOUNDATION — RF SPECTROSCOPY

Account Number 44-32-19-304

- | | | |
|---|----|----------|
| 1. Ian J. Lawrenson, Research Associate in Chemistry... | DY | \$ 5 400 |
| 2. Andrew L. Porte, Research Associate in Chemistry.... | FY | 5 400 |

(Effective October 1, 1959)

<i>Total, American Chemical Society Petroleum Research Foundation — RF Spectroscopy.....</i>		\$ 10 800
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PROCTER AND GAMBLE COMPANY — EGG YOLK LIPIDS

Account Number 44-32-19-365

- | | | |
|---|-------|----------|
| 1. Mary A. Miller, Research Assistant in Chemistry..... | ZDY50 | \$ 2 350 |
|---|-------|----------|
- (Total Salary) (4 700)

PROCTER AND GAMBLE COMPANY — WHEAT LIPIDS

Account Number 44-32-19-367

- | | | |
|---|-------|----------|
| 1. Mary A. Miller, Research Assistant in Chemistry..... | ZDY50 | \$ 2 350 |
|---|-------|----------|

RESEARCH CORPORATION — FERROCENE DERIVATIVE

Account Number 44-32-19-372

- | | | |
|---|----|----------|
| 1. Lars F. Westman, Research Associate in Chemistry.... | FY | \$ 5 640 |
|---|----|----------|
- (Effective March 1, 1960)

U.S. AIR FORCE 5446

Account Number 46-32-19-305

- | | | |
|--|----|----------|
| 1. Kenichi Morinaga, Research Assistant in Chemistry.... | DY | \$ 5 000 |
|--|----|----------|

U.S. AIR FORCE 5486

Account Number 46-32-19-306

- | | | |
|---|-------|----------|
| 1. Harold A. Goodwin, Research Associate in Chemistry | ZFY50 | \$ 2 700 |
|---|-------|----------|
- (Total Salary) (5 400)
- (Effective September 16, 1959)

AMERICAN CHEMICAL SOCIETY — PETROLEUM RESEARCH

FUND — METAL COMPLEXES

Account Number 44-32-19-305

- | | | |
|---|-------|----------|
| 1. Harold A. Goodwin, Research Associate in Chemistry | ZFY50 | \$ 2 700 |
|---|-------|----------|
- (Effective September 16, 1959)

U.S. ARMY ORDNANCE 1987

Account Number 46-32-19-314

- | | | |
|--|----|----------|
| 1. Thomas B. Reddy, Research Associate in Chemistry... | DY | \$ 5 500 |
| 2. Keith E. Johnson, Research Associate in Chemistry.... | DY | 5 500 |

<i>Total, U.S. Army Ordnance 1987.....</i>		\$ 11 000
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U.S. ARMY QUARTERMASTER 1262		
Account Number 46-32-19-318		
1. David W. West, Research Associate in Chemistry.....	DY	\$ 5 370
U.S. ATOMIC ENERGY COMMISSION PROJECT 4		
Account Number 46-32-19-320		
1. Kenneth R. Lynn, Research Associate in Chemistry...	FY	\$ 6 000
(Effective October 1, 1959)		
U.S. ATOMIC ENERGY COMMISSION 691		
Account Number 46-32-19-325		
1. Geneva G. Belford, Research Associate in Chemistry..	DY	\$ 6 000
U.S. NATIONAL SCIENCE FOUNDATION G 2627		
Account Number 46-32-19-352		
1. Dietrich Woermann, Research Associate in Chemistry	DY	\$ 5 600
U.S. NATIONAL SCIENCE FOUNDATION G 5907		
Account Number 46-32-19-354		
1. Joe M. Parks, Research Associate in Chemistry.....	DY	\$ 6 800
U.S. NATIONAL SCIENCE FOUNDATION G 5563		
Account Number 46-32-19-359		
1. H. Edward Conrad, Research Associate in Chemistry..	FY	\$ 6 800
(Effective July 1, 1959)		
U.S. NATIONAL SCIENCE FOUNDATION G7336		
Account Number 46-32-19-367		
1. Paul J. Gans, Research Associate in Chemistry.....	DY	\$ 5 600
U.S. PUBLIC HEALTH SERVICE 2G 321		
Account Number 46-32-19-383		
1. Benjamin D. Hall, Assistant Professor of Physical		
Chemistry and Biochemistry.....	ZB50	\$ 3 300
2. John M. Clark, Jr., Instructor in Biochemistry.....	D	6 300
Total, U.S. Public Health Service 2G 321.....		\$ 9 600
U.S. PUBLIC HEALTH SERVICE EI683		
Account Number 46-32-19-384		
1. Giuseppe Vicari, Research Associate in Chemistry....	FY	\$ 5 500
(Effective January 1, 1960)		
U.S. PUBLIC HEALTH SERVICE C3969		
Account Number 46-32-19-386		
1. Gerd A. W. Michel, Research Associate in Chemistry..	DY	\$ 5 400
U.S. PUBLIC HEALTH SERVICE RG 5829		
Account Number 46-32-19-390		
1. Klaus Jann, Research Associate in Chemistry.....	FY	\$ 5 370
(Effective January 16, 1960)		

Classics

Account Number 00-32-22-100		
1. John L. Heller, Professor and Head of Department..	ZA	\$ 13 200
2. Revilo P. Oliver, Professor.....	A	10 100
3. B. E. Perry, Professor.....	A	13 200
4. Alexander Turyn, Professor.....	A	11 900
(On leave with pay first semester 1959-60)		
5. Alan L. Boegehold, Assistant Professor.....	B	6 000
6. Robert E. A. Palmer, Assistant Professor.....	B	6 000
7. 0.33 Full Time Equivalent Assistants.....	E	1 200
Nonacademic Salaries		1 500
Total, Salaries		(63 100)
Wages.....		200
Expense.....		700
Equipment.....		200
Total, Wages, Expense, and Equipment.....		(1 100)
Total, Classics		\$ 64 200

English

Account Number 00-32-25-100

1. Robert W. Rogers, Professor and Head of Department A (On leave with one-half pay 1959-60)	\$ 14 300
2. C. R. Anderson, Professor of Business English..... A	11 600
3. T. W. Baldwin, Professor..... G (On leave without pay 1959-60)	.....
4. Edward H. Davidson, Professor..... A	13 000
5. Gwynne B. Evans, Professor..... A	12 500
6. John T. Flanagan, Professor..... A	13 000
7. H. F. Fletcher, Professor..... A	15 400
8. G. T. Flom, Professor, <i>Emeritus</i> RA	.....
9. Royal A. Gettmann, Professor..... A (On leave with pay first semester 1959-60)	14 000
10. Marcus S. Goldman, Professor..... A	8 800
11. M. T. Herrick, Professor..... ZA67 (Total Salary)	9 440 (14 000)
12. Allan G. Holaday, Professor..... A	9 700
13. Julius N. Hook, Professor..... ZA25 (Total Salary)	2 650 (5 300)
14. Murray Krieger, Professor..... A	13 500
15. Paul N. Landis, Professor..... A (On leave with one-half pay 1959-60)	12 700
16. Henning Larsen, Professor, <i>Emeritus</i> ZR	.....
17. B. A. Milligan, Professor..... A Acting Head of Department..... D (Total Salary)	10 500 (1 000) (11 500)
18. Sherman Paul, Professor..... A (On leave with pay second semester 1959-60)	13 000
19. Robert A. Pratt, Professor..... G (Six months from September 1, 1959)	7 500
20. Gordon N. Ray, Professor..... ZAY	.....
21. C. W. Roberts, Professor..... A	11 800
22. Charles H. Shattuck, Professor..... A	9 800
23. Donald Smalley, Professor..... A	13 200
24. Roland M. Smith, Professor..... A	10 800
25. Daniel Curley, Associate Professor..... A	7 500
26. Bruce Harkness, Associate Professor..... A Executive Secretary of Department..... D (Total Salary)	8 000 (500) (8 500)
27. Edward Nehls, Associate Professor..... A	7 500
28. J. K. Quinn, Associate Professor..... A	8 300
29. Francis W. Weeks, Associate Professor of Business English..... A	8 500
30. Robert Bruce Weirick, Associate Professor, <i>Emeritus</i> .. R	.....
31. Harris W. Wilson, Associate Professor and Chairman of Freshman Rhetoric..... A	8 800
32. August L. Altenbernd, Assistant Professor..... B	6 900
33. Helen B. Brennan, Assistant Professor and Chairman of English for Foreign Students..... B	6 500
34. Garreta H. Busey, Assistant Professor..... B	6 700
35. Gibbon Butler, Assistant Professor..... ZBY	.....
36. Walter J. Chamberlin, Assistant Professor of Business English..... B	7 600
37. N. P. Davis, Assistant Professor..... B (On leave with pay second semester 1959-60)	5 900
38. Oliver W. Evans, Assistant Professor..... B	6 000
39. Margaret French, Assistant Professor, <i>Emerita</i> R	.....
40. Robert L. Haig, Assistant Professor..... B	6 900
41. Glenn P. Haskell, Assistant Professor..... B	7 300
42. Francis E. Hodgins, Jr., Assistant Professor..... B	6 300
43. Cornelia P. Kelley, Assistant Professor..... B	6 700
44. Ruth Kelso, Assistant Professor, <i>Emerita</i> R	.....

45. John T. Maguire, Assistant Professor of Business English.....	B	6 800
46. William H. McBurney, Assistant Professor.....	B	6 700
47. Frank Moake, Assistant Professor.....	B	6 530
48. Louis A. Muinzer, Assistant Professor.....	B	6 200
49. Robert Ornstein, Assistant Professor.....	B	7 000
50. Ronald H. Paulson, Assistant Professor.....	B	6 000
51. Esther H. Rapp, Assistant Professor, <i>Emerita</i>	R	.....
52. Harry F. Robins, Assistant Professor.....	B	6 900
53. Robert L. Schneider, Assistant Professor.....	B	6 400
54. Arthur L. Scott, Assistant Professor.....	B	6 800
55. George Scouffas, Assistant Professor.....	B	7 400
56. Mary D. Sleator, Assistant Professor.....	ZB67	4 070
(Total Salary)		(6 100)
57. Jack C. Stillinger, Assistant Professor.....	B	6 500
58. Gardiner B. Stillwell, Assistant Professor.....	B	6 800
59. Michael Timko, Assistant Professor.....	B	6 000
60. Caroline Tupper, Assistant Professor, <i>Emerita</i>	R	.....
61. ———, Assistant Professor.....	B	6 300
62. ———, Assistant Professor.....	B33	2 300
63. Keith Alldritt, Instructor.....	D	5 200
64. Earl P. Bloom, Instructor in Business English.....	D	5 100
65. Margaret Bloom, Instructor.....	D	5 200
66. William M. Curtin, Instructor.....	D	5 700
67. Richard P. Felton, Instructor in Business English.....	D	4 900
68. Rocco L. Fumento, Instructor.....	D	5 500
69. Sanford Golding, Instructor.....	D	5 800
70. Herbert Goodrich, Instructor in Business English.....	D	5 300
71. Wade H. Hall, Instructor in Business English.....	D	4 900
72. John A. Hamilton, Instructor.....	D	5 400
73. Donald J. Hogan, Instructor.....	D	5 700
74. Mary A. Hussey, Instructor.....	D	5 500
75. Maria Keen, Instructor.....	D	4 500
76. William J. Lord, Jr., Instructor in Business English....	D	6 100
77. John S. Martin, Instructor.....	D	5 700
78. Stanton Millet, Instructor.....	D	5 700
79. Jean Praninskas, Instructor.....	D	5 300
80. David A. Reibel, Instructor.....	D	4 900
81. William H. Rueckert, Instructor.....	D	5 900
82. Lucian P. Spataro, Instructor in Business English.....	D	4 900
83. Albert C. Tillman, Instructor.....	D	5 500
84. Robert M. Zewadski, Instructor in Business English....	D	4 800
85. ———, Instructor.....	D	5 500
86. ———, Instructor.....	D	5 500
87. ———, Instructor in Business English.....	D	4 700
88. ———, Instructor.....	D	5 200
89. ———, Instructor.....	D	5 100
90. James C. Ballowe, Assistant.....	E	3 900
91. K. Gerald Balls, Assistant.....	E	3 600
92. Thomas F. Batell, Assistant.....	E	4 100
93. Herbert Bogart, Assistant.....	E	4 000
94. Evelyn H. Buckalew, Assistant.....	E	3 600
95. Philip Y. Coleman, Assistant.....	E	3 800
96. Richard E. Cunningham, Assistant.....	E	3 600
97. Herman H. Diers, Assistant.....	E	3 600
98. Kathryn F. Douglass, Assistant.....	E	3 800
99. Daniel W. Dungan, Assistant.....	E	3 800
100. Alvin I. Dust, Assistant.....	E	4 100
101. Scott C. Eatherly, Assistant.....	E	4 100
102. George B. Ferguson, Assistant.....	E	3 900
103. Merle J. Fifield, Assistant.....	E	4 000
104. George V. Goodin, Assistant.....	E	4 000
105. Carol S. Gurolnick, Assistant.....	E	4 000

106. John M. Heissler, Jr., Assistant.....	E	4 000
107. Ward Hellstrom, Assistant.....	E	4 000
108. Jerald W. Ketchum, Assistant.....	E	3 800
109. Richard S. Leever, Assistant.....	E	4 100
110. Lee T. Lemon, Assistant.....	E	4 000
111. Edward R. Levy, Assistant.....	E	3 800
112. Robert W. Lewis, Jr., Assistant.....	E	3 600
113. Martin Light, Assistant.....	E	4 100
114. James M. MacIntyre, Assistant.....	E	3 900
115. William A. McQueen, Assistant.....	E	3 800
116. Carl A. Moon, Assistant.....	E	3 900
117. Lubitsa Nenadovich, Assistant.....	E	4 200
118. Michael Pasko, Assistant.....	E	4 000
119. Harry E. Preble, Assistant.....	E	4 000
120. Reginald A. Saner, Assistant.....	E	4 300
121. May S. Scott, Assistant.....	E	3 600
122. Marlene K. Smith, Assistant.....	E	3 800
123. Robert K. Stone, Assistant.....	E	4 300
124. Lyle E. Van Pelt, Assistant.....	E	3 600
125. Don S. Woodmency, Assistant.....	E	3 800
126. _____, Assistant.....	E	4 000
127. _____, Assistant.....	E	4 200
128. _____, Assistant.....	E	3 600
129. _____, Assistant.....	E	4 100
130. _____, Assistant.....	E	3 800
131. _____, Assistant.....	E	3 800
132. _____, Assistant.....	E	4 400
133. _____, Assistant.....	E	3 800
134. _____, Assistant.....	E	3 800
135. _____, Assistant.....	E	4 000
136. _____, Assistant.....	E	3 600
137. _____, Assistant.....	E	3 600
138. _____, Assistant.....	E	3 800
139. _____, Assistant.....	E	4 000
140. 31.00 Full Time Equivalent Assistants.....	E	111 670
Nonacademic Salaries.....		21 510
<i>Total, Salaries</i>		(912 970)
Wages.....		7 200
Expense, General.....		8 900
Expense, Printing of <i>Accent</i>		1 600
Equipment.....		2 500
<i>Total, Wages, Expense, and Equipment</i>		(20 200)
<i>Total, English</i>		\$933 170

Entomology

Account Number 00-32-28-100		
1. Leigh E. Chadwick, Professor and Head of Department	A	\$ 14 800
2. W. V. Balduf, Professor, <i>Emeritus</i>	R	.....
3. George C. Decker, Professor.....	ZAY	.....
4. G. S. Fraenkel, Professor.....	A	12 000
5. William P. Hayes, Professor, <i>Emeritus</i>	R	.....
6. William R. Horsfall, Professor.....	A	9 700
7. C. W. Kearns, Professor.....	A	12 050
8. H. H. Ross, Professor.....	A	.....
9. James G. Sternburg, Associate Professor.....	A	7 750
10. William L. Downes, Jr., Assistant Professor.....	B	6 150
11. Richard B. Selander, Assistant Professor.....	B	6 550
12. Gilbert P. Waldbauer, Instructor.....	D	4 850
13. 2.00 Full Time Equivalent Assistants.....	E	7 400
Nonacademic Salaries.....		3 840
<i>Total, Salaries</i>		(85 090)
Expense.....		4 000

Wages.....	1 000
Equipment.....	3 800
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(8 800)</i>
<i>Total, Entomology</i>	<i>\$ 93 890</i>

Cooperative Investigations**ROCKEFELLER FOUNDATION — FRAENKEL**

Account Number 44-32-28-372

1. Robert T. Yamamoto, Research Associate.....	DY	\$ 6 000
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ROCKEFELLER FOUNDATION — KEARNS

Account Number 44-32-28-373

1. Shen C. Chang, Research Associate.....	DY	\$ 6 300
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French

Account Number 00-32-31-100

1. Charles A. Knudson, Professor and Head of Department.....	A	\$ 15 000
2. Cameron C. Gullette, Professor.....	A	9 100
3. J. F. Jackson, Professor.....	A	11 200
4. Paul E. Jacob, Professor.....	A	9 200
5. Philip Kolb, Professor.....	A	10 600
6. Philip A. Wadsworth, Professor.....	A	11 800
(On leave with pay second semester 1959-60)		
7. Bruce H. Mainous, Associate Professor.....	A	8 800
8. Angelina Pietrangeli, Associate Professor.....	ZA50	4 500
(Total Salary)		(9 000)
9. Claude P. Viens, Associate Professor.....	A	9 200
10. Edwin Jahiel, Assistant Professor.....	B	6 200
11. Robert E. Hallowell, Assistant Professor.....	B	7 550
12. Francis W. Nachtmann, Assistant Professor.....	B	6 300
13. ———, Assistant Professor.....	B	6 600
14. ———, Assistant Professor.....	BY50	4 400
15. Stanley E. Gray, Instructor.....	D	5 400
16. Claude K. Abraham, Instructor.....	D	5 400
17. Cordelia Reed, Instructor.....	D	5 600
18. 9.75 Full Time Equivalent Assistants.....	E75	37 255
Nonacademic Salaries		4 260
<i>Total, Salaries</i>		<i>(178 365)</i>
Wages.....		500
Expense.....		1 350
Equipment.....		725
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(2 575)</i>
<i>Total, French</i>		<i>\$180 940</i>

Division of General Studies

Account Number 00-32-37-100

1. James M. McCrimmon, Professor of Humanities and Head of Division of General Studies.....	A	\$ 11 000
(On leave with one-half pay 1959-60)		
2. William Habberton, Professor, <i>Emeritus</i>	R	.....
3. M. T. Herrick, Professor of English.....	ZA33	4 560
(Total Salary)		(14 000)
4. Otto E. Kugler, Professor of Biological Science.....	A	9 200
5. ———, Professor of Physical Science.....	A	9 000
6. ———, Professor of History.....	A	9 200
7. Frank Costin, Associate Professor of Psychology.....	ZA50	4 050
(Total Salary)		(8 100)
8. Robert Siegfried, Associate Professor of Chemistry... A		7 500
9. Edwin M. Banks, Assistant Professor of Biological Science.....	B	6 400
10. Walter H. Draper, Assistant Professor of Verbal Communication.....	B	6 000
11. Leo F. Koch, Assistant Professor of Biological Science B		5 900

12. Frank L. Koucky, Jr., Assistant Professor of Geology. ZB75	4 500
(Total Salary)	(6 000)
13. Donald E. McCoy, Assistant Professor of Humanities. B	7 200
14. Robert C. Pugh, Assistant Professor of History..... ZB75	5 100
(Total Salary)	(6 800)
15. Ralph G. Connor, Instructor in Sociology..... D	6 200
16. Arthur W. Flemings, Instructor in Verbal Communication..... D	5 300
17. John F. Glawe, Instructor in Biological Science..... D	5 700
18. A. Tress Lundman, Instructor in Verbal Communication D	5 375
19. Clarence A. Poxon, Instructor in Physical Science..... D	5 300
20. _____, Instructor in History of Civilization.... D	4 800
21. _____, Instructor in Physical Science..... D	5 100
22. _____, Assistant in Physical Science..... E	3 600
23. 5.00 Full Time Equivalent Assistants..... E	19 150
Nonacademic Salaries	5 100
<i>Total Salaries</i>	(155 235)
Wages.....	1 550
Expense.....	3 600
Equipment.....	1 500
<i>Total, Wages, Expense, and Equipment</i>	(6 650)
<i>Total, Division of General Studies</i>	\$161 885

Geography

Account Number 00-32-43-100	
1. Joseph A. Russell, Professor and Head of Department. A	\$ 14 300
2. Alfred W. Booth, Professor..... A	11 000
3. Fred W. Foster, Professor..... A	11 000
4. John H. Garland, Professor..... A	10 000
(On leave with pay second semester 1959-60)	
5. J. L. Page, Professor..... A	9 800
6. Robert L. Carmin, Associate Professor..... A	8 900
7. Jerome D. Fellmann, Associate Professor..... A	8 050
8. Howard G. Roepke, Associate Professor..... A	8 000
9. C. S. Alexander, Assistant Professor..... B	7 100
10. 5.50 Full Time Equivalent Assistants..... E	19 800
Nonacademic Salaries	11 280
<i>Total, Salaries</i>	(119 230)
Wages.....	2 200
Expense.....	5 500
Equipment.....	3 000
<i>Total, Wages, Expense, and Equipment</i>	(10 700)
<i>Total, Geography</i>	\$129 930

Geology

Account Number 00-32-46-100	
1. George W. White, Professor and Head of Department. A	\$ 16 500
2. Albert Carozzi, Professor..... A	10 000
3. Carleton A. Chapman, Professor..... A	11 500
4. Don U. Deere, Professor..... ZA33	3 660
(Total Salary)	(11 000)
5. Ralph E. Grim, Research Professor..... A	15 000
6. Arthur F. Hagner, Professor..... A	10 000
7. Jack L. Hough, Professor..... A	11 000
8. George B. Maxey, Professor..... A10	1 120
9. F. H. T. Rhodes, Visiting Professor..... G	6 000
(Five months from September 1, 1959)	
10. Harold W. Scott, Professor..... A	11 000
11. Paul R. Shaffer, Professor..... A	11 500
12. Harold R. Wanless, Professor..... A	14 000
13. Donald M. Henderson, Associate Professor..... A	8 000
14. _____, Associate Professor..... A	8 000
15. Frederick W. Cropp, Assistant Professor..... B	6 000

16. Frank L. Koucky, Jr., Assistant Professor.....	ZB25	1 500
(Total Salary)		(6 000)
17. Ralph L. Langenheim, Jr., Assistant Professor.....	B	7 000
18. 12.50 Full Time Equivalent Assistants.....	E	45 150
Nonacademic Salaries		12 780
<i>Total, Salaries</i>		(209 710)
Wages.....		3 500
Expense.....		27 000
Equipment.....		13 000
<i>Total, Wages, Expense, and Equipment</i>		(43 500)
<i>Total, Geology</i>		\$253 210

Cooperative Investigations

U.S. NATIONAL SCIENCE FOUNDATION G 6591

Account Number 46-32-46-357

1. F. M. Wahl, Research Assistant Professor.....	FY	\$ 7 000
(Two years from July 1, 1959)		

German

Account Number 00-32-49-100

1. Frank G. Banta, Associate Professor.....	A }	\$ 9 000
Chairman of Department.....	B }	
2. John R. Frey, Professor.....	A	11 700
(On leave with pay first semester 1959-60)		
3. J. T. Geissendoerfer, Professor, <i>Emeritus</i>	R	.....
4. Phillip M. Mitchell, Professor.....	A	10 200
5. Ernst A. Philippson, Professor.....	A	11 700
6. Henri Stegemeier, Professor.....	A	10 600
(On leave with pay second semester 1959-60)		
7. C. A. Williams, Professor, <i>Emeritus</i>	R	.....
8. Mimi Ida Jehle, Associate Professor.....	A	8 100
9. Francis J. Nock, Associate Professor.....	A	8 600
10. Gerard F. Schmidt, Assistant Professor.....	B	7 700
11. Pauline S. Schwalbe, Assistant Professor.....	B	6 000
12. Marvin H. Bragg, Instructor.....	D	5 200
13. James E. Engel, Instructor.....	D	5 400
14. Burkhard Seubert, Instructor	D	5 200
15. David E. Silas, Instructor.....	D	5 500
16. _____, Instructor	D	5 000
17. _____, Instructor.....	D	5 000
18. 5.50 Full Time Equivalent Assistants.....	E	20 050
Nonacademic Salaries		3 270
<i>Total, Salaries</i>		(138 220)
Wages.....		100
Expense.....		1 400
Equipment.....		400
<i>Total, Wages, Expense, and Equipment</i>		(1 900)
<i>Total, German</i>		\$140 120

History

Account Number 00-32-52-100

1. J. W. Swain, Professor.....	A }	\$ 14 300
Chairman of Department.....	D }	
2. Arthur E. Bestor, Jr., Professor.....	A	12 700
3. F. C. Dietz, Professor, <i>Emeritus</i>	R	.....
4. Edgar L. Erickson, Professor.....	A	9 400
5. Deno J. Geanakoplos, Professor.....	A	9 400
6. Norman A. Graebner, Professor.....	A	13 000
7. P. V. B. Jones, Professor, <i>Emeritus</i>	R	.....
8. Charles E. Nowell, Professor.....	A	12 700
9. F. S. Rodkey, Professor, <i>Emeritus</i>	R	.....
10. Fred A. Shannon, Professor.....	A	13 500
11. Chester G. Starr, Professor.....	A	12 200
12. Raymond P. Stearns, Professor.....	A	13 000

13. James L. Bates, Associate Professor.....	A	7 800
14. C. Ernest Dawn, Associate Professor.....	A	9 200
(On leave with pay second semester 1959-60)		
15. Ralph T. Fisher, Jr., Associate Professor.....	A	8 700
16. Robert W. Johannsen, Associate Professor.....	D	8 000
17. Maurice Lee, Jr., Associate Professor.....	A	8 000
18. John B. Sirich, Associate Professor.....	A	8 500
19. Robert M. Sutton, Associate Professor.....	ZAY27	3 000
(Total Salary)		(11 600)
20. ———, Associate Professor.....	A	8 750
21. Natalia M. Belting, Assistant Professor.....	B	6 200
22. Louise B. Dunbar, Assistant Professor.....	B	7 350
23. Ameda Ruth King, Assistant Professor.....	B	6 600
24. Otto P. Pflanze, Assistant Professor.....	B	7 800
25. Mary Lucille Shay, Assistant Professor.....	ZB80	5 880
(Total Salary)		(7 350)
26. ———, Assistant Professor.....	B	6 500
27. 5.50 Full Time Equivalent Assistants.....	E	19 900
Nonacademic Salaries		5 040
Total, Salaries		(237 420)
Wages.....		1 300
Expense.....		2 175
Equipment.....		650
Total, Wages, Expense, and Equipment.....		(4 125)
Total, History		\$241 545

Mathematics

Account Number 00-32-54-100		
1. Mahlon M. Day, Professor and Head of Department..	A	\$ 14 600
2. Reinhold Baer, Professor, <i>Emeritus</i>	R	.....
3. Paul T. Bateman, Professor.....	A	11 000
4. Colin R. Blyth, Professor.....	A	11 000
5. D. G. Bourgin, Professor.....	A	15 000
6. H. R. Brahana, Professor.....	A	15 000
7. Stewart S. Cairns, Professor.....	A	15 000
8. R. D. Carmichael, Professor, <i>Emeritus</i>	ZR	.....
9. A. B. Coble, Professor, <i>Emeritus</i>	R	.....
10. J. L. Doob, Professor.....	ZA	16 500
(Total Salary)		(19 000)
11. Maurice H. Heins, Professor.....	A	13 500
12. P. W. Ketchum, Professor.....	A	11 600
13. Joseph Landin, Professor.....	A	10 000
14. Harry Levy, Professor.....	A	11 000
15. C. W. Mendel, Professor.....	A	10 000
16. Henry J. Miles, Professor.....	AY45	5 400
Executive Secretary of Department.....	A55	5 400
(Total Salary)		(10 800)
17. Robert E. Pingry, Professor.....	ZA45	4 250
(Total Salary)		(9 400)
18. Irving Reiner, Professor.....	A	11 000
19. Michio Suzuki, Professor.....	A	10 000
20. A. H. Taub, Research Professor of Applied Mathematics	ZA	.....
21. W. J. Trjitzinsky, Professor.....	A	14 000
22. H. E. Vaughan, Professor.....	A	9 000
23. ———, Professor of Mathematical Statistics....	A	18 000
24. ———, Professor	A	14 000
25. Beulah M. Armstrong, Associate Professor.....	A	8 000
26. Robert G. Bartle, Associate Professor.....	A	8 500
27. William W. Boone, Associate Professor.....	A	0 200
28. William A. Ferguson, Associate Professor.....	A	8 100
29. Olive C. Hazlett, Associate Professor, <i>Emerita</i>	R	.....
30. Alex Heller, Associate Professor.....	A	8 500
31. Franz E. Hohn, Associate Professor.....	A	8 950

32. G. E. Moore, Associate Professor, <i>Emeritus</i>	R	.....
33. David E. Muller, Research Associate Professor.....	ZA	.....
34. J. William Peters, Associate Professor.....	A	8 350
35. Edward J. Scott, Associate Professor.....	A	8 100
36. L. L. Steimley, Associate Professor, <i>Emeritus</i>	R	.....
37. Wilfrid Wilson, Associate Professor, <i>Emeritus</i>	R	.....
38. Richard L. Bishop, Assistant Professor.....	B	6 500
39. O. K. Bower, Assistant Professor.....	B	7 000
40. Donald L. Burkholder, Assistant Professor of Mathematical Statistics	B	8 000
41. Josephine H. Chanler, Assistant Professor.....	B	7 300
42. Amiel Feinstein, Assistant Professor.....	B	7 000
43. Donald B. Gillies, Research Associate Professor of Applied Mathematics	ZAY	.....
44. Robert M. Haber, Assistant Professor.....	B	6 500
45. Norman T. Hamilton, Assistant Professor.....	B	7 200
(On leave without pay 1959-60)		
46. Corinne Hattan, Assistant Professor.....	B	6 100
47. Lester L. Helms, Assistant Professor.....	B	7 000
48. V. A. Hoersch, Assistant Professor, <i>Emeritus</i>	R	.....
49. Richard P. Jerrard, Assistant Professor.....	B	8 000
50. Carl W. Kohls, Assistant Professor.....	B	7 000
51. Ralph M. Krause, Assistant Professor.....	B	6 500
52. R. G. Langebartel, Assistant Professor.....	B	8 000
53. Howard Osborn, Assistant Professor.....	B	8 000
54. Echo D. Pepper, Assistant Professor.....	B	7 200
55. Donald M. Roberts, Assistant Professor.....	B	6 500
56. Lee A. Rubel, Assistant Professor.....	B	7 200
57. Jewell E. Schubert, Assistant Professor.....	B	6 600
58. Robert A. Wijsman, Assistant Professor.....	B	8 000
59. Herbert S. Wilf, Assistant Professor.....	B	6 500
60. Wilson M. Zaring, Assistant Professor.....	B	7 500
61. Hiram Paley, Assistant Professor.....	B	6 000
62. ———, Assistant Professor	B	6 500
63. ———, Assistant Professor.....	B	7 000
64. ———, Assistant Professor	B	6 000
65. Tyler Allhands, Instructor.....	D	5 400
66. Clarence Phillips, Instructor.....	D	5 800
67. 27.75 Full Time Equivalent Assistants.....	E	102 280
Nonacademic Salaries		12 450
<i>Total, Salaries</i>		(613 980)
Wages.....		300
Expense.....		7 400
Equipment.....		500
<i>Total, Wages, Expense, and Equipment</i>		(8 200)
<i>Total, Mathematics</i>		\$622 180

Illinois Journal of Mathematics Revolving

Account Number 12-32-54-336

Expense.....	\$ 2 000
<i>Total, Illinois Journal of Mathematics Revolving</i>	\$ 2 000

Cooperative Investigations

U.S. NATIONAL SCIENCE FOUNDATION G 6512

Account Number 46-32-54-160

1. Robert R. Christian, Visiting Lecturer.....	G	\$ 10 000
(August 1, 1959, through May 31, 1960)		

Microbiology

Account Number 00-32-55-100

1. Halvor O. Halvorson, Professor and Head of Department.....	A}	\$ 17 500
Director of School of Life Sciences.....	B}	

2. F. M. Clark, Professor.....	A	9 750
3. Ralph D. DeMoss, Professor.....	A	10 400
4. Sol Spiegelman, Professor.....	A	15 000
5. G. I. Wallace, Professor.....	A	10 000
6. _____, Professor.....	A	13 600
7. Ralph S. Wolfe, Associate Professor.....	A	9 000
8. Joseph T. Wachsman, Assistant Professor.....	B	6 700
9. _____, Assistant Professor.....	B	7 000
10. 7.00 Full Time Equivalent Assistants.....	E	25 550
Nonacademic Salaries		34 680
<i>Total, Salaries</i>		(159 180)
Wages.....		4 000
Expense.....		23 400
Equipment.....		8 000
<i>Total, Wages, Expense, and Equipment</i>		(35 400)
<i>Total, Microbiology</i>		\$194 580

Cooperative Investigations

U.S. OFFICE OF NAVAL RESEARCH 1834 09

Account Number 46-32-55-363

1. G. G. Krishna Murty, Research Assistant Professor.... DY \$ 8 500

U.S. OFFICE OF NAVAL RESEARCH 1834 24

Account Number 46-32-55-364

1. V. R. Srinivasan, Research Associate..... DY \$ 5 370

U.S. PUBLIC HEALTH SERVICE C1094

Account Number 46-32-55-368

1. Masayasu Nomura, Research Associate..... DY \$ 7 200

U.S. PUBLIC HEALTH SERVICE E1467

Account Number 46-32-55-369

1. Nina E. Geiger, Research Assistant..... DY \$ 4 600

U.S. PUBLIC HEALTH SERVICE E1807

Account Number 46-32-55-374

1. Dorothy K. Fraser, Research Associate..... DY \$ 7 200

2. Mary J. N. Adams, Research Assistant..... E 3 780

Total, U.S. Public Health Service E1807..... \$ 10 980

Philosophy

Account Number 00-32-57-100

1. D. W. Gotshalk, Professor.....	A)	\$ 14 700
Chairman of Department.....	B)	
2. M. H. Fisch, Professor.....	A	14 000
3. M. T. McClure, Professor, <i>Emeritus</i>	R	.....
4. John A. Nicholson, Professor, <i>Emeritus</i>	R	.....
5. A. R. Turquette, Professor.....	A	10 800
6. Frederick L. Will, Professor.....	A	12 000
7. Bernard J. Diggs, Associate Professor.....	A	9 000
8. O. A. Kubitz, Associate Professor.....	ZAY25	2 225
(Total Salary)		(10 000)
9. Leonard Linsky, Associate Professor.....	A	7 500
10. Harry M. Tiebout, Jr., Associate Professor.....	A	7 500
11. _____, Associate Professor.....	A	7 500
12. Paul R. Diesing, Assistant Professor.....	B	6 000
13. Henry S. Harris, Assistant Professor.....	B	6 400
14. _____, Assistant Professor.....	B	6 000
15. R. S. Grossmann, Instructor.....	D	5 100
16. _____, Instructor.....	D	5 600
17. 3.00 Full Time Equivalent Assistants.....	E	10 800
Nonacademic Salaries		3 510
<i>Total, Salaries</i>		(128 635)
Expense.....		1 900
Equipment.....		100
<i>Total, Wages, Expense, and Equipment</i>		(2 000)
<i>Total, Philosophy</i>		\$130 635

Physiology

Account Number 00-32-60-100

1. Robert E. Johnson, Professor and Head of Department	ZA63	\$ 10 100
(Total Salary)		(16 100)
2. C. Ladd Prosser, Professor.....	A	13 300
3. Frederick Sargent II, Professor.....	A	9 000
4. F. R. Steggerda, Professor.....	A	11 000
5. A. B. Taylor, Professor.....	A	9 500
6. Garth J. Thomas, Professor.....	ZAY50	6 600
(Total Salary)		(13 200)
7. John D. Anderson, Associate Professor.....	A	8 600
8. Howard S. Ducoff, Associate Professor.....	AY	9 600
9. W. P. Elhardt, Associate Professor.....	A	8 000
10. William H. Johnson, Assistant Professor.....	B	7 400
11. Stanley G. Stolpe, Assistant Professor.....	B	7 050
12. Duane C. Sutfin, Assistant Professor.....	B	6 700
13. G. C. Wickwire, Assistant Professor.....	B	5 850
14. _____, Instructor	D	6 000
15. 9.25 Full Time Equivalent Assistants.....	E	33 300
16. 1.50 Full Time Equivalent Research Assistants.....	DY	6 900
Nonacademic Salaries		21 140
Total, Salaries		(180 040)
Wages.....		4 500
Expense.....		26 000
Equipment.....		7 000
Total, Wages, Expense, and Equipment.....		(37 500)
Total, Physiology		\$217 540

Political Science

Account Number 00-32-63-100

1. C. F. Snider, Professor.....	A}	\$ 13 000
Chairman of Department.....	B}	
2. Clarence A. Berdahl, Professor.....	G	.....
(On leave without pay 1959-60)		
3. Royden Dangerfield, Professor.....	ZAY	.....
4. Murray J. Edelman, Professor.....	ZAY55	6 215
(Total Salary)		(11 300)
5. C. B. Hagan, Professor.....	A	10 550
6. Valentine Jobst III, Professor.....	A	10 000
7. Charles M. Kneier, Professor.....	A	15 200
8. Edward G. Lewis, Professor.....	A	9 800
9. J. M. Mathews, Professor, <i>Emeritus</i>	R	.....
10. Phillip Monypenny, Professor.....	A	9 600
11. Jack W. Peltason, Professor.....	A	9 000
12. J. Austin Ranney, Professor.....	ZAY41	4 500
(Total Salary)		(11 800)
13. Francis G. Wilson, Professor.....	A	13 500
(On leave with pay second semester 1959-60)		
14. Neil F. Garvey, Associate Professor.....	ZAY25	2 500
(Total Salary)		(10 000)
15. George Manner, Associate Professor.....	A	7 300
16. Robert E. Scott, Associate Professor.....	A	8 000
17. _____, Associate Professor.....	A50	4 400
18. Richard L. Butwell, Assistant Professor.....	B	7 000
(On leave without pay 1959-60)		
19. Thomas Page, Assistant Professor.....	ZBY20	1 740
(Total Salary)		(8 700)
20. _____, Assistant Professor.....	B	6 000
21. _____, Assistant Professor.....	B	6 000
22. 2.40 Full Time Equivalent Assistants.....	E	8 600
Nonacademic Salaries		4 200
Total, Salaries		(157 105)

Wages.....	200
Expense.....	2 000
Equipment.....	300
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(2 500)</i>
<i>Total, Political Science.....</i>	<i>\$159 605</i>

Psychology

Account Number 00-32-66-100

1. Lloyd G. Humphreys, Professor and Head of Department.....	A	\$ 14 000
2. Raymond B. Cattell, Research Professor.....	A	13 000
3. Lee J. Cronbach, Professor.....	ZAY	.....
4. Charles W. Eriksen, Professor.....	A	9 300
5. Thomas N. Ewing, Professor.....	ZAY	.....
6. William M. Gilbert, Professor.....	ZAY	.....
7. G. Robert Grice, Professor.....	A	10 400
8. Leo A. Hellmer, Professor.....	AY	11 900
(On leave with pay first semester 1959-60)		
9. Glenn D. Higginson, Professor.....	A	8 700
10. J. McV. Hunt, Professor.....	A	14 000
11. William E. Kappauf, Professor.....	A	12 300
12. Lyle H. Lanier, Professor.....	ZA	.....
13. O. Hobart Mowrer, Research Professor.....	A	14 000
14. Lawrence I. O'Kelly, Professor.....	A	12 300
15. Charles E. Osgood, Professor.....	ZAY27	4 080
(Total Salary)		(15 000)
16. Lawrence M. Stolurow, Professor.....	ZA50	4 600
(Total Salary)		(9 200)
17. Herbert Woodrow, Professor, <i>Emeritus</i>	R	.....
18. Paul T. Young, Professor.....	A	10 700
19. _____, Professor.....	A	14 000
20. Jack A. Adams, Associate Professor.....	A	9 200
21. Jozef B. Cohen, Associate Professor.....	A	7 600
22. Donelson E. Dulany, Jr., Associate Professor.....	A	7 800
23. Fred E. Fiedler, Associate Professor.....	A	8 900
24. Harold W. Hake, Associate Professor.....	A	9 200
25. Alice K. Jonietz, Associate Professor.....	ZAY	.....
26. Robert P. Larsen, Associate Professor.....	ZAY	.....
27. W. G. McAllister, Associate Professor.....	A	7 700
28. William J. McGuire, Associate Professor.....	ZA70	5 460
(Total Salary)		(7 800)
29. Jum C. Nunnally, Jr., Associate Professor.....	ZAY25	2 500
(Total Salary)		(10 000)
30. Donald R. Peterson, Associate Professor.....	A	8 400
(On leave with one-half pay 1959-60)		
31. Hjalmar Rosen, Associate Professor.....	ZAY55	5 700
(Total Salary)		(10 350)
32. Alan K. Rosenwald, Associate Professor.....	ZAY	.....
33. Ivan D. Steiner, Associate Professor.....	A	8 900
(On leave with one-half pay 1959-60)		
34. _____, Associate Professor.....	A	8 500
35. Pauline B. Armstrong, Assistant Professor.....	ZFY16	1 180
(Total Salary)		(7 350)
(Effective July 1, 1959)		
36. Louis C. Ate, Jr., Assistant Professor.....	ZBY	.....
37. Wesley C. Becker, Assistant Professor.....	B	7 500
38. Raymond W. Frankmann, Assistant Professor.....	B	6 600
39. James F. Kamman, Assistant Professor.....	ZBY	.....
40. Donald J. Shoemaker, Assistant Professor.....	B	7 000
41. H. Wallace Sinaiko, Research Assistant Professor.....	ZDY14	1 670
(Total Salary)		(12 200)
42. Stanley Stark, Assistant Professor.....	ZBY27	2 190
(Total Salary)		(8 100)

43. Harry C. Triandis, Assistant Professor.....	ZBY55	4 840
(Total Salary)		(8 800)
44. Morton Wagman, Assistant Professor.....	ZBY	.....
45. Pearl Schroeder, Instructor.....	ZDY	.....
46. 10.00 Full Time Equivalent Assistants.....	E	36 890
Nonacademic Salaries		30 675
<i>Total, Salaries</i>		(341 685)
Wages.....		3 000
Expense.....		22 400
Equipment.....		5 000
<i>Total, Wages, Expense, and Equipment</i>		(30 400)
<i>Total, Psychology</i>		\$372 085

Cooperative Investigations

U.S. PUBLIC HEALTH SERVICE 2M 5089

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.....	ZFY84	6 170
(Effective July 1, 1959)		
<i>Total, U.S. Public Health Service 2M 5089</i>		\$ 10 870

U.S. AIR FORCE 5965

Account Number 46-32-66-309

1. Elmo E. Miller, Research Associate.....	DY	\$ 7 500
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U.S. PUBLIC HEALTH SERVICE M 1041 R2

Account Number 46-32-66-366

1. Gene R. LaForge, Research Assistant Professor.....	DY	\$ 9 150
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U.S. PUBLIC HEALTH SERVICE M1733

Account Number 46-32-66-371

1. Fred L. Damarin, Jr., Research Associate.....	DY	\$ 6 500
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STATE DEPARTMENT OF PUBLIC WELFARE —

CHILDREN'S INTERESTS

Account Number 47-32-66-312

1. Arthur B. Sweney, Research Associate.....	DY	\$ 6 800
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Russian

Account Number 00-32-68-100

1. Frances F. Sobotka, Associate Professor.....	A}	\$ 9 500
Acting Head of Department.....	D}	
2. ———, Professor	A	9 000
3. Tatjana Cizevska, Assistant Professor.....	B	6 700
4. Olga Koshansky, Assistant Professor.....	B	6 000
5. Victor Terras, Instructor.....	D	5 500
6. 1.75 Full Time Equivalent Assistants.....	E	6 800
Nonacademic Salaries		1 500
<i>Total, Salaries</i>		(45 000)
Wages.....		100
Expense.....		850
Equipment.....		275
<i>Total, Wages, Expense, and Equipment</i>		(1 225)
<i>Total, Russian</i>		\$ 46 225

Sociology

Account Number 00-32-69-100

1. ———, Professor	A}	\$ 15 000
Chairman of Department.....	B}	
2. J. W. Albig, Professor.....	A	13 000
3. E. T. Hiller, Professor, <i>Emeritus</i>	R	.....
4. J. E. Hulett, Jr., Professor.....	A	10 800
(On leave with pay second semester 1959-60)		
5. D. E. Lindstrom, Professor of Rural Sociology.....	ZAY	.....
6. Donald R. Taft, Professor, <i>Emeritus</i>	R	.....

7. _____, Professor	A	13 000
8. E. A. Ahrens, Associate Professor.....	A	7 550
9. Margaret K. Chandler, Associate Professor.....	ZA50	3 750
(Total Salary)		(7 500)
(On leave without pay)		
10. Clinton L. Folse, Associate Professor of Rural Sociology	ZAY	.....
11. Daniel Glaser, Associate Professor.....	A	8 450
12. Joseph R. Gusfield, Associate Professor.....	A	8 500
13. Robert W. Janes, Associate Professor.....	A	8 550
14. Bernard Karsh, Associate Professor.....	ZAY25	2 330
(Total Salary)		(9 400)
(Teaching one-third time first and second semester 1959-60)		
15. Ernest H. Shideler, Associate Professor, <i>Emeritus</i>	R	.....
16. B. F. Timmons, Associate Professor, <i>Emeritus</i>	R	.....
17. Bennett M. Berger, Assistant Professor.....	ZB25	1 710
(Total Salary)		(6 850)
18. Ralph W. England, Jr., Assistant Professor.....	B	6 950
19. Bernard Farber, Assistant Professor.....	ZBY40	3 800
(Total Salary)		(9 500)
20. Bernard S. Phillips, Assistant Professor.....	B	7 000
21. 4.75 Full Time Equivalent Assistants.....	E	17 070
Nonacademic Salaries		8 160
Total, Salaries		(135 620)
Wages.....		400
Expense.....		3 000
Equipment.....		500
Total, Wages, Expense, and Equipment.....		(3 900)
Total, Sociology		\$139 520

Cooperative Investigations

FORD FOUNDATION — RECIDIVISM

Account Number 44-32-69-329

1. William Nardini, Research Associate.....	DY	\$ 6 500
2. Ernest Works, Research Associate.....	DY	6 250
3. Martin L. Dosick, Research Assistant.....	DY	5 050
4. Roger J. Fisher, Research Assistant.....	DY	4 800
5. George A. Pownall, Research Assistant.....	DY	5 050
6. David A. Ward, Research Assistant.....	DY	5 050
Total, Ford Foundation — Recidivism		\$ 32 700

Spanish and Italian

Account Number 00-32-72-100

1. W. H. Shoemaker, Professor of Spanish and Italian and Head of Department.....	A	\$ 13 700
2. J. H. D. Allen, Professor of Spanish and Portuguese..	A	9 300
3. Arthur Hamilton, Professor, <i>Emeritus</i>	ZR	.....
4. Henry R. Kahane, Professor of Spanish.....	A	12 000
5. James O. Crosby, Associate Professor of Spanish and Italian.....	A	7 500
6. Fred P. Ellison, Associate Professor of Spanish.....	A	7 500
7. Joseph S. Flores, Associate Professor of Spanish.....	A	9 000
8. Luis Leal, Associate Professor of Spanish.....	A	8 000
9. Angelina Pietrangeli, Associate Professor of Spanish and Italian	ZA50	4 500
(Total Salary)		(9 000)
10. Albertine W. Osgood, Assistant Professor, <i>Emerita</i> ...	R	.....
11. Mitchell D. Triwedi, Instructor in Spanish.....	D	5 500
12. _____, Instructor in Spanish.....	D	5 500
13. _____, Instructor in Spanish.....	D	5 500
14. _____, Instructor in Spanish.....	D	5 200
15. 14.00 Full Time Equivalent Assistants.....	E	51 300
Nonacademic Salaries		3 720
Total, Salaries		(148 220)

Expense.....	2 900
Equipment.....	700
<i>Total, Wages, Expense, and Equipment.....</i>	<u>(3 600)</u>
<i>Total, Spanish and Italian.....</i>	\$151 820

George A. Miller Visiting Professorship in Spanish

Account Number 44-32-72-152

1. Maria-Rosa L. Malkiel, Visiting Professor of Spanish E	<u>\$ 11 000</u>
<i>Total, George A. Miller Visiting Professorship in Spanish.....</i>	\$ 11 000

Speech

Account Number 00-32-75-100

1. Karl R. Wallace, Professor and Head of Department.. A	\$ 16 000
2. E. Thayer Curry, Professor..... A	10 000
3. Grant Fairbanks, Professor..... AY	13 700
4. Barnard W. Hewitt, Professor..... A	11 500
5. Marie Hochmuth, Professor..... A	9 500
6. Lee S. Hutlzen, Professor..... A	9 200
7. Richard Murphy, Professor..... A	10 500
(On leave with pay second semester 1959-60)	
8. Severina E. Nelson, Professor..... A	10 050
9. John J. O'Neill, Professor and Director of Speech and Hearing Clinics ZAY80	10 500
(Total Salary)	(12 500)
10. W. M. Parrish, Professor, <i>Emeritus</i> R	.....
11. John Wesley Swanson, Professor and Executive Secretary of Department..... A	10 000
12. King W. Broadrick, Associate Professor..... A	7 500
13. Martin T. Cobin, Associate Professor..... A	7 500
14. Otto A. Dieter, Associate Professor..... A	7 450
15. Halbert E. Gulley, Associate Professor..... A	8 500
16. James C. Kelly, Associate Professor..... A	7 650
17. Henry L. Mueller, Associate Professor..... A	7 950
18. Raymond E. Nadeau, Associate Professor..... A	7 750
19. Joseph W. Scott, Associate Professor, Supervisor of Dramatic Productions, and Director of University Theatre..... AY	10 000
20. Karl A. Windesheim, Associate Professor..... A	7 700
21. Clara M. Behringer, Assistant Professor..... B	6 800
22. Wayne E. Brockriede, Assistant Professor..... B	7 000
23. Kenneth Burns, Assistant Professor..... ZB45	2 922
(Total Salary)	(6 500)
(On leave with pay first semester 1959-60)	
24. Naomi W. Hunter, Assistant Professor..... B	6 000
25. Charles L. Hutton, Jr., Assistant Professor..... B	6 800
26. Lawrence W. Olson, Assistant Professor..... B	7 000
27. Genevieve Richardson, Assistant Professor..... B	6 200
(On leave with pay second semester 1959-60)	
28. Marie O. Shere, Assistant Professor..... B	6 250
29. Bernhard R. Works, Assistant Professor..... B	6 000
30. _____, Assistant Professor..... B	7 000
31. Mary H. Arbenz, Instructor..... D	6 000
32. Jane B. Archer, Instructor..... D	4 500
33. Frances L. Johnson, Instructor..... ZD50	2 750
(Total Salary)	(5 500)
34. Robert K. Simpson, Instructor..... D	5 250
35. Webster L. Smalley, Instructor..... D	6 000
36. 14.50 Full Time Equivalent Assistants..... E	52 880
37. 0.50 Full Time Equivalent Research Assistants..... DY	2 200
38. 0.60 Full Time Equivalent Assistants Nonrecurring..... E	(2 100)
Nonacademic Salaries	26 660
<i>Total, Salaries</i>	<u>(351 162)</u>
Wages.....	1 700

Expense, General	6 783
Expense, Speech Laboratory	2 700
Equipment	3 600
<i>Total, Wages, Expense, and Equipment</i>	(14 783)
<i>Total, Speech</i>	\$365 945

Speech Revolving

Account Number 12-32-75-170

Nonacademic Salaries	\$ 3 060
Expense	900
<i>Total, Speech Revolving</i>	\$ 3 960

Zoology

Account Number 00-32-79-100

1. James B. Kitzmiller, Chairman of Department..... B}	\$ 13 000
Professor..... A}	
2. L. A. Adams, Professor, <i>Emeritus</i> R	.....
3. F. B. Adamstone, Professor..... A	13 000
4. B. Vincent Hall, Professor..... A	9 700
5. C. G. Hartman, Professor, <i>Emeritus</i> R	.....
6. Donald F. Hoffmeister, Professor..... ZAY	.....
7. Lester Ingle, Professor..... A	9 500
8. S. Charles Kendeigh, Professor..... A	12 200
9. R. R. Kudo, Professor, <i>Emeritus</i> R	.....
10. Wilbur M. Luce, Professor..... A	9 200
(On leave with pay second semester 1959-60)	
11. David L. Nanney, Professor..... A	12 000
12. S. Meryl Rose, Professor..... A	12 700
13. V. E. Shelford, Professor, <i>Emeritus</i> R	.....
14. Hobart M. Smith, Professor..... A	9 800
15. Lyell J. Thomas, Professor..... A	11 000
16. John O. Corliss, Associate Professor..... A	8 700
17. Francis J. Kruidenier, Associate Professor..... A	8 300
18. Max R. Matteson, Associate Professor..... A	7 700
19. Hurst H. Shoemaker, Associate Professor..... A	7 300
(On leave without pay two years from September 1, 1958)	
20. Robert S. Bader, Assistant Professor..... B	7 100
21. Wesley J. Birge, Assistant Professor..... B	6 300
22. Ernest E. Provost, Assistant Professor..... D	(6 100)
(Paid from item 19)	
23. Joseph A. Tihen, Assistant Professor..... D	6 300
24. Michael J. Greenberg, Instructor..... D	6 000
25. _____, Histological Technician..... E	3 600
26. _____, Research Assistant..... E	3 600
27. 13.25 Full Time Equivalent Assistants..... E	47 800
28. 0.50 Full Time Equivalent Research Assistants..... DY	2 400
Nonacademic Salaries	30 887
<i>Total, Salaries</i>	(258 087)
Wages.....	3 300
Expense.....	25 500
Equipment.....	8 000
<i>Total, Wages, Expense, and Equipment</i>	(36 800)
<i>Total, Zoology</i>	\$294 887

Classical Museum

Account Number 00-32-81-100

1. John L. Heller, Curator..... ZA	.....
<i>Total, Salaries</i> .....	.....
Wages.....	\$ 1 500
Expense.....	200
Equipment.....	300
<i>Total, Wages, Expense, and Equipment</i>	(2 000)
<i>Total, Classical Museum</i>	\$ 2 000

European Culture Museum

Account Number 00-32-83-100

1. Florence Fletcher, Curator, <i>Emeritus</i>	R	\$	1 800
2. 0.50 Full Time Equivalent Assistants.....	E		(1 800)
<i>Total, Salaries</i>			1 500
Wages.....			150
Expense.....			450
Equipment.....			(2 100)
<i>Total, Wages, Expense, and Equipment</i>			\$ 3 900
<i>Total, European Culture Museum</i>			

Natural History Museum

Account Number 00-32-86-100

1. Donald F. Hoffmeister, Curator.....	ZAY	\$	11 000
Nonacademic Salaries			9 660
<i>Total, Salaries</i>			(20 660)
Wages.....			1 300
Expense.....			3 300
Equipment.....			2 100
<i>Total, Wages, Expense, and Equipment</i>			(6 700)
<i>Total, Natural History Museum</i>			\$ 27 360

COLLEGE OF PHYSICAL EDUCATION**General**

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Administration.....	\$ 30 620	\$17 050	\$ 47 670
Health and Safety Education.....	72 125	3 000	75 125
Physical Education for Men.....	245 305	23 600	268 905
Physical Education for Women.....	138 380	16 500	154 880
Recreation.....	71 060	5 700	76 760
Student Rehabilitation Center.....	48 440	12 650	61 090
<i>Total, General</i>	<u>\$605 930</u>	<u>\$78 500</u>	<u>\$684 430</u>

Restricted

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Physical Education Revolving.....		\$ 900	\$ 900
Estimated Endowment Income.....		100	100
<i>Total, Instruction</i>		(1 000)	(1 000)
<i>Organized Research</i>			
Estimated Private Gifts.....	\$ 3 000	6 000	9 000
<i>Extension and Public Services</i>			
Recreation Service Revolving.....		1 000	1 000
<i>Total, Restricted</i>	<u>\$ 3 000</u>	<u>\$ 8 000</u>	<u>\$ 11 000</u>

Administration

Account Number 00-36-01-100

1. S. C. Staley, Dean.....	ZBY	\$	18 000
2. Asbury C. Moore, Jr., Assistant to Dean.....	ZDY75		5 780
(Total Salary)			(7 700)
Nonacademic Salaries			6 840
<i>Total, Salaries</i>			(30 620)
Wages.....			3 150
Expense.....			9 900
Contingent.....			2 000
Convention Travel			1 700
Nonrecurring Unassigned			(1 000)
Equipment.....			300
<i>Total, Wages, Expense, and Equipment</i>			(17 050)
<i>Total, Administration</i>			\$ 47 670

Health and Safety Education

Account Number 00-36-05-100

1. Howard S. Hoyman, Professor of Health Education and Head of Department.....	A	\$ 13 700
2. A. E. Florio, Professor of Safety Education.....	A	11 500
3. George T. Stafford, Professor of Health Education... (Total Salary)	ZA75	8 625 (11 500)
4. Floyd E. Boys, Associate Professor of Health Education.....	AY	13 300
5. Gertrude B. Couch, Associate Professor of Health Education.....	A	7 875
6. Warren J. Huffman, Assistant Professor of Health Education... (Total Salary)	ZB25	2 125 (8 500)
7. Clyde A. Bridger, Lecturer in Health Education.....	E	.....
8. Isabelle M. Crawford, Lecturer in Health Education...	E	.....
9. Howard E. Hough, Jr., Lecturer in Health Education...	E	.....
10. E. L. Wittenborn, Jr., Lecturer in Health Education...	E	.....
11. Jobe L. Payne, Assistant in Health Education.....	E	4 900
12. 1.50 Full Time Equivalent Assistants.....	E	6 500
Nonacademic Salaries		3 600
Total, Salaries		(72 125)
Wages.....		290
Expense, General		2 400
Equipment.....		400
Total, Wages, Expense, and Equipment.....		(3 000)
Total, Health and Safety Education.....		\$ 75 125

Physical Education for Men

Account Number 00-36-10-100

1. C. O. Jackson, Professor and Head of Department....	A	\$ 12 350
2. T. K. Cureton, Jr., Professor..... (On leave with pay second semester 1959-60)	A	14 000
3. H. E. Kenney, Professor.....	A	11 200
4. Douglas R. Mills, Professor..... (Also paid \$18,900 by Athletic Association)	AY13	2 600
5. S. C. Staley, Professor.....	ZAY	.....
6. Raymond Eliot, Associate Professor..... (Also paid \$17,650 by Athletic Association)	A13	2 350
7. Alfred W. Hubbard, Associate Professor.....	A	9 000
8. R. E. Shelton, Associate Professor.....	AY	10 250
9. Burton A. Ingwersen, Associate Professor..... (Also paid \$12,250 by Athletic Association)	A25	2 150
10. Alan J. Barry, Assistant Professor.....	B	7 000
11. Howard J. Braun, Assistant Professor..... (Also paid \$6,200 by Athletic Association)	B50	3 400
12. Melvin C. Brewer, Assistant Professor..... (Also paid \$12,350 by Athletic Association)	B25	1 650
13. Harry A. Combes, Assistant Professor..... (Also paid \$11,350 by Athletic Association)	B20	1 650
14. Lee P. Eilbracht, Assistant Professor..... (Also paid \$9,050 by Athletic Association)	B25	1 950
15. Ralph E. Fletcher, Assistant Professor..... (Also paid \$8,700 by Athletic Association)	B50	3 900
16. L. T. Johnson, Assistant Professor..... (Also paid \$12,600 by Athletic Association)	B13	900
17. A. B. Klingel, Assistant Professor..... (Also paid \$8,350 by Athletic Association)	B25	1 900
18. H. C. Paterson, Assistant Professor.....	B	7 650
19. Buel R. Patterson, Assistant Professor..... (Also paid \$6,900 by Athletic Association)	B25	1 800
20. Richard H. Pohndorf, Assistant Professor.....	B	7 400

21. Charles P. Pond, Assistant Professor.....	B75	5 800
(Also paid \$2,800 by Athletic Association)		
22. E. J. Manley, Associate, <i>Emeritus</i>	R	.....
23. Richard A. Berger, Instructor.....	D	5 100
24. Edmund M. Bernauer, Instructor.....	D50	2 400
(Also paid \$3,100 by Athletic Association)		
25. Stanley R. Brown, Instructor.....	D50	2 400
26. Thomas F. Krizan, Instructor.....	D	6 150
27. Asbury C. Moore, Jr., Instructor.....	ZDY25	1 920
(Total Salary)		(7 700)
28. John T. Powell, Instructor.....	D75	4 500
29. Steve Sucic, Instructor.....	D25	1 650
(Also paid \$7,850 by Athletic Association)		
30. William A. Bynum, Jr., Assistant.....	E	5 150
31. Robert F. DeLaney, Assistant.....	E25	1 100
(Also paid \$4,600 by Athletic Association)		
32. J. Thomas Fisher, Assistant.....	E	4 650
33. Edward H. Heath, Assistant.....	ZE25	1 300
(Total Salary)		(5 200)
34. William L. Hottinger, Assistant.....	E	5 100
35. Robert L. Nicolette, Assistant.....	E13	750
(Also paid \$5,850 by Athletic Association)		
36. Brodie C. Westen, Jr., Assistant.....	E	4 650
37. Charles B. Studley, Assistant.....	E25	1 400
(Also paid \$7,000 by Athletic Association)		
38. William L. Tate, Assistant.....	E25	1 100
(Also paid \$5,600 by Athletic Association)		
39. James J. Valek, Assistant.....	E25	1 300
(Also paid \$6,900 by Athletic Association)		
40. 9.25 Full Time Equivalent Assistants.....	E	35 075
41. 1.00 Full Time Equivalent Research Assistants.....	DY	5 700
42. Summer Sport Fitness.....	G	5 350
Nonacademic Salaries		39 600
Total, Salaries		(245 305)
Wages.....		1 700
Expense, General		19 300
Equipment.....		2 600
Total, Wages, Expense, and Equipment.....		(23 600)
Total, Physical Education for Men.....		\$268 905

Physical Education Revolving

Account Number 12-36-10-170

Expense.....	\$ 900
Total, Physical Education Revolving.....	\$ 900

Physical Education for Women

Account Number 00-36-20-100

1. Laura J. Huelster, Professor and Head of Department	A	\$ 11 250
2. Louise Freer, Professor, <i>Emerita</i>	R	.....
3. Margaret Erlanger, Associate Professor.....	A	7 650
4. Ann E. Jewett, Associate Professor.....	ZA25	2 075
(Total Salary)		(8 300)
(On leave with pay second semester 1959-60)		
5. Carita Robertson, Associate Professor.....	A	8 500
6. Beulah J. Drom, Assistant Professor.....	B	6 550
7. Phyllis Jo Hill, Assistant Professor.....	ZB80	4 800
(Total Salary)		(6 000)
8. Ben B. Johnston, Jr., Assistant Professor.....	ZB33	2 230
(Total Salary)		(6 700)
(On leave with one-half pay 1959-60)		
9. Mary Florence Lawson, Assistant Professor, <i>Emerita</i>	R	.....
10. Enid Schnauber, Assistant Professor.....	ZB75	5 025
(Total Salary)		(6 700)

11. Olive G. Young, Assistant Professor.....	B	6 400
12. Martha A. Aly, Instructor.....	D	5 000
13. Florence P. Cullen, Instructor.....	D	6 350
14. M. Lorraine Flower, Instructor.....	D	6 250
15. Marjorie M. Harris, Instructor.....	D	5 550
16. Annelis S. Jensen, Instructor.....	D	5 500
17. Mary H. Slaughter, Instructor.....	D	4 800
18. Marjorie A. Souder, Instructor.....	D	5 400
19. Willis W. Ward, Jr., Instructor.....	D	5 100
20. Nancy J. Wilder, Instructor.....	D	5 000
21. Beverly D. Wilson, Instructor.....	D	5 050
22. 3.50 Full Time Equivalent Assistants.....	E	13 100
Nonacademic Salaries		16 800
<i>Total, Salaries</i>		(138 380)
Wages.....		2 900
Expense.....		11 200
Equipment.....		2 400
<i>Total, Wages, Expense, and Equipment</i>		(16 500)
<i>Total, Physical Education for Women</i>		\$154 880

Recreation

Account Number 00-36-25-100		
1. Charles K. Brightbill, Professor and Head of Department.....	A	\$ 14 550
(On leave with pay second semester 1959-60)		
2. Allen V. Sapora, Professor.....	A	9 800
3. Maxwell R. Garret, Assistant Professor.....	B75	5 150
(Also paid \$3,450 by Athletic Association)		
4. Howard E. Weaver, Assistant Professor.....	B	7 750
5. Mary V. Frye, Instructor.....	D	6 100
6. Edward H. Storey, Instructor.....	DY	7 850
7. 3.50 Full Time Equivalent Assistants.....	E	13 200
Nonacademic Salaries		6 660
<i>Total, Salaries</i>		(71 060)
Wages.....		1 950
Expense.....		3 400
Equipment.....		350
<i>Total, Wages, Expense, and Equipment</i>		(5 700)
<i>Total, Recreation</i>		\$ 76 760

Recreation Service Revolving

Account Number 12-36-25-470		
Expense.....		\$ 1 000
<i>Total, Recreation Service Revolving</i>		\$ 1 000

Student Rehabilitation Center

Account Number 00-36-30-100		
1. Timothy J. Nugent, Assistant Professor of Physical Education for Men.....	BY	\$ 9 400
2. Charles D. Elmer, Instructor in Physical Education for Men.....	DY	6 800
3. Dean Trembly, Instructor in Physical Education for Men.....	DY	6 000
4. ———, Instructor in Physical Education for Men.....	DY	6 000
5. 2.00 Full Time Equivalent Assistants.....	E	8 400
Nonacademic Salaries		11 840
<i>Total, Salaries</i>		(48 440)
Wages.....		7 000
Expense.....		5 250
Equipment.....		400
<i>Total, Wages, Expense, and Equipment</i>		(12 650)
<i>Total, Student Rehabilitation Center</i>		\$ 61 090

DIVISION OF UNIVERSITY EXTENSION

General		Wages, Ex- pense, and Equipment	Total
<i>Instruction</i>	<i>Salaries</i>		
Correspondence Courses.....	\$ 24 060	\$ 7 200	\$ 31 260
<i>Extension and Public Services</i>			
Administration.....	64 650	11 625	76 275
Conference Programs.....	27 570	4 500	32 070
Programs in Education.....	.....	2 000	2 000
Police Training Institute.....	13 600	12 700	26 300
Extramural Classes.....	84 245	231 105	315 350
Field Staff.....	28 200	10 500	38 700
Music Extension.....	42 300	4 900	47 200
Audio-Visual Aids.....	12 660	7 900	20 560
<i>Total, Extension and Public Services.....</i>	<i>(273 225)</i>	<i>(285 230)</i>	<i>(558 455)</i>
<i>Total, General.....</i>	<i>\$297 285</i>	<i>\$292 430</i>	<i>\$589 715</i>

Restricted		Wages, Ex- pense, and Equipment	Total
<i>Extension and Public Services</i>	<i>Salaries</i>		
Short Courses and Conferences Revolving....	\$ 9 360	\$142 500	\$151 860
Extramural Classes Revolving.....	.....	40 000	40 000
Music Extension.....	.....	45 000	45 000
Graphic Arts.....	63 540	210 200	273 740
Estimated Endowment Income.....	8 960	40	9 000
<i>Total, Extension and Public Services.....</i>	<i>(81 860)</i>	<i>(437 740)</i>	<i>(519 600)</i>
<i>Auxiliary Enterprise</i>			
Allerton House Operations.....	47 414	87 050	134 464
<i>Total, Restricted.....</i>	<i>\$129 274</i>	<i>\$524 790</i>	<i>\$654 064</i>

Administration

Account Number 00-40-01-400			
1. _____, Dean.....	ZBY70	\$ 11 550	
(Total Salary)		(16 500)	
2. Gerald C. Carter, Supervisor of Counseling and Testing	BY}		
Professor of Psychology.....	AY}	11 300	
3. Stanley C. Robinson, Associate Dean.....	ZBY	12 300	
4. Helen Farlow, Extension Specialist in Journalism.....	DY	7 900	
Nonacademic Salaries		21 600	
<i>Total, Salaries</i>		<i>(64 650)</i>	
Wages.....		1 925	
Expense.....		7 000	
Convention Travel		700	
Nonrecurring Unassigned		(1 000)	
Equipment.....		2 000	
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(11 625)</i>	
<i>Total, Administration</i>		<i>\$ 76 275</i>	

Correspondence Courses

Account Number 00-40-10-100			
1. Neil F. Garvey, Director.....	ZBY75	\$ 7 500	
(Total Salary)		(10 000)	
Nonacademic Salaries		16 560	
<i>Total, Salaries</i>		<i>(24 060)</i>	
Wages.....		400	
Expense.....		6 050	
Equipment.....		750	
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(7 200)</i>	
<i>Total, Correspondence Courses.....</i>		<i>\$ 31 260</i>	

Cooperative Investigations**STATE OF ILLINOIS — PUBLIC SAFETY AND FIRE PREVENTION**

Account Number 47-40-15-426

1. R. K. Newton, Supervisor of Fire Prevention in Extension.....	ZBY50	\$ 4 900
(Total Salary)		(9 800)
2. Samuel E. Crow, Extension Specialist.....	DY	7 500
3. Joseph I. Feters, Extension Specialist.....	DY	9 350
<i>Total, State of Illinois — Public Safety and Fire Prevention.....</i>		<i>\$ 21 750</i>

Conference Programs

Account Number 00-40-20-400

1. Norman W. Johnson, Supervisor of Short Courses and Conferences.....	ZBY50	\$ 6 250
Associate Professor of Adult Education.....	AY	
(Total Salary)		(12 500)
2. R. K. Newton, Supervisor of Engineering Extension with rank of Associate Professor.....	ZBY50	4 900
(Total Salary)		(9 800)
3. Romayne C. Wicklund, Extension Specialist.....	DY	6 500
4. Hugh M. Davison, Extension Specialist.....	ZDY88	6 800
(Total Salary)		(7 800)
Nonacademic Salaries		3 120
<i>Total, Salaries</i>		<i>(27 570)</i>
Wages.....		1 100
Expense.....		2 400
Expense, Programs in Education.....		2 000
Equipment.....		1 000
<i>Total; Wages, Expense, and Equipment.....</i>		<i>(6 500)</i>
<i>Total, Conference Programs.....</i>		<i>\$ 34 070</i>

Short Courses and Conferences Revolving

Account Number 12-40-20-470

Nonacademic Salaries	\$ 9 360
<i>Total, Salaries</i>	<i>(9 360)</i>
Wages.....	70 000
Expense.....	72 000
Equipment.....	500
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(142 500)</i>
<i>Total, Short Courses and Conferences Revolving.....</i>	<i>\$151 860</i>

Auxiliary — Allerton House Operation

Account Number 18-40-20-784

1. Norman W. Johnson, Director of Robert Allerton House.....	ZBY50	\$ 6 250
(Total Salary)		(12 500)
Nonacademic Salaries		41 164
<i>Total, Salaries</i>		<i>(47 414)</i>
Wages.....		21 000
Expense.....		60 350
Equipment.....		5 700
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(87 050)</i>
<i>Total, Auxiliary — Allerton House Operation.....</i>		<i>\$134 464</i>

Allerton Main House

Account Number 44-40-20-401

Nonacademic Salaries	\$ 8 960
Expense.....	40
<i>Total, Allerton Main House.....</i>	<i>\$ 9 000</i>

Police Training Institute

Account Number 00-40-22-400

1. Ervin H. Warren, Director.....	BY	\$ 9 900
2. Hugh M. Davison, Extension Specialist.....	ZDY12	1 000
(Total Salary)		(7 800)
Nonacademic Salaries		2 700
<i>Total, Salaries</i>		(13 600)
Wages.....		2 500
Expense.....		10 000
Equipment.....		200
<i>Total, Wages, Expense, and Equipment</i>		(12 700)
<i>Total, Police Training Institute</i>		\$ 26 300

Extramural Classes

Account Number 00-40-30-400

1. Scott B. York, Supervisor of Extramural Classes with rank of Associate Professor.....	BY	\$ 10 100
2. Herman Erickson, Professor of Labor and Industrial Relations.....	ZAY50	5 650
(Total Salary)		(11 300)
3. Homer L. Gammill, Professor of Industrial Psychology	ZAY50	5 500
(Total Salary)		(11 000)
4. Phillips L. Garman, Professor of Labor and Industrial Relations.....	ZAY25	3 550
(Total Salary)		(14 200)
5. John F. Humes, Professor of Industrial Psychology...	ZAY50	5 675
(Total Salary)		(11 350)
6. Daniel W. Snader, Professor of Education.....	ZA50	(4 200)
(Total Salary)		(8 400)
(On leave without pay three years from March 1, 1959)		
7. George T. Stafford, Professor of Physical Education..	ZA25	2 875
(Total Salary)		(11 500)
8. Earl C. Wolfe, Professor of Labor and Industrial Relations.....	ZAY50	5 825
(Total Salary)		(11 650)
9. Richard R. Marsh, Associate Professor of Food Technology.....	AY	10 150
10. Warren J. Huffman, Assistant Professor of Health Education.....	ZB25	2 125
(Total Salary)		(8 500)
11. Milferd Lieberthal, Assistant Professor of Labor and Industrial Relations	ZBY50	3 800
(Total Salary)		(7 600)
12. Olive C. DeBruler, Instructor in Library Science.....	ZD50	3 225
(Total Salary)		(6 450)
13. Robert L. Johnston, Extension Specialist.....	DY	8 700
Nonacademic Salaries		17 070
<i>Total, Salaries</i>		(84 245)
Wages.....		148 770
Wages, Nonacademic Courses.....		4 420
Expense.....		73 215
Equipment.....		4 700
<i>Total, Wages, Expense, and Equipment</i>		(231 105)
<i>Total, Extramural Classes</i>		\$315 350

Extramural Classes Revolving

Account Number 12-40-30-470

Wages.....	\$ 24 000
Expense.....	16 000
<i>Total, Extramural Classes Revolving</i>	\$ 40 000

Field Staff

Account Number 00-40-40-400

1. Walter V. Brown, Extension Specialist.....	DY	\$ 8 450
2. Arthur J. Proteau, Extension Specialist.....	DY	8 800
3. Fred W. Steuernagel, Extension Specialist.....	DY	7 650
Nonacademic Salaries		3 300
<i>Total, Salaries</i>		(28 200)
Expense.....		10 000
Equipment.....		500
<i>Total, Wages, Expense, and Equipment</i>		(10 500)
<i>Total, Field Staff</i>		<u>\$ 38 700</u>

Music Extension

Account Number 00-40-50-400

1. John Paul Painter, Director of Music Extension.....	ZBY	\$ 10 200
2. Thomas S. Richardson, Assistant to Director.....	ZBY	8 550
3. Gilbert R. Waller, Professor of Music Education.....	ZA50	4 600
(Total Salary)		(9 200)
4. Martin R. Rice, Extension Specialist.....	DY	6 200
Nonacademic Salaries		12 750
<i>Total, Salaries</i>		(42 300)
Wages.....		200
Equipment.....		1 000
Expense.....		3 700
<i>Total, Wages, Expense, and Equipment</i>		(4 900)
<i>Total, Music Extension</i>		<u>\$ 47 200</u>

Music Extension Revolving

Account Number 12-40-50-470

Expense.....	\$ 45 000
<i>Total, Music Extension Revolving</i>	<u>\$ 45 000</u>

Audio-Visual Aids

Account Number 00-40-60-400

1. Thomas H. Boardman, Supervisor of Audio-Visual Aids with rank of Assistant Professor.....	BY	\$ 9 000
Nonacademic Salaries		3 600
<i>Total, Salaries</i>		(12 600)
Expense.....		3 900
Equipment.....		4 000
<i>Total, Wages, Expense, and Equipment</i>		(7 900)
<i>Total, Audio-Visual Aids</i>		<u>\$ 20 500</u>

Graphic Arts Revolving

Account Number 12-40-60-470

Nonacademic Salaries	\$ 63 540
<i>Total, Salaries</i>	(63 540)
Wages.....	40 200
Expense.....	140 000
Equipment.....	30 000
<i>Total, Wages, Expense, and Equipment</i>	(210 200)
<i>Total, Graphic Arts Revolving</i>	<u>\$273 740</u>

COLLEGE OF VETERINARY MEDICINE**General**

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Administration.....	\$124 575	\$19 100	\$143 675
Contingent.....		3 000	3 000
Veterinary Anatomy and Histology.....	36 740	3 300	40 040
Veterinary Clinical Medicine.....	97 910	6 510	104 420
Veterinary Pathology and Hygiene.....	114 305	12 000	126 305
Veterinary Physiology and Pharmacology.....	31 090	3 500	34 590
<i>Total, General</i>	<u>\$404 620</u>	<u>\$47 410</u>	<u>\$452 030</u>

	Restricted	Wages, Ex- pense, and Equipment	Total
<i>Instruction</i>	<i>Salaries</i>		
Estimated U.S. Contracts.....	.....	\$ 5 000	\$ 5 000
<i>Organized Activities Relating to Instruction</i>			
Veterinary Clinic Revolving.....	\$ 9 720	50 000	59 720
<i>Organized Research</i>			
Estimated Private Gifts.....	3 000	2 000	5 000
Estimated U.S. Contracts.....	10 000	16 000	26 000
<i>Total, Organized Research</i>	<u>(13 000)</u>	<u>(18 000)</u>	<u>(31 000)</u>
<i>Total, Restricted</i>	<u>\$22 720</u>	<u>\$73 000</u>	<u>\$ 95 720</u>

Administration

Account Number 00-44-01-100			
1. C. A. Brandly, Professor and Dean.....	ZBY75	\$ 15 375	
(Total Salary)		(20 500)	
2. Robert Graham, Professor and Dean, <i>Emeritus</i>	R	.....
3. 0.50 Full Time Equivalent Assistant Editor.....	DY	2 860	
Nonacademic Salaries		106 340	
<i>Total, Salaries</i>		<u>(124 575)</u>	
Wages.....		6 400	
Expense.....		10 400	
Contingency.....		3 000	
Convention Travel		800	
Nonrecurring Unassigned		(1 000)	
Equipment.....		1 500	
<i>Total, Wages, Expense, and Equipment</i>		<u>(22 100)</u>	
<i>Total, Administration</i>		<u>\$146 675</u>	

Cooperative Investigations

U.S. PUBLIC HEALTH SERVICE E 2084

Account Number 46-44-01-366

1. Wilhelm F. Schaeffler, Instructor in Veterinary Pathology and Hygiene.....	ZDY17	\$ 975	
(Total Salary)		(4 350)	

Veterinary Anatomy and Histology

Account Number 00-44-10-100

1. L. E. St. Clair, Professor and Head of Department....	ZAY75	\$ 9 750	
(Total Salary)		(13 000)	
2. Ray D. Hatch, Professor.....	ZAY	.....
3. Richard A. Notzold, Instructor.....	DY	6 500	
4. Elizabeth J. Reeves, Instructor.....	DY	5 770	
5. A. H. Safanie, Instructor.....	ZDY90	8 370	
(Total Salary)		(9 300)	
6. Ernest V. Stromlund, Instructor.....	DY	6 350	
<i>Total, Salaries</i>		<u>(36 740)</u>	
Expense.....		2 300	
Equipment.....		1 000	
<i>Total, Wages, Expense, and Equipment</i>		<u>(3 300)</u>	
<i>Total, Veterinary Anatomy and Histology</i>		<u>\$ 40 040</u>	

Veterinary Clinical Medicine

Account Number 00-44-20-100

1. Loyd E. Boley, Professor and Head of Department....	ZAY	\$ 15 000	
2. Ray D. Hatch, Professor.....	ZAY	11 700	
3. Harry Hardenbrook, Jr., Professor.....	ZAY	11 700	
4. Alfred G. Schiller, Associate Professor.....	AY	11 500	
5. Bruce Brodie, Assistant Professor.....	BY	8 200	
6. Dragutin Maksic, Assistant Professor.....	BY	8 300	
7. John P. Manning, Assistant Professor.....	BY	8 200	

8. Lloyd C. Helper, Instructor.....	ZDY70	4 580
(Total Salary)		(6 500)
9. Merlin L. Kaerberle, Instructor.....	ZDY70	4 830
(Total Salary)		(6 900)
10. Thomas N. Phillips, Instructor.....	DY	7 600
11. Erwin Small, Instructor.....	DY	6 300
Total, Salaries		(97 910)
Expense.....		4 010
Equipment		2 500
Total, Wages, Expense, and Equipment.....		(6 510)
Total, Veterinary Clinical Medicine.....		\$104 420

Veterinary Clinic Revolving

Account Number 12-44-20-270

Nonacademic Salaries	\$ 9 720
Expense.....	50 000
Total, Veterinary Clinic Revolving.....	\$ 59 720

Veterinary Pathology and Hygiene

Account Number 00-44-30-100

1. J. O. Alberts, Professor and Head of Department.....	ZAY65	\$ 9 100
(Total Salary)		(14 000)
2. Paul D. Beamer, Professor.....	ZAY75	9 220
(Total Salary)		(12 300)
3. Loyd E. Boley, Professor.....	ZAY	.....
4. C. A. Brandly, Professor of Veterinary Microbiology and Public Health.....	ZAY	.....
5. Alvin B. Hoerlein, Professor.....	ZAY65	7 675
(Total Salary)		(11 700)
6. Norman D. Levine, Professor of Veterinary Parasitol- ogy.....	ZAY65	8 250
(Total Salary)		(12 700)
(On leave with pay six months from February 1, 1960)		
7. ———, Professor	AY	11 500
8. Deam H. Ferris, Associate Professor.....	ZAY	11 800
9. Manford E. Mansfield, Associate Professor of Veter- inary Extension	ZAY	.....
10. Adolf M. Watrach, Associate Professor.....	AY	9 150
11. George T. Woods, Associate Professor of Veterinary Extension.....	ZAY40	3 840
(Total Salary)		(9 600)
12. Lyle E. Hanson, Assistant Professor.....	ZBY13	1 350
(Total Salary)		(10 800)
13. Jesse R. Pickard, Assistant Professor.....	ZBY40	3 800
(Total Salary)		(9 500)
14. Harry E. Rhoades, Assistant Professor.....	BY	8 675
15. Thomas E. Fritz, Instructor.....	DY75	4 500
16. Virginia Ivens, Instructor.....	DY	5 670
17. D. R. Lingard, Instructor.....	DY	6 400
18. Raymond E. Olsen, Instructor.....	DY75	4 350
19. Wilhelm F. Schaeffler, Instructor.....	ZDY68	2 925
(Total Salary)		(4 350)
20. Richard M. Thomas, Instructor.....	DY	.....
21. ———, Instructor	DY25	1 400
22. Marion E. Compton, Assistant.....	DY	4 700
Total, Salaries		(114 305)
Expense.....		9 500
Equipment.....		2 500
Total, Wages, Expense, and Equipment.....		(12 000)
Total, Veterinary Pathology and Hygiene.....		\$126 305

Veterinary Physiology and Pharmacology

Account Number 00-44-40-100

1. Jesse Sampson, Professor and Head of Department..	ZAY70	\$ 8 540
(Total Salary)		(12 200)
2. Roger P. Link, Professor.....	ZAY90	10 980
(Total Salary)		(12 200)
3. Harry Hardenbrook, Jr., Professor.....	ZAY	.....
4. Elwood F. Reber, Professor.....	ZAY29	3 400
(Total Salary)		(11 700)
5. Denzil E. Dees, Instructor.....	ZDY35	2 370
(Total Salary)		(6 800)
6. Julius P. Kreier, Instructor.....	DY	5 800
7. Dean I. Newton, Instructor.....	ZDY	.....
Total, Salaries		(31 090)
Expense.....		2 500
Equipment.....		1 000
Total, Wages, Expense, and Equipment.....		(3 500)
Total, Veterinary Physiology and Pharmacology.....		\$ 34 590

ARMED FORCES**General**

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
Coordinator		\$ 1 800	\$ 1 800
Air Force Science.....	\$ 8 310	2 300	10 610
Military Science and Tactics.....	12 960	3 400	16 360
Naval Science.....	3 900	2 150	6 050
Total, General.....	\$25 170	\$ 9 650	\$34 820

Restricted

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
Air Force Uniform Improvements.....		\$ 700	\$ 700
Military Clothing and Equipment Revolving..		1 000	1 000
Military Uniforms Revolving.....		22 000	22 000
Army R.O.T.C. Improvements.....		800	800
Total, Restricted.....		\$24 500	\$24 500

Coordinator

Account Number 00-50-01-100		
1. Gordon N. Ray, Coordinator of Armed Forces.....	ZBY	.....
Expense.....		\$ 1 600
Equipment.....		200
Total, Coordinator		\$ 1 800

Air Force Science

Account Number 00-50-10-100		
1. Leonard J. Rohrs, Professor and Head of Department	AY	.....
2. Warner O. Brandenburg, Administrative Officer.....	DY10	600
Nonacademic Salaries		7 710
Total, Salaries		(8 310)
Expense.....		1 850
Equipment.....		450
Total, Wages, Expense, and Equipment.....		(2 300)
Total, Air Force Science.....		\$ 10 610

Air Force Uniform Improvements Revolving

Account Number 12-50-10-186		
Expense.....		\$ 700
Total, Air Force Uniform Improvements Revolving..		\$ 700

Military Science and Tactics

Account Number 00-50-30-100

1. _____, Professor and Head of Department.....	AY	\$	.....
2. James W. Leister, Adjutant, R.O.T.C.....	DY ¹⁰	\$	600
Nonacademic Salaries			12 360
<i>Total, Salaries</i>			(12 960)
Wages.....			100
Expense.....			2 700
Equipment.....			600
<i>Total, Wages, Expense, and Equipment</i>			(3 400)
<i>Total, Military Science and Tactics</i>		\$	16 360

Military Clothing and Equipment Revolving

Account Number 12-50-30-112

Expense.....	\$	1 000
<i>Total, Military Clothing and Equipment Revolving...</i>	\$	1 000

Military Uniforms Revolving

Account Number 12-50-30-186

Expense.....	\$	22 000
<i>Total, Military Uniforms Revolving.....</i>	\$	22 000

Army R.O.T.C. Improvements Revolving

Account Number 12-50-30-188

Expense.....	\$	800
<i>Total, Army R.O.T.C. Improvements Revolving.....</i>	\$	800

Naval Science

Account Number 00-50-40-100

1. Robert C. Knowles, Professor and Head of Department	AY	\$	.....
2. James M. Mason, Executive Officer.....	DY ¹⁰	\$	600
Nonacademic Salaries			3 300
<i>Total, Salaries</i>			(3 900)
Expense.....			1 850
Equipment.....			300
<i>Total, Wages, Expense, and Equipment</i>			(2 150)
<i>Total, Naval Science</i>		\$	6 050

INSTITUTE OF AVIATION**General**

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
Institute of Aviation	\$309 780	\$78 400	\$388 180
<i>Total, General</i>	\$309 780	\$78 400	\$388 180

Restricted

<i>Organized Activities Relating to Instruction</i>	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
Airport Revolving.....	\$ 46 240	\$235 000	\$281 240
Airplane Replacements.....	.....	60 000	60 000
<i>Total, Restricted</i>	\$ 46 240	\$295 000	\$341 240

Institute of Aviation

Account Number 00-52-10-100

1. Leslie A. Bryan, Director.....	ZBY	\$	19 500
2. Jesse W. Stonecipher, Chief Flight Instructor.....	DY		11 700
3. Robert L. Ayers, Assistant Chief Flight Instructor....	DY		9 550
4. Kermit B. Anderson, Instructor.....	DY		8 300
5. Lester B. Applegate, Instructor.....	DY		8 700

6. Thomas H. Bailey, Instructor.....	DY	7 050
7. Omer Benn, Instructor.....	DY	8 800
8. Donald R. Chalus, Instructor.....	DY	8 200
9. Thomas H. Gordon, Instructor.....	DY	8 000
10. Eugene L. Haak, Instructor.....	DY	10 050
11. Herman W. Linder, Instructor.....	DY	6 300
12. Robert D. McFerren, Instructor.....	DY	7 600
13. John Richard Mylin, Instructor.....	DY	8 250
14. Thomas R. Titus, Instructor.....	DY	7 000
15. William D. Trulock, Instructor.....	DY	8 100
16. George J. Wilson, Instructor.....	DY	7 900
17. Walter E. Ditzler, Supervisor of Aircraft Maintenance Curriculum.....	DY	11 700
18. Nelwin C. Grimm, Supervising Engineer.....	DY	11 550
19. 0.50 Full Time Equivalent Assistants.....	DY	3 600
Nonacademic Salaries		137 930
<i>Total, Salaries</i>		(309 780)
Wages.....		54 200
Expense		14 150
Convention Travel		50
Equipment.....		10 000
<i>Total, Wages, Expense, and Equipment</i>		(78 400)
<i>Total, Institute of Aviation</i>		\$388 180

Airport Revolving

Account Number 12-52-10-270		
1. Louis M. McNair, Instructor.....	DY	\$ 6 000
2. _____, Assistant	E	4 300
3. _____, Assistant	E	4 300
4. _____, Assistant	E	4 300
5. _____, Assistant	E	4 300
Nonacademic Salaries		23 040
<i>Total, Salaries</i>		(46 240)
Wages.....		20 000
Expense.....		215 000
<i>Total, Wages, Expense, and Equipment</i>		(235 000)
<i>Total, Airport Revolving</i>		\$281 240

Airplane Replacements Revolving

Account Number 12-52-10-272		
Equipment.....		\$ 60 000
<i>Total, Airplane Replacements Revolving</i>		\$ 60 000

INSTITUTE OF GOVERNMENT AND PUBLIC AFFAIRS

Account Number 00-56-10-300		
1. Gilbert Y. Steiner, Director.....	BY}	\$ 14 500
Research Professor	AY}	
2. Samuel K. Gove, Research Associate Professor.....	AY	10 000
3. Daniel J. Elazar, Research Assistant Professor.....	BY	7 500
4. Bruce B. Mason, Research Assistant Professor.....	BY	8 600
5. Thomas Page, Research Assistant Professor.....	ZBY80	6 960
(Total Salary)		(8 700)
6. 1.47 Full Time Equivalent Research Assistants.....	E	5 450
Nonacademic Salaries		9 150
<i>Total, Salaries</i>		(62 160)
Wages.....		500
Expense		8 900
Convention Travel		250
Equipment.....		100
<i>Total, Wages, Expense, and Equipment</i>		(9 750)
<i>Total, Institute of Government and Public Affairs</i> ...		\$ 71 910

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>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
<i>Organized Research</i>	<i>Salaries</i>		
Institute of Labor and Industrial Relations....	\$237 760	\$22 700	\$260 460
<i>Total, General.....</i>	<i>\$237 760</i>	<i>\$22 700</i>	<i>\$260 460</i>

Restricted		<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
<i>Organized Research</i>	<i>Salaries</i>		
Research Publications Revolving.....		\$ 2 500	\$ 2 500
Revolving General.....		1 100	1 100
Estimated Private Gifts.....	\$4 500	6 500	11 000
Estimated Private Gifts.....	4 000	6 000	10 000
<i>Total, Restricted.....</i>	<i>\$8 500</i>	<i>\$16 100</i>	<i>\$24 600</i>

Institute of Labor and Industrial Relations

Account Number 00-60-10-300

1. Martin Wagner, Director.....	BY}	\$ 16 500
Professor.....	AY}	
2. W. Ellison Chalmers, Professor of Economics.....	ZAY	14 100
3. Milton Derber, Professor.....	AY	14 200
4. Murray J. Edelman, Professor of Political Science....	ZAY45	5 085
(Total Salary).....		(11 300)
(Includes full time in summer)		
5. Herman Erickson, Professor.....	ZAY50	5 650
(Total Salary).....		(11 300)
6. Homer L. Gammill, Professor of Industrial Psychology	ZAY50	5 500
(Total Salary).....		(11 000)
7. Phillips L. Garman, Professor.....	ZAY75	10 650
(Total Salary).....		(14 200)
8. John F. Humes, Professor of Industrial Psychology..	ZAY50	5 675
(Total Salary).....		(11 350)
9. W. H. McPherson, Professor of Economics.....	ZAY	13 650
10. Earl C. Wolfe, Professor.....	ZAY50	5 825
(Total Salary).....		(11 650)
11. _____, Professor of Psychology.....	A60	6 600
12. Margaret K. Chandler, Associate Professor of Sociol- ogy.....	ZA50	3 750
(Total Salary).....		(7 500)
(On leave without pay)		
13. Bernard Karsh, Associate Professor of Sociology....	ZAY75	7 070
(Total Salary).....		(9 400)
14. Solomon B. Levine, Associate Professor.....	AY	10 100
15. Hjalmar Rosen, Associate Professor of Psychology...	ZAY45	4 650
(Total Salary).....		(10 350)
(Includes full time in summer)		
16. Andrew J. Wann, Associate Professor.....	AY	9 350
(On leave with pay first semester 1959-60)		
17. Richard C. Wilcock, Associate Professor.....	AY	10 100
18. Barbara D. Dennis, Editor with rank of Assistant Pro- fessor.....	BY	7 550
19. Gilbert E. Donahue, Librarian with rank of Assistant Professor.....	ZBY50	3 725
(Total Salary).....		(7 450)
20. Walter H. Franke, Assistant Professor.....	BY	7 700

21. Milferd Lieberthal, Assistant Professor.....	ZBY50	3 800
(Total Salary)		(7 600)
22. Stanley Stark, Assistant Professor of Psychology.....	ZBY73	5 910
(Total Salary)		(8 100)
23. Harry C. Triandis, Assistant Professor of Psychology.....	ZBY45	3 960
(Total Salary)		(8 800)
24. 4.00 Full Time Equivalent Research Assistants.....	E	14 400
25. 0.50 Full Time Equivalent Library Assistants.....	DY	2 200
26. 2.00 Summer Research Assistants.....	G	1 600
Nonacademic Salaries		38 460
<i>Total, Salaries</i>		(237 760)
Wages.....		3 000
Expense		16 200
Convention Travel		1 000
Equipment		2 500
<i>Total, Wages, Expense, and Equipment</i>		(22 700)
<i>Total, Institute of Labor and Industrial Relations</i>		\$260 460

Research Publications Revolving

Account Number 12-60-10-370	
Expense	\$ 2 500
<i>Total, Research Publications Revolving</i>	\$ 2 500

Revolving General

Account Number 12-60-10-372	
Expense	\$ 1 100
<i>Total, Revolving General</i>	\$ 1 100

SCHOOL OF SOCIAL WORK

Account Number 00-68-10-100		
1. Marietta Stevenson, Director.....	BY	\$ 15 200
Professor.....	AY	
2. W. Paul Simon, Assistant Director.....	BY	13 200
Professor.....	AY	
3. Jennette R. Gruener, Professor.....	A	9 300
4. Florence L. Poole, Professor.....	A	10 400
5. Donald E. Lathroe, Associate Professor.....	A	9 800
6. James E. McDonald, Associate Professor.....	A	8 750
7. Carol H. Preucil, Associate Professor.....	AY	....
(See Chicago Professional Colleges)		
8. D. Katharine Rogers, Associate Professor.....	A	8 750
9. William Schwartz, Associate Professor.....	A	8 850
10. David E. Tanenbaum, Associate Professor.....	AY	10 700
11. Mary C. Reese, Assistant Professor.....	B	7 500
12. 0.50 Full Time Equivalent Assistants.....	E	1 800
Nonacademic Salaries		19 740
Total, Salaries		(123 990)
Wages, Including Lecturers.....		5 000
Expense.....		12 000
Convention Travel		600
Equipment		1 600
Total, Wages, Expense, and Equipment.....		(19 200)
Total, School of Social Work.....		\$143 190

Cooperative Investigations

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE G 45
Account Number 46-68-10-118

1. Margaret G. Holden, Consultant with rank of Associate Professor.....	DY	\$ 8 550
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U.S. PUBLIC HEALTH SERVICE 2M 6344
Account Number 46-68-10-166

1. Francis P. Purcell, Consultant with rank of Associate Professor.....	DY	\$ 8 550
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DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

Account Number 00-70-10-100

1. Frank A. Bridgewater, Director.....	DY	\$ 11 000
2. 0.50 Full Time Equivalent Counselors.....	DY	2 300
Nonacademic Salaries		2 700
<i>Total, Salaries</i>		(16 000)
Wages.....		1 000
Expense.....		1 100
Equipment.....		400
<i>Total, Wages, Expense, and Equipment</i>		(2 500)
<i>Total, Division of Special Services for War Veterans.</i>		\$ 18 500

SUMMER SESSION**Administration**

Account Number 00-72-01-100

1. ———, Dean	ZBY30	\$ 4 950
(Total Salary)		(16 500)
2. Summer Instruction		748 000
Nonacademic Salaries		5 040
<i>Total, Salaries</i>		(757 990)
Wages, Forestry		720
Wages, Recreation		1 350
Wages, Education		800
Expense, Administration		4 680
Expense, Civil Engineering Camp.....		7 250
Expense, Education		1 600
Expense, Forestry		1 800
Expense, Geography		300
Expense, Music		9 000
Expense, Recreation		850
Expense, Summer Theatre.....		1 200
Expense, Debaters' Workshop.....		450
Equipment.....		300
<i>Total, Wages, Expense, and Equipment</i>		(30 300)
<i>Total, Summer Session — Administration</i>		\$788 290

UNIVERSITY PRESS

Account Number 00-78-10-400

1. Miodrag Muntyan, Director.....	BY}	\$ 14 200
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	12 000
4. Helen S. Sutherland, Editor with rank of Assistant Professor.....	BY	8 700
5. Rachel E. Anderson, Assistant Editor.....	DY	6 250
6. Mary Ruth Kelley, Production Editor.....	DY	7 800
7. Henry Ponleithner, Jr., Sales Manager.....	DY	9 700
8. Herbert L. Sterrett, Art Editor.....	DY	8 800
Nonacademic Salaries		28 503
<i>Total, Salaries</i>		(95 953)
Wages.....		200
Expense		5 400
Convention Travel		250
Equipment		500
<i>Total, Wages, Expense, and Equipment</i>		(6 350)
<i>Total, University Press</i>		\$102 303

Print Shop

Account Number 09-78-10-968

1. C. E. Herman, Superintendent.....	DY	\$ 13 100
<i>Total, Print Shop</i>		\$ 13 100

University Press Revolving

Account Number 12-78-10-470

Nonacademic Salaries	\$ 1 260
Expense	84 000
<i>Total, University Press Revolving.....</i>	<i>\$ 85 260</i>

INTERNATIONAL COOPERATION PROGRAMS

U.S. — India North Central Region

Account Number 46-79-10-444

1. Ralph C. Hay, Coordinator of International Cooperation Programs.....	ZAY	\$ 12 300
2. R. W. Jugenheimer, Assistant Coordinator.....	ZDY25	3 125
(Total Salary)		(12 500)
3. Leslie E. Card, Professor of Animal Science and Group Leader of Agricultural Research and Development....	ZFY	18 400
(Two years from November 1, 1957)		
4. Everett A. Keyes, Professor of Animal Science.....	FY	10 350
(Two years from January 1, 1958)		
5. Warren R. Schoonover, Professor of Soils.....	BY	16 000
<i>Total, U.S. — India North Central Region.....</i>		<i>\$ 60 175</i>

LIBRARY AND GRADUATE SCHOOL OF LIBRARY SCIENCE

General

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Library School.....	\$ 109 445	\$ 6 900	\$116 345
<i>Libraries</i>			
University Library Administration.....	89 160	633 300	722 460
Midwest Inter-Library Corporation.....		10 038	10 038
Acquisition Department.....	142 660		142 660
Catalog Department.....	189 075		189 075
Serials Department.....	162 310		162 310
Circulation Department.....	89 150		89 150
Departmental Libraries.....	388 750		388 750
Reference Department.....	53 400		53 400
<i>Total, Libraries.....</i>	<i>(1 114 505)</i>	<i>(643 338)</i>	<i>(1 757 843)</i>
<i>Total, General.....</i>	<i>\$1 223 950</i>	<i>\$650 238</i>	<i>\$1 874 188</i>

Restricted

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Library Trends Revolving.....	\$4 500	\$ 8 000	\$12 500
<i>Libraries</i>			
Microfilm Revolving.....	2 760	3 500	6 260
<i>Total, Restricted.....</i>	<i>\$7 260</i>	<i>\$11 500</i>	<i>\$18 760</i>

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 }	\$ 13 800
4. Anne M. Boyd, Professor, <i>Emerita</i>	R	
5. Thelma Eaton, Professor.....	A	9 600
6. Frances B. Jenkins, Professor.....	A	10 900
7. Rose B. Phelps, Professor, <i>Emerita</i>	R	
8. Clarence W. Stone, Professor.....	A	9 100
(On leave without pay 1959-60)		
9. Donald E. Strout, Professor.....	A	9 000

10. Ethel Bond, Associate Professor, <i>Emerita</i>	R	.....
11. Harold Goldstein, Visiting Associate Professor.....	D	(9 000)
(Paid from item 8)		
12. Marie M. Hostetter, Associate Professor.....	A	7 500
13. William Vernon Jackson, Associate Professor.....	A	9 200
14. Alice Lohrer, Associate Professor.....	A	8 000
15. Olive C. DeBruler, Instructor.....	ZD50	3 225
(Total Salary)		(6 450)
16. _____, Assistant	DY	5 000
17. 2.00 Full Time Equivalent Assistants.....	E	7 500
18. 0.50 Full Time Equivalent Research Assistants.....	E	1 800
Nonacademic Salaries		14 820
Total, Salaries		(109 445)
Wages.....		500
Expense		5 600
Convention Travel		600
Equipment		200
Total, Wages, Expense, and Equipment.....		(6 900)
Total, Graduate School of Library Science.....		\$116 345

Library Trends Revolving

Account Number 12-80-05-146

Nonacademic Salaries	\$ 4 500
Expense	8 000
Total, Library Trends Revolving.....	\$ 12 500

Library**Administration**

Account Number 00-80-10-500

1. R. B. Downs, Dean and Professor.....	ZBY	\$ 19 500
2. P. L. Windsor, Director and Professor, <i>Emeritus</i>	ZRA	.....
3. Arnold H. Trotter, Associate Director of Technical Departments.....	BY}	
Professor.....	AY}	13 700
4. Lucien W. White, Associate Director of Public Service Departments.....	BY}	
Professor.....	AY}	13 000
5. Mary Lois Bull, Personnel Librarian with rank of Associate Professor	AY	9 600
6. Robert F. Delzell, Library Administrative Assistant with rank of Associate Professor.....	AY	9 600
7. Josie B. Houchens, Assistant Librarian and Associate Professor, <i>Emerita</i>	R	.....
Nonacademic Salaries		23 760
Total, Salaries		(89 160)
Wages.....		125 100
Expense		41 000
Midwest Interlibrary Corporation.....		10 038
Convention Travel		2 200
Nonrecurring Unassigned		(3 000)
Equipment		10 000
Library Additions		455 000
Additions, Nonrecurring		(10 000)
Total, Wages, Expense, and Equipment.....		(643 338)
Total, Administration		\$732 498

MICROFILM REVOLVING

Account Number 12-80-10-552

Nonacademic Salaries	\$ 2 760
Expense	3 500
Total, Microfilm Revolving.....	\$ 6 260

Acquisition Department

Account Number 00-80-20-500

1. Helen M. Welch, Acquisition Librarian and Associate Professor.....	AY	\$ 9 600
2. Alma DeJordy, Consultant in Bibliography with rank of Associate Professor.....	AY	9 150
3. Willia K. Garver, Assistant Librarian and Associate Professor, <i>Emerita</i>	R	.....
4. Alice J. Appell, Assistant Acquisition Librarian with rank of Assistant Professor.....	BY	7 500
5. Esther M. Clausen, Documents Librarian with rank of Assistant Professor	BY	7 350
6. Kathleen M. Ruckman, Gift and Exchange Librarian with rank of Assistant Professor.....	BY	7 350
7. Thomas E. Parks, Bibliographer with rank of Instructor	DY	5 800
8. Marilyn Satterlee, Bibliographer with rank of Instructor	DY	5 800
9. Patricia J. Sullivan, Bibliographer with rank of Instructor.....	DY	5 800
10. Roy N. Van Note, Bibliographer with rank of Instructor	DY	5 600
11. James B. Watts, Bibliographer with rank of Instructor	DY	5 800
12. Allan M. Wilson, Bibliographer with rank of Instructor	DY	5 800
13. Donald J. Raven, Acquisition Assistant.....	DY	5 000
14. Ruth E. Wills, Acquisition Assistant.....	DY	5 100
15. _____, Acquisition Assistant.....	DY	4 500
16. 0.50 Full Time Equivalent Assistants.....	DY	2 500
Nonacademic Salaries		50 010
<i>Total, Acquisition Department.....</i>		<i>\$142 660</i>

Catalog Department

Account Number 00-80-30-500

1. Marian Harman, Catalog Librarian and Associate Professor.....	AY	\$ 9 700
2. Louise F. Lodge, Assistant Catalog Librarian with rank of Assistant Professor.....	BY	7 700
3. Betty M. E. Croft, Catalog Reviser with rank of Assistant Professor	BY	7 500
4. C. U. Faye, Bibliographic Consultant with rank of Assistant Professor, <i>Emeritus</i>	R	.....
5. Edith C. Jones, Cataloger with rank of Assistant Professor.....	ZBY50	3 675
(Total Salary)		(7 350)
6. Clarissa O. Lewis, Cataloger with rank of Assistant Professor.....	BY	7 350
7. Cleo Lichtenberger, Catalog Reviser with rank of Assistant Professor, <i>Emerita</i>	R	.....
8. Edith M. Marshall, Catalog Reviser with rank of Assistant Professor	BY	7 350
9. Ann M. Potter, Catalog Reviser with rank of Assistant Professor.....	BY	7 600
10. Katherine M. Wheeler, Catalog Reviser with rank of Assistant Professor, <i>Emerita</i>	R	.....
11. Dorothy B. Clark, Cataloger with rank of Instructor...	DY	5 800
12. Edythe J. Kirk, Cataloger with rank of Instructor.....	DY	6 200
13. Lellia S. McLaughlin, Cataloger with rank of Instructor, <i>Emerita</i>	R	.....
14. Herbert Lyman Searcy, Cataloger with rank of Instructor.....	DY	6 200
15. Florence M. Sheehan, Cataloger with rank of Instructor	DY	5 500
16. _____, Cataloger with rank of Instructor.....	DY	6 200
17. Barbara J. Bucknall, Catalog Assistant.....	DY	5 000
18. Howard L. Dunlap, Catalog Assistant.....	DY	5 000
19. Jean S. Sauer, Catalog Assistant.....	DY	5 100

20. _____, Catalog Assistant.....	DY	4 800
21. _____, Catalog Assistant.....	DY	4 800
22. _____, Catalog Assistant.....	DY	4 800
23. 2.00 Full Time Equivalent Assistants.....	DY	9 200
Nonacademic Salaries		69 600
<i>Total, Catalog Department</i>		\$189 075

Circulation Department

Account Number 00-80-40-500

1. Robert W. Oram, Circulation Librarian and Associate Professor.....	AY	\$ 9 450
2. Margaret Jean Lokke, Assistant Circulation Librarian with rank of Assistant Professor.....	BY	7 550
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	5 800
6. Myra Lytle, Extramural Loans Librarian with rank of Instructor.....	DY	5 800
7. Cecelia McCarthy, Extension Loans Librarian with rank of Instructor	DY	5 850
8. Dwight O. Tuckwood, Bookstacks Librarian with rank of Instructor	DY	6 850
9. 3.00 Full Time Equivalent Assistants.....	DY	13 800
Nonacademic Salaries		34 050
<i>Total, Circulation Department</i>		\$ 89 150

Departmental Libraries

Account Number 00-80-50-500

1. Lyle E. Bamber, Natural History Librarian and Associate Professor	AY	\$ 9 450
2. D. A. Brown, Agriculture Librarian and Associate Professor.....	AY	9 450
3. Bernita J. Davies, Law Librarian and Associate Professor.....	AY	10 000
4. Ruth T. Power, Chemistry Librarian and Associate Professor	AY	9 450
5. Cerilla E. Saylor, Architecture Librarian and Associate Professor.....	AY	9 450
6. Joseph Allen, Music Librarian and Assistant Professor	BY	7 350
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	7 550
9. Eleanor Blum, Journalism Librarian with rank of Assistant Professor	BY	7 350
10. Pauline A. Carleton, Assistant Law Librarian with rank of Assistant Professor.....	BY	7 350
11. Leonard Coburn, Engineering Librarian and Assistant Professor.....	BY	7 950
12. Gilbert E. Donahue, Labor and Industrial Relations Librarian with rank of Assistant Professor.....	ZBY ⁵⁰	3 725 (7 450)
(Total Salary)		
13. Marian T. Estep, Veterinary Medicine Librarian with rank of Assistant Professor.....	BY	7 550
14. Isabelle F. Grant, Rare Book Room Librarian with rank of Assistant Professor.....	BY	7 550
15. Florence M. Harding, German and Romance Languages Librarian with rank of Assistant Professor.....	BY	7 550

16. Icko Iben, Newspaper Librarian and Archivist with rank of Assistant Professor.....	BY	7 350
17. Edith C. Jones, Classics Librarian with rank of Assistant Professor.....	ZBY ₅₀	3 675
(Total Salary)		(7 350)
18. Mary Jane MacDonald, Commerce Librarian with rank of Assistant Professor.....	BY	7 550
19. Helen M. Reynolds, Assistant Architecture Librarian with rank of Assistant Professor.....	BY	7 550
20. Nelle M. Signor, History and Political Science Librarian and Assistant Professor, <i>Emerita</i>	R	.....
21. Robert C. White, Map and Geography Librarian with rank of Assistant Professor.....	BY	7 350
22. Jo Ann Wiles, Library School Librarian and Assistant Professor.....	BY	7 550
23. Winifred M. Alleman, Agriculture Library Assistant with rank of Instructor.....	DY	5 800
24. Avis A. Ball, Home Economics Librarian with rank of Instructor.....	DY	6 150
25. Sally A. Cassidy, Illini Union Browsing Room Librarian with rank of Instructor.....	DY	5 850
26. Robert W. Cryder, Law Library Assistant with rank of Instructor.....	DY	6 100
27. Barbara E. Davis, Music Library Assistant with rank of Instructor.....	DY	5 500
28. Dorothy A. Foulk, Law Library Assistant with rank of Instructor.....	DY	5 700
29. Hallet Gildersleeve, Undergraduate Librarian with rank of Instructor	DY	6 500
30. Sylvia C. Gilmore, Browsing Room Librarian with rank of Instructor	DY	5 800
31. Pearce S. Grove, Education, Philosophy, and Psychology Library Assistant with rank of Instructor.....	DY	5 900
32. Edward G. Holley, Education, Philosophy, and Psychology Librarian with rank of Instructor.....	DY	7 000
33. Audrey Iversen, Geology Librarian with rank of Instructor.....	DY	5 850
34. Marjorie E. Miller, University High School Librarian and Instructor	ZDY	6 400
35. Fleming Montgomery, Natural History Library Assistant with rank of Instructor.....	DY	5 850
36. Theo Nelson, Physical Education Librarian with rank of Instructor	DY	6 250
37. Fina C. Ott, Commerce and Sociology Librarian with rank of Instructor, <i>Emerita</i>	R	.....
38. Beverly J. Peterson, Commerce and Sociology Library Assistant with rank of Instructor.....	DY	5 800
39. Richard G. Smith, Undergraduate Library Assistant with rank of Instructor.....	DY	6 000
40. Eunice Toussaint, History and Political Science Librarian with rank of Instructor.....	DY	6 500
41. Mary A. Vance, City Planning and Landscape Architecture Librarian with rank of Instructor.....	DY	6 450
42. Richard D. Walker, Physics Librarian with rank of Instructor.....	DY	6 500
43. E. S. Warrick, Mathematics Librarian with rank of Instructor.....	DY	5 700
44. Helen J. Wooley, Rare Book Room Assistant with rank of Instructor	DY	5 500
45. ———, Library Assistant with rank of Instructor.....	DY	5 500
46. Nancy L. Heater, Architecture Library Assistant.....	DY	5 050
47. Ruth V. Johnson, Engineering Library Assistant.....	DY	5 000

48. Martha Landis, Undergraduate Library Assistant.....	DY	4 900
49. —————, Chemistry Library Assistant.....	DY	4 800
50. 1.00 Full Time Equivalent Assistants.....	DY	4 600
Nonacademic Salaries		79 050
<i>Total, Departmental Libraries.....</i>		<i>\$388 750</i>

Reference Department

Account Number 00-80-60-500

1. T. E. Ratcliffe, Jr., Reference Librarian and Associate Professor.....	AY	\$ 9 450
2. Dorothy M. Black, Associate Reference Librarian with rank of Assistant Professor.....	BY	8 000
3. Fanny Dunlap, Reference Librarian and Assistant Professor, <i>Emerita</i>	R	.....
4. Alice S. Johnson, Reference Librarian and Assistant Professor, <i>Emerita</i>	R	.....
5. Doris Jean Probst, Assistant Reference Librarian with rank of Instructor.....	DY	6 150
6. Sabron L. Reynolds, Assistant Reference Librarian with rank of Instructor.....	DY	5 950
7. Francis Rodgers, Assistant Reference Librarian with rank of Instructor.....	DY	5 750
8. Joyce C. Werner, Assistant Reference Librarian with rank of Instructor.....	DY	5 900
9. Elizabeth A. Benbrook, Reference Assistant Librarian..	DY	4 800
10. 0.50 Full Time Equivalent Assistants.....	DY	2 300
Nonacademic Salaries		5 100
<i>Total, Reference Department.....</i>		<i>\$ 53 400</i>

Serials Department

Account Number 00-80-35-500

1. William H. Huff, Serials Librarian and Associate Professor.....	AY	\$ 9 150
2. Rebecca Briggs, Assistant Serials Librarian with rank of Assistant Professor.....	BY	7 500
3. Esther W. Anell, Bibliographer and Serials Consultant with rank of Assistant Professor.....	BY	7 350
4. Warren Albert, Binding Librarian with rank of Instructor.....	DY	6 600
5. Charlotte S. Ayers, Serials Cataloger with rank of Instructor.....	DY	5 500
6. Ruth A. Bedford, Serials Reviser with rank of Instructor.....	DY	5 850
7. Norman B. Brown, Serials Reviser with rank of Instructor.....	DY	6 200
8. Sally T. Burg, Serials Cataloger with rank of Instructor	DY	6 000
9. Lily C. Gara, Bibliographer with rank of Instructor....	DY	5 600
10. Betty J. Halstead, Serials Cataloger with rank of Instructor.....	DY	5 800
11. F. E. Mansfield, Jr., Serials Cataloger with rank of Instructor.....	DY	5 500
12. Irene L. Phillippe, Bibliographer with rank of Instructor	DY	5 600
13. Ruth Simmelink, Bibliographer with rank of Instructor	DY	5 800
14. May Smith, Serials Cataloger with rank of Instructor, <i>Emerita</i>	R	.....
15. —————, Serials Reviser with rank of Instructor...	DY	5 500
16. Philip W. Lindell, Binding Assistant.....	DY	5 200
17. Virginia Rubinstein, Serials Assistant.....	DY	4 800
18. —————, Serials Assistant.....	DY	4 800
19. 1.00 Full Time Equivalent Assistants.....	DY	4 600
Nonacademic Salaries		54 960
<i>Total, Serials Department.....</i>		<i>\$162 310</i>

PHYSICAL PLANT

General

	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
Administration.....	\$168 690	\$ 39 150	\$ 207 840
Renewal and Replacement Administration.....		2 000	2 000
Building Operation.....	21 610	1 130 950	1 152 560
Fire Prevention and Safety.....	8 000	188 550	196 550
Renewal and Replacement.....		1 450	1 450
Police and Watchmen.....	4 905	185 250	190 155
Renewal and Replacement.....		2 250	2 250
Building Maintenance.....	41 460	653 500	694 960
Renewal and Replacement.....		178 934	178 934
General Maintenance.....	17 310	379 425	396 735
Renewal and Replacement.....		6 400	6 400
Grounds.....	12 450	200 200	212 650
Renewal and Replacement.....		25 500	25 500
Transportation.....	3 850	113 800	117 650
Renewal and Replacement.....		6 500	6 500
Heat, Light, and Power.....	43 740	870 400	914 140
Renewal and Replacement.....		10 700	10 700
Water Station.....	7 240	91 500	98 740
Illini Union Building.....		40 120	40 120
President's House.....		7 580	7 580
Replacements.....		3 500	3 500
Prevailing Wage Rate Unassigned.....		295 000	295 000
Reservations and Information.....	10 305	2 005	12 310
Telephone, Chicago Lines.....		6 000	6 000
<i>Total, General.....</i>	<i>\$339 560</i>	<i>\$4 440 664</i>	<i>\$4 780 224</i>

Restricted

	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
<i>Physical Plant</i>			
Estimated Indirect Cost.....		\$ 5 000	\$ 5 000
<i>Auxiliary Enterprises</i>			
Alpha House.....	\$ 1 250	6 667	7 917
Arbor Suites.....	12 020	109 612	121 632
Beta House.....	1 250	8 441	9 691
Gamma House.....	1 250	6 643	7 893
Parade Grounds.....		7 943	7 943
Temporary Family Housing.....	47 660	212 131	259 791
Trust, Busey-Evans Halls.....	31 730	299 869	331 599
Trust, Allen Hall.....	28 550	594 699	623 249
Trust, Lincoln Avenue Residence.....	42 760	460 388	503 148
Trust, Men's Residence Halls.....	19 270	784 221	803 491
Trust, Men's Residence Halls Additions			
Three and Four.....		169 817	169 817
Trust, First and Gregory Halls.....	23 700	1 455 850	1 479 550
National Homes Staff Housing.....		29 005	29 005
Permanent Staff Housing.....		33 922	33 922
Trust, Goodwin Avenue Apartments Operation.....		103 437	103 437
Trust, Green Street Apartments Operation.....		84 668	84 668
Trust, Race and Florida Operation.....		45 721	45 721
Illini Union			
General Building.....	100 705	358 063	458 768
Food Service.....	79 740	701 977	781 717
Billiards.....	1 500	8 841	10 341
Bowling Alleys.....	4 500	25 586	30 086
Bookstore.....	19 500	590 441	609 941
<i>Total, Auxiliary Enterprises.....</i>	<i>(415 385)</i>	<i>(6 097 942)</i>	<i>(6 513 327)</i>
<i>Total, Restricted.....</i>	<i>\$415 385</i>	<i>\$6 102 942</i>	<i>\$6 518 327</i>

Administration

Account Number 00-82-01-600		
1. C. S. Havens, Director.....	BY	\$ 20 000
2. John Doak, Superintendent of Buildings and Grounds	BY	15 500
3. Ernest L. Stouffer, Architect.....	BY	15 000
4. James V. Edsall, Planning Coordinator with rank of Assistant Professor	BY	10 000
5. Donald C. Neville, Research Specialist with rank of Assistant Professor	BY	7 500
Nonacademic Salaries		100 600
<i>Total, Salaries</i>		(168 600)
Wages.....		20 100
Expense		18 800
Convention Travel		250
Renewals and Replacements.....		2 000
<i>Total, Wages, Expense, and Equipment</i>		(41 150)
<i>Total, Administration</i>		\$209 840

Building Operation

Account Number 00-82-05-600		
Nonacademic Salaries		\$ 21 610
<i>Total, Salaries</i>		(21 610)
Wages.....		1 038 650
Expense		92 300
<i>Total, Wages, Expense, and Equipment</i>		(1 130 950)
<i>Total, Building Operation</i>		\$1 152 560

Indirect Costs — 906 Sixth Street

Account Number 40-82-05-640		
Expense		\$ 8 650
<i>Total, Indirect Costs — 906 Sixth Street</i>		\$ 8 650

Fire Prevention and Safety

Account Number 00-82-10-600		
Nonacademic Salaries		\$ 8 000
<i>Total Salaries</i>		(8 000)
Wages.....		174 600
Expense		13 950
Renewals and Replacements.....		1 450
<i>Total, Wages, Expense, and Equipment</i>		(190 000)
<i>Total, Fire Prevention and Safety</i>		\$198 000

Police and Watchmen

Account Number 00-82-15-600		
Nonacademic Salaries		\$ 4 905
<i>Total, Salaries</i>		(4 905)
Wages.....		166 850
Expense		18 400
Renewals and Replacements.....		2 250
<i>Total, Wages, Expense, and Equipment</i>		(187 500)
<i>Total, Police and Watchmen</i>		\$192 405

Building Maintenance

Account Number 00-82-20-600		
Nonacademic Salaries		\$ 41 460
<i>Total, Salaries</i>		(41 460)
Wages.....		533 500
Expense		120 000
Renewals and Replacements.....		178 934
<i>Total, Wages, Expense, and Equipment</i>		(832 434)
<i>Total, Building Maintenance</i>		\$873 894

General Maintenance

Account Number 00-82-25-600

Nonacademic Salaries	\$ 17 310
<i>Total, Salaries</i>	(17 310)
Wages.....	330 425
Expense	49 000
Renewals and Replacements.....	6 400
<i>Total, Wages, Expense, and Equipment</i>	(385 825)
<i>Total, General Maintenance</i>	\$403 135

Grounds

Account Number 00-82-30-600

Nonacademic Salaries	\$ 12 450
<i>Total, Salaries</i>	(12 450)
Wages.....	170 200
Expense	30 000
Renewals and Replacements.....	25 500
<i>Total, Wages, Expense, and Equipment</i>	(225 700)
<i>Total, Grounds</i>	\$238 150

Transportation

Account Number 00-82-35-600

Nonacademic Salaries	\$ 3 850
<i>Total, Salaries</i>	(3 850)
Wages.....	67 000
Expense	46 800
Renewals and Replacements.....	6 500
Chicago Vehicles Nonrecurring.....	(8 000)
<i>Total, Wages, Expense, and Equipment</i>	(120 300)
<i>Total, Transportation</i>	\$124 150

Heat, Light, and Power

Account Number 00-82-40-600

Nonacademic Salaries	\$ 43 740
<i>Total, Salaries</i>	(43 740)
Wages.....	481 300
Expense	389 100
Renewals and Replacements.....	10 700
<i>Total, Wages, Expense, and Equipment</i>	(881 100)
<i>Total, Heat, Light, and Power</i>	\$924 840

Water Station

Account Number 00-82-45-600

Nonacademic Salaries	\$ 7 240
<i>Total, Salaries</i>	(7 240)
Wages.....	30 600
Expense	60 900
Sanitary District Nonrecurring.....	(6 000)
<i>Total, Wages, Expense, and Equipment</i>	(91 500)
<i>Total, Water Station</i>	\$ 98 740

Illini Union Building

Account Number 00-82-60-600

Rental for University Functions.....	\$ 5 000
Rental for Space Occupied by University Offices.....	10 120
Fee Exemptions	15 000
University Club Operation.....	10 000
<i>Total, Illini Union Building</i>	\$ 40 120

President's House

Account Number 00-82-62-600

Expense	\$ 7 580
Renewals and Replacements.....	3 500
<i>Total, President's House</i>	\$ 11 080

Prevailing Wage Rate Unassigned

Account Number 00-82-63-600

Wages	\$295 000
<i>Total, Prevailing Wage Rate Unassigned.....</i>	<i>\$295 000</i>

Reservations and Information

Account Number 00-82-66-600

Nonacademic Salaries	\$ 10 305
<i>Total, Salaries</i>	<i>(10 305)</i>
Wages	1 315
Expense	690
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(2 005)</i>
<i>Total, Reservations and Information.....</i>	<i>\$ 12 310</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, Associate Professor of Traffic Engineering.....	ZA20	\$ 1 800
(Total Salary)		(9 000)
2. George W. Greenwood, Research Associate in Civil Engineering.....	ZD50	3 000
(Total Salary)		(6 000)
<i>Total, Architectural Studies for Future Buildings.....</i>		<i>\$ 4 800</i>

Auxiliary Enterprises**Residence Halls Administration**

Account Number 18-82-80-700

1. V. L. Kretschmer, Director of Illini Union and of Housing Division	ZDY50	\$ (7 750)
(Perquisites University — one meal)		
(Total Salary)		(15 500)
2. Paul J. Doebel, Jr., Associate Director of Housing.....	DY	(11 000)
(Perquisites University — one meal)		
3. Calvin S. Sifferd, Supervisor of Counseling and Operations in Men's Residence Halls.....	ZDY50	(4 150)
(Perquisites University — one meal)		
(Total Salary)		(8 300)
Nonacademic Salaries		(214 090)
<i>Total, Salaries</i>		<i>(236 990)</i>
Wages		(113 344)
Expense		(125 929)
Equipment		(4 165)
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(243 438)</i>
<i>Total, Residence Halls Administration.....</i>		<i>\$(480 428)</i>

Alpha House Operation

Account Number 18-82-80-730

1. Mae Real, House Director.....	ZG63	\$ 1 250
(Perquisites University — room and board)		
(Total Salary)		(1 900)
(Ten months from September 1, 1959)		
<i>Total, Salaries</i>		<i>(1 250)</i>
Expense		6 667
<i>Total, Alpha House Operation.....</i>		<i>\$ 7 917</i>

Arbor Suites Operation

Account Number 18-82-80-731

1. Leah N. Hartmann, Coordinator..... G	\$ 2 700
(Perquisites University — room and board)	
(Ten months from August 19, 1959)	
2. Margaret R. Frodin, Resident Assistant..... G	1 900
(Perquisites University — room and board)	
(Ten months from August 19, 1959)	
3. Linnea C. Ross, Resident Assistant..... G	1 900
(Perquisites University — room and board)	
(Ten months from August 19, 1959)	
4. Rowena K. Schimmel, Resident Assistant..... G	1 800
(Perquisites University — room and board)	
(Ten months from August 19, 1959)	
5. ———, Resident Assistant..... G	1 800
(Perquisites University — room and board)	
(Ten months from August 19, 1959)	
6. 1.00 Full Time Equivalent Assistants..... E	1 920
<i>Total, Salaries</i>	(12 020)
Wages	5 172
Expense	104 440
<i>Total, Wages, Expense, and Equipment</i>	(109 612)
<i>Total, Arbor Suites Operation</i>	\$121 632

Beta House Operation

Account Number 18-82-80-734

1. Ruth C. Anderson, House Director..... ZG63	\$ 1 250
(Perquisites University — room and board)	
(Total Salary)	(1 900)
(Ten months from September 1, 1959)	
<i>Total, Salaries</i>	(1 250)
Expense	8 441
<i>Total, Beta House Operation</i>	\$ 9 691

Gamma House Operation

Account Number 18-82-80-736

1. Mary E. Garrard, House Director..... ZG63	\$ 1 250
(Perquisites University — room and board)	
(Total Salary)	(1 900)
(Ten months from September 1, 1959)	
<i>Total, Salaries</i>	(1 250)
Expense	6 643
<i>Total, Gamma House Operation</i>	\$ 7 893

Parade Grounds Operation

Account Number 18-82-80-740

Wages	\$ 555
Expense	7 388
<i>Total, Parade Grounds Operation</i>	\$ 7 943

Temporary Family Housing

Account Number 18-82-80-748

Nonacademic Salaries	\$ 47 660
<i>Total, Salaries</i>	(47 660)
Wages	1 106
Expense	211 025
<i>Total, Wages, Expense, and Equipment</i>	(212 131)
<i>Total, Temporary Family Housing</i>	\$259 791

Trust — Busey-Evans Halls Operation

Account Number 48-82-80-735

1. Alice W. Cotter, Head Resident, Evans Hall..... G	\$ 3 900
(Perquisites University — room and board)	
(Ten months from September 1, 1959)	
2. Catherine N. Wells, Head Resident, Busey Hall..... G	3 800
(Perquisites University — room and board)	
(Ten months from September 1, 1959)	
3. 1.50 Full Time Equivalent Assistants..... G	6 420
Nonacademic Salaries	17 610
<i>Total, Salaries</i>	(31 730)
Wages	105 889
Expense	163 922
Debt Service	30 058
<i>Total, Wages, Expense, and Equipment</i>	(299 869)
<i>Total, Trust — Busey-Evans Halls Operation</i>	\$331 599

Trust — Allen Hall Operation

Account Number 48-82-80-736

1. Norma E. Farrar, Head Resident..... G	\$ 4 400
(Perquisites University — room and board)	
(Ten months from September 1, 1959)	
2. Jean F. Hill, Head Resident..... G	4 400
(Perquisites University — room and board)	
(Ten months from September 1, 1959)	
3. ———, Resident Assistant..... G	1 800
(Perquisites University — room and board)	
(Ten months from August 19, 1959)	
4. ———, Resident Assistant..... G	1 600
(Perquisites University — room and board)	
(Ten months from August 19, 1959)	
5. ———, Resident Assistant..... G	1 600
(Perquisites University — room and board)	
(Ten months from August 19, 1959)	
6. ———, Resident Assistant..... G	1 600
(Perquisites University — room and board)	
(Ten months from August 19, 1959)	
7. 2.25 Full Time Equivalent Assistants..... G	8 350
Nonacademic Salaries	4 800
<i>Total, Salaries</i>	(28 550)
Wages	144 998
Expense	283 371
Debt Service	166 330
<i>Total, Wages, Expense, and Equipment</i>	(594 699)
<i>Total, Trust — Allen Hall Operation</i>	\$623 249

Trust — Lincoln Avenue Residence Operation

Account Number 48-82-80-737

1. Margaret M. Bevan, Head Resident..... G	\$ 4 300
(Perquisites University — room and board)	
(Ten months from September 1, 1959)	
2. Barbara N. Connell, Head Resident..... G	4 400
(Perquisites University — room and board)	
(Ten months from September 1, 1959)	
3. Susan A. Hughes, Assistant Head Resident..... G	3 800
(Perquisites University — board)	
(Ten months from September 1, 1959)	
4. Eleanor E. Grinnell, Assistant Head Resident..... G	3 800
(Perquisites University — board)	
(Ten months from September 1, 1959)	
5. 1.00 Full Time Equivalent Assistants..... G	4 280
Nonacademic Salaries	22 180
<i>Total, Salaries</i>	(42 760)

Wages.....	137 411
Expense	281 607
Debt Service	41 370
<i>Total, Wages, Expense, and Equipment.....</i>	<u>(460 388)</u>
<i>Total, Trust — Lincoln Avenue Residence Operation..</i>	<u>\$503 148</u>

Trust — Men's Residence Halls Operation

Account Number 48-82-80-739	
Nonacademic Salaries	\$ 19 270
<i>Total, Salaries</i>	<u>(19 270)</u>
Wages.....	269 955
Expense	437 887
Debt Service	76 379
<i>Total, Wages, Expense, and Equipment.....</i>	<u>(784 221)</u>
<i>Total, Trust — Men's Residence Halls Operation.....</i>	<u>\$803 491</u>

Trust — Men's Residence Halls Operations Three and Four

Account Number 48-82-80-740	
Wages.....	\$ 30 702
Expense	64 914
Debt Service	74 201
<i>Total, Trust — Men's Residence Halls Operations Three and Four.....</i>	<u>\$169 817</u>

Trust — First Street and Gregory Drive Residence Halls Operation

Account Number 48-82-80-742	
Nonacademic Salaries	\$ 23 700
<i>Total, Salaries</i>	<u>(23 700)</u>
Wages.....	372 799
Expense	692 424
Debt Service	390 627
<i>Total, Wages, Expense, and Equipment.....</i>	<u>(1 455 850)</u>
<i>Total, Trust — First Street and Gregory Drive Resi- dence Halls Operation.....</i>	<u>\$1 479 550</u>

National Homes Staff Housing

Account Number 18-82-85-754	
Expense	\$ 29 005
<i>Total, National Homes Staff Housing.....</i>	<u>\$ 29 005</u>

Permanent Staff Housing

Account Number 18-82-85-755	
Wages.....	\$ 937
Expense	32 985
<i>Total, Permanent Staff Housing.....</i>	<u>\$ 33 922</u>

Trust — Goodwin Avenue Apartments Operation

Account Number 48-82-85-752	
Wages.....	\$ 8 380
Expense	37 667
Debt Service	57 390
<i>Total, Trust — Goodwin Avenue Apartments Opera- tion.....</i>	<u>\$103 437</u>

Trust — Green Street Apartments Operation

Account Number 48-82-85-753	
Wages.....	\$ 8 213
Expense	30 612
Debt Service	45 843
<i>Total, Trust — Green Street Apartments Operation...</i>	<u>\$ 84 668</u>

Trust — Race Street and Florida Avenue Housing Operation

Account Number 48-82-85-758

Expense	\$ 33 833
Debt Service	11 888
<i>Total, Trust — Race Street and Florida Avenue Housing Operation</i>	<i>\$ 45 721</i>

Illini Union — General Building

Account Number 18-82-90-710

1. Earl F. Finder, Associate Director of Illini Union.... DY	\$ 10 700
(Perquisites University — one meal)	
2. Irene D. Pierson, Social Director of Illini Union..... DY	8 730
(Perquisites Employee — one meal)	(84)
Nonacademic Salaries	81 275
<i>Total, Salaries</i>	<i>(100 705)</i>
Wages.....	160 530
Expense	197 533
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(358 063)</i>
<i>Total, Illini Union — General Building.....</i>	<i>\$458 768</i>

Illini Union — Food Service

Account Number 18-82-90-720

Nonacademic Salaries	\$ 79 740
<i>Total, Salaries</i>	<i>(79 740)</i>
Wages.....	248 979
Expense	452 998
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(701 977)</i>
<i>Total, Illini Union — Food Service.....</i>	<i>\$781 717</i>

Illini Union — Billiards

Account Number 18-82-90-730

Nonacademic Salaries	\$ 1 500
<i>Total, Salaries</i>	<i>(1 500)</i>
Wages.....	6 495
Expense	2 346
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(8 841)</i>
<i>Total, Illini Union — Billiards.....</i>	<i>\$ 10 341</i>

Illini Union — Bowling Alleys

Account Number 18-82-90-740

Nonacademic Salaries	\$ 4 500
<i>Total, Salaries</i>	<i>(4 500)</i>
Wages.....	8 733
Expense	16 853
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(25 586)</i>
<i>Total, Illini Union — Bowling Alleys.....</i>	<i>\$ 30 080</i>

Illini Union — Bookstore

Account Number 18-82-90-770

Nonacademic Salaries	\$ 19 500
<i>Total, Salaries</i>	<i>(19 500)</i>
Wages.....	31 500
Expense	558 941
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(590 441)</i>
<i>Total, Illini Union — Bookstore.....</i>	<i>\$609 941</i>

STUDENT AID

	Restricted	Wages, Ex- pense, and Equipment	Total
<i>Student Aid</i>			
Estimated Indirect Costs.....	Salaries	\$ 40 000	\$ 40 000
Estimated Endowment Income.....	.....	115 000	115 000

	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Estimated Private Gifts.....	500 000	500 000
Estimated U.S. Contracts.....	250 000	250 000
<i>Total, Restricted</i>	<u>\$905 000</u>	<u>\$905 000</u>

CHICAGO PROFESSIONAL COLLEGES

APPROPRIATIONS

	<i>General</i>		<i>Wages, Ex- pense, and Equipment</i>		<i>Total</i>
	<i>Salaries</i>				
<i>Administration and General</i>	\$ 664 581	\$	128 800	\$	793 381
<i>Instruction</i>					
Medicine.....	3 097 646		409 012		3 506 658
Dentistry.....	787 933		123 340		911 273
Pharmacy.....	455 104		58 440		513 544
Graduate College.....	7 620		1 000		8 620
College of Nursing.....	155 135		15 063		170 198
Physical Education.....	12 690		4 200		16 890
<i>Total, Instruction</i>	(4 516 128)	(611 055)		(5 127 183)	
<i>Organized Activities Relating to Instruction</i>					
Research and Educational Hospitals.....	3 064 240	2 788 328		5 852 568	
<i>Organized Research</i>					
Graduate College.....	.....	20 000		20 000	
Aeromedical and Physical Environment...	72 660	18 800		91 460	
<i>Total, Organized Research</i>	(72 660)	(38 800)		(111 460)	
<i>Extension and Public Services</i>					
Broadcasting.....	18 660	3 300		21 960	
Crippled Children.....	343 100	1 308 220		1 651 320	
<i>Total, Extension and Public Services</i>	(361 760)	(1 311 520)		(1 673 280)	
<i>Libraries</i>	78 540	55 600		134 140	
<i>Physical Plant</i>	240 047	2 558 833		2 798 880	
<i>Student Aid</i>					
Graduate College.....	.....	20 000		20 000	
<i>Total, General</i>	<u>\$8 997 956</u>	<u>\$7 512 936</u>	<u>\$16 510 892</u>		

Restricted

	<i>Salaries</i>		<i>Wages, Ex- pense, and Equipment</i>		<i>Total</i>
<i>Administration and General</i>	\$ 28 035	\$	19 930	\$	47 965
<i>Instruction</i>					
Medicine.....	95 020		52 300		147 320
Dentistry.....	4 000		1 000		5 000
<i>Total, Instruction</i>	(99 020)	(53 300)		(152 320)	
<i>Organized Activities Relating to Instruction</i>					
Research and Educational Hospitals.....	118 282	137 805		256 087	
<i>Organized Research</i>					
Medicine.....	875 000	675 000		1 550 000	
Dentistry.....	105 000	89 000		194 000	
Pharmacy.....	2 000	18 000		20 000	
Graduate College.....	17 000	33 000		50 000	
Institute for Tuberculosis Research.....	67 790	28 360		96 150	
<i>Total, Organized Research</i>	(1 066 790)	(843 360)		(1 910 150)	
<i>Extension and Public Services</i>					
Dentistry.....	.....	10 000		10 000	
Crippled Children.....	314 520	267 480		582 000	
<i>Total, Extension and Public Services</i>	(314 520)	(277 480)		(592 000)	
<i>Physical Plant</i>.....	.....	255 000		255 000	

Restricted (Concluded)		<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
<i>Auxiliary Enterprises</i>	<i>Salaries</i>		
Physical Plant.....	59 402	850 005	909 407
<i>Student Aid</i>			
Scholarships and Fellowships.....		47 500	47 500
<i>Total, Restricted</i>	<i>\$1 686 049</i>	<i>\$2 484 380</i>	<i>\$4 170 429</i>

ADMINISTRATION AND GENERAL

General		<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
<i>Administration and General</i>	<i>Salaries</i>		
Vice-President's Office.....	\$ 39 100	\$ 5 800	\$ 44 900
Health Service.....	79 862	5 400	85 262
Animal Hospital.....	39 704	2 600	42 304
Illustration Studios.....	61 920	5 900	67 820
Business Office.....	251 625	60 200	311 825
Auditing.....	26 230	1 300	27 530
Admissions and Records.....	40 790	7 850	48 640
Nonacademic Personnel.....	72 770	13 450	86 220
Student Affairs.....	31 140	2 400	33 540
Public Information.....	21 440	8 400	29 840
General Expenses.....		15 500	15 500
<i>Total, General</i>	<i>\$664 581</i>	<i>\$128 800</i>	<i>\$793 381</i>

Restricted		<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
<i>Administration and General</i>	<i>Salaries</i>		
Estimated Indirect Costs.....	\$28 035	\$18 930	\$46 965
Estimated Endowment Income.....		1 000	1 000
<i>Total, Restricted</i>	<i>\$28 035</i>	<i>\$19 930</i>	<i>\$47 965</i>

Vice-President's Office

Account Number 05-06-10		
1. H. E. Longenecker, Vice-President in Charge of the Chicago Professional Colleges.....	BY	\$ 26 500
Nonacademic Salaries		12 600
<i>Total, Salaries</i>		(39 100)
Wages.....		900
Expense		4 200
Convention Travel		400
Equipment		300
<i>Total, Wages, Expense, and Equipment</i>		(5 800)
<i>Total, Vice-President's Office</i>		\$ 44 900

Health Service

Account Number 05-06-15		
1. Marvin J. Colbert, Director.....	ZBY	\$ 14 250
2. Joseph H. Filip, Associate Director.....	DY95	10 900
3. ———, Psychiatric Consultant.....	DY20	3 000
4. Jutta Koik, Physician.....	ZDY50	6 400
5. John W. Sheagren, Physician.....	ZDY50	6 200
6. Howard B. Brenner, Physician.....	DY20	2 100
7. Eduard Huesing, Physician.....	DY30	3 000
8. Alice B. Racher, Physician.....	DY40	4 600
9. ———, Physician	DY60	6 000
10. ———, Physician	DY35	4 500
11. ———, Physician	DY20	2 100
Nonacademic Salaries		16 812
<i>Total, Salaries</i>		(79 862)

Wages	I 700
Expense	3 200
Equipment	500
<i>Total, Wages, Expense, and Equipment</i>	(5 400)
<i>Total, Health Service</i>	\$ 85 262

Animal Hospital

Account Number 05-06-17

1. William C. Dolowy, Administrator	ZDY	\$ 12 200
Nonacademic Salaries		27 504
<i>Total, Salaries</i>		(39 704)
Wages		2 200
Expense		200
Equipment		200
<i>Total, Wages, Expense, and Equipment</i>		(2 600)
<i>Total, Animal Hospital</i>		\$ 42 304

Illustration Studios

Account Number 05-06-39

1. A. Hooker Goodwin, Professor of Medical and Dental Illustration and Head of Department	AY	\$ 13 000
2. T. S. Jones, Professor, <i>Emeritus</i>	R	.....
3. Emil W. Hospodar, Assistant Professor of Medical and Dental Illustration	BY	9 300
4. Ramona Morgan, Assistant in Medical and Dental Illustration	ZDY90	4 960
(Total Salary)		(5 500)
Nonacademic Salaries		34 660
<i>Total, Salaries</i>		(61 920)
Wages		3 095
Expense		2 805
<i>Total, Wages, Expense, and Equipment</i>		(5 900)
<i>Total, Illustration Studios</i>		\$ 67 820

TRUST — ANONYMOUS — VISUAL EDUCATION

Account Number 50-22-05

1. Ramona Morgan, Assistant in Medical and Dental Illustration	ZDY10	\$ 540
<i>Total, Trust — Anonymous — Visual Education</i>		\$ 540

Business Office

Account Number 05-06-20

1. H. A. Hazleton, Business Manager of the Chicago Colleges and Divisions	ZDY	\$ 16 700
Nonacademic Salaries, Business Manager		26 220
Nonacademic Salaries, Accounting		41 025
Nonacademic Salaries, Collections		16 710
Nonacademic Salaries, Payroll		19 800
Nonacademic Salaries, General Clerical		75 480
Nonacademic Salaries, Purchasing		55 690
<i>Total, Salaries</i>		(251 625)
Wages		8 450
Expense		48 550
Equipment		3 200
<i>Total, Wages, Expense, and Equipment</i>		(60 200)
<i>Total, Business Office</i>		\$311 825

Trust — Indirect Costs — Business Office

Account Number 56-06-03

Nonacademic Salaries	\$ 18 495
Expense	18 000
<i>Total, Trust — Indirect Costs — Business Office</i>	\$ 36 495

Auditing

Account Number 05-06-23	
Nonacademic Salaries	\$ 26 230
<i>Total, Salaries</i>	(26 230)
Wages	350
Expense	950
<i>Total, Wages, Expense, and Equipment</i>	(1 300)
<i>Total, Auditing</i>	\$ 27 530

Trust — Indirect Costs — Auditing

Account Number 56-06-04	
Nonacademic Salaries	\$ 1 320
Expense	130
<i>Total, Trust — Indirect Costs — Auditing</i>	\$ 1 450

Admissions and Records

Account Number 05-06-25	
1. George R. Moon, Associate Dean of Admissions and Records	DY \$ 13 300
Nonacademic Salaries	27 490
<i>Total, Salaries</i>	(40 790)
Wages	650
Expense	6 500
Expense, Nonrecurring	(600)
Equipment	700
<i>Total, Wages, Expense, and Equipment</i>	(7 850)
<i>Total, Admissions and Records</i>	\$ 48 640

Nonacademic Personnel

Account Number 05-06-30	
1. George F. McGregor, Associate Director	DY \$ 13 100
Nonacademic Salaries	59 670
<i>Total, Salaries</i>	(72 770)
Wages	850
Expense	11 450
Civil Service Travel Expense	500
Equipment	650
<i>Total, Wages, Expense, and Equipment</i>	(13 450)
<i>Total, Nonacademic Personnel</i>	\$ 86 220

Indirect Costs — Nonacademic Personnel

Account Number 56-06-02	
Nonacademic Salaries	\$ 8 220
Expense	800
<i>Total, Indirect Costs — Nonacademic Personnel</i>	\$ 9 020

Student Affairs

Account Number 05-06-32	
1. Maurice Galbraith, Dean of Student Affairs	BY \$ 13 500
2. F. C. Dalla, Director of Chicago Housing Division	ZDY
Nonacademic Salaries	17 640
<i>Total, Salaries</i>	(31 140)
Wages	480
Expense	1 820
Equipment	100
<i>Total, Wages, Expense, and Equipment</i>	(2 400)
<i>Total, Student Affairs</i>	\$ 33 540

Public Information

Account Number 05-06-35	
1. John H. Worthington, Chicago Manager of Public In- formation	ZDY \$ 11 300
Nonacademic Salaries	10 140
<i>Total, Salaries</i>	(21 440)

Wages	500
Expense	3 160
Faculty-Alumni Newsletter	4 340
Equipment	400
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(8 400)</i>
<i>Total, Public Information.....</i>	<i>\$ 29 840</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	(25 000)
Vice-President's Contingent	2 000
General Publications	2 000
Public Functions	1 000
Nonacademic Disability Benefits	1 000
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(15 500)</i>
<i>Total, General Expenses.....</i>	<i>\$ 15 500</i>

COLLEGE OF MEDICINE**General**

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Administration	\$ 76 634	\$30 537	\$107 171
Postgraduate		1 000	1 000
Anatomy	169 048	18 200	187 248
Biological Chemistry	148 790	21 150	169 940
Clinical Science	29 690	7 300	36 990
Dermatology	55 818	4 900	60 718
Medical Social Work	157 730	6 700	164 430
Medicine	320 854	25 400	346 254
Microbiology	158 760	14 000	172 760
Neurology and Neurological Surgery	138 624	27 970	166 594
Obstetrics and Gynecology	95 880	9 000	104 880
Occupational Therapy	103 150	13 300	116 450
Ophthalmology	93 684	11 000	104 684
Orthopaedic Surgery	67 172	10 000	77 172
Otolaryngology	139 146	11 000	150 146
Pathology	224 342	18 150	242 492
Pediatrics	116 655	10 960	127 615
Pharmacology	126 796	16 270	143 066
Physical Medicine and Rehabilitation	47 418	2 700	50 118
Physiology	174 233	26 900	201 133
Presbyterian—St. Luke's Hospital		60 775	60 775
Preventive Medicine	51 220	3 500	54 720
Psychiatry	238 588	15 500	254 088
Public Health	31 100	2 800	33 900
Radiology	131 910	14 000	145 910
Surgery	200 404	26 000	226 404
<i>Total, General.....</i>	<i>\$3 097 646</i>	<i>\$409 012</i>	<i>\$3 506 658</i>

Restricted

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Epilepsy Clinic Revolving	\$ 4 020	\$ 300	\$ 4 320
Toxicology Revolving		8 000	8 000
Estimated Indirect Costs	8 000	4 000	12 000
Estimated Endowment Income		3 000	3 000
Estimated Private Gifts	15 000	5 000	20 000
Estimated U.S. Contracts	68 000	32 000	100 000
<i>Total, Instruction.....</i>	<i>(95 020)</i>	<i>(52 300)</i>	<i>(147 320)</i>

Restricted (Concluded)

<i>Organized Research</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Estimated Private Gifts.....	375 000	225 000	600 000
Estimated U.S. Contracts.....	500 000	450 000	950 000
<i>Total, Organized Research.....</i>	<i>(875 000)</i>	<i>(675 000)</i>	<i>(1 550 000)</i>
<i>Total, Restricted.....</i>	<i>\$970 020</i>	<i>\$727 300</i>	<i>\$1 697 320</i>

Administration

Account Number 05-12-03		
1. Granville A. Bennett, Dean.....	ZBY	\$ 24 000
2. Donald J. Caseley, Associate Dean.....	ZBY	.....
3. William F. Kellow, Associate Dean.....	ZBY	17 000
4. Unassigned Salaries		12 134
Nonacademic Salaries		23 500
<i>Total, Salaries</i>		<i>(70 634)</i>
Wages.....		1 300
Expense, General		11 937
Contingent.....		10 000
Convention Travel		6 400
Equipment		900
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(30 537)</i>
<i>Total, Administration</i>		<i>\$107 171</i>

Trust — Medical Education Research Commonwealth Fund

Account Number 50-05-10

1. George E. Miller, Director of Research in Medical Education.....	ZBY	\$ 18 000
<i>Total, Trust — Medical Education Research Commonwealth Fund</i>		<i>\$ 18 000</i>

Postgraduate

Account Number 05-12-10

Wages.....		\$ 200
Expense, General		800
<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	\$ 18 500
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	11 200
6. James C. Plagge, Professor.....	AY	12 750
(On leave without pay 1959-60)		
7. Parke H. Simer, Professor.....	A	13 000
8. Gerhardt von Bonin, Professor, <i>Emeritus</i>	R	.....
9. Arnold A. Zimmermann, Professor.....	A	12 500
10. Yngve Joranson, Associate Professor, <i>Emeritus</i>	R	.....
11. Arthur La Velle, Associate Professor.....	AY	9 800
12. Vincent J. Defeo, Assistant Professor.....	BY	8 530
13. L. M. H. Larramendi, Assistant Professor.....	BY	8 500
14. Edith K. MacRae, Assistant Professor.....	BY	8 200
15. Helen C. Maibenco, Assistant Professor.....	DY	7 350
16. Harry Monsen, Assistant Professor.....	BY	8 700
17. A. J. Schmidt, Assistant Professor.....	BY	8 600
18. Leopold Treciokas, Assistant Professor.....	DY	7 350
19. 1.50 Full Time Equivalent Assistants.....	E	5 700
Nonacademic Salaries		28 368
<i>Total, Salaries</i>		<i>(169 048)</i>
Wages.....		1 500

Expense	14 200
Equipment	2 500
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(18 200)</i>
<i>Total, Anatomy</i>	<i>\$187 248</i>

Biological Chemistry

Account Number 05-12-27

1. Richard J. Winzler, Professor and Head of Department	AY	\$ 18 500
2. Olaf Bergeim, Professor, <i>Emeritus</i>	R	.....
3. Stephen B. Binkley, Professor.....	AY	15 000
4. Leo G. Abood, Associate Professor of Neurophysiology	ZAY10	1 100
(Total Salary)		(11 000)
5. C. A. Johnson, Associate Professor.....	AY	9 650
6. Terrell C. Myers, Associate Professor.....	AY	10 900
7. Max E. Rafelson, Associate Professor.....	AY	12 000
(On leave with pay September, 1959, to February, 1960)		
8. James A. Hayashi, Assistant Professor.....	BY	8 500
9. Henry Jeffay, Assistant Professor.....	BY	9 400
10. Paul Kohn, Assistant Professor.....	BY	10 100
11. Charles Panos, Assistant Professor.....	ZBY25	1 850
(Total Salary)		(7 400)
12. Edward B. Titchener, Assistant Professor.....	BY	8 700
13. Bernard Weissmann, Assistant Professor.....	BY	9 300
14. 2.50 Full Time Equivalent Assistants.....	E	9 250
Nonacademic Salaries		24 540
<i>Total, Salaries</i>		<i>(148 790)</i>
Wages		1 600
Expense		17 550
Equipment		2 000
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(21 150)</i>
<i>Total, Biological Chemistry.....</i>		<i>\$169 940</i>

Cooperative Investigations

TRUST — LEUKEMIA RESEARCH FOUNDATION

Account Number 50-12-15

1. A. B. Danielzadeh, Research Assistant.....	DY	\$ 4 800
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TRUST — U.S. PUBLIC HEALTH SERVICE C1828

Account Number 55-21-06

1. Irene Bornstein, Research Assistant.....	DY	\$ 5 400
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TRUST — U.S. PUBLIC HEALTH SERVICE E692

Account Number 55-21-34

1. Alexander Eichholz, Research Assistant.....	DY	\$ 4 400
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TRUST — U.S. PUBLIC HEALTH SERVICE C 2951

Account Number 55-21-82

1. Tohru Inouye, Research Assistant.....	DY	\$ 4 650
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TRUST — U.S. PUBLIC HEALTH SERVICE E 1514

Account Number 55-21-86

1. Charles Panos, Research Associate.....	ZDY75	\$ 5 550
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TRUST — U.S. PUBLIC HEALTH SERVICE CY3231 C

Account Number 55-21-96

1. Robert C. Smith, Research Assistant.....	DY	\$ 4 800
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Clinical Science

Account Number 05-12-30

1. A. C. Ivy, Distinguished Professor of Physiology and Head of Department of Clinical Science.....	AY	\$ 18 500
2. Roman Wojciech, Research Associate.....	DY95	5 490
Nonacademic Salaries		5 700
<i>Total, Salaries</i>		<i>(29 690)</i>
Expense		7 300
<i>Total, Clinical Science.....</i>		<i>\$ 36 990</i>

Cooperative InvestigationsTRUST — LAKE LAND FOUNDATION — STIMULATING AND
INHIBITING AGENTS

Account Number 50-15-41

I. Dorothy Nelson, Research Associate..... DY20 \$ 1 200

TRUST — U.S. NCI CY 4239

Account Number 55-25-20

I. Herbert Kahn, Research Associate..... DY65 \$ 3 600

Dermatology

Account Number 05-12-36

1. Adolph Rostenberg, Professor and Head of Department	AY	\$ 18 000
2. Theodore Cornbleet, Clinical Professor.....	AY30	3 090
3. Harold Shellow, Clinical Associate Professor.....	AY10	1 200
4. Paul Weichselbaum, Clinical Associate Professor.....	AY20	2 400
5. ———, Associate Professor.....	AY	9 940
6. F. J. Szymanski, Clinical Assistant Professor.....	BY16	2 400
7. Louise E. Tavs, Clinical Assistant Professor.....	BY20	2 000
8. 0.80 Full Time Equivalent Assistants.....	DY	3 630
Nonacademic Salaries		13 158
<i>Total, Salaries</i>		(55 818)
Wages		300
Expense		3 400
Equipment		1 200
<i>Total, Wages, Expense, and Equipment</i>		(4 900)
<i>Total, Dermatology</i>		\$ 60 718

Cooperative Investigations

TRUST — PHARMA CRAFT COMPANY

Account Number 50-21-55

I. Tao Huang, Research Associate..... DY \$ 7 500

Medical Social Work

Account Number 05-12-41

1. Carol H. Preucil, Associate Professor and Head of Department.....	AY	\$ 11 300
2. Lois E. Binns, Assistant Professor.....	ZBY96	7 350
(Total Salary)		(7 650)
(On leave with one-half pay 1959-60)		
3. Louise Fassler, Assistant Professor.....	BY	7 550
4. Kathryn E. Hepler, Assistant Professor.....	BY	7 900
5. Dorothy Large, Assistant Professor.....	BY	8 550
6. Helen R. Lockhart, Assistant Professor.....	BY	7 350
7. Natalie R. Seltzer, Assistant Professor.....	BY	7 350
8. Marie Waite, Assistant Professor.....	BY	7 920
(Perquisites Employee — one meal)		
9. Dolores A. Brownlee, Instructor.....	DY	5 700
10. Sheila A. Callaghan, Instructor.....	DY	5 500
11. Constance Fraser, Instructor.....	ZDY50	3 500
(Total Salary)		(7 000)
12. Ruth W. Helms, Instructor.....	DY	5 550
13. Margaret L. Johnson, Instructor.....	DY	5 800
14. Helen J. Lane, Instructor.....	DY	6 500
15. Leona K. Pliske, Instructor.....	DY	5 700
16. Jean V. Prosser, Instructor.....	DY	5 550
17. Helen J. Read, Instructor, Handicapped Children's Center	DY	5 900
18. Jean Robertson, Instructor.....	DY	5 750
19. Ramona J. Teason, Instructor.....	DY	6 300
20. T. P. Meyertholen, Assistant.....	DY	5 420
(Perquisites Employee — one meal)		
Nonacademic Salaries		25 290
<i>Total, Salaries</i>		(157 730)

Wages	200
Expense	5 700
Equipment	800
<i>Total, Wages, Expense, and Equipment</i>	(6 700)
<i>Total, Medical Social Work</i>	\$164 430

Cooperative Investigations**TRUST — MEDICAL SOCIAL WORK — UNIVERSITY OF CHICAGO**

Account Number 50-23-05

1. Lois E. Binns, Assistant Professor.....	ZBY4	\$	300
(On leave with one-half pay 1959-60)			
2. Eleanor Merrifield, Assistant Professor.....	BY		7 450
<i>Total, Trust — Medical Social Work — University of Chicago</i>		\$	7 750

TRUST — NATIONAL FOUNDATION FOR INFANTILE PARALYSIS —**RESPIRATORY POLIO**

Account Number 50-52-55

1. Mary Elston Goss, Instructor.....	DY	\$	6 300
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TRUST — U.S. PUBLIC HEALTH SERVICE MI335

Account Number 55-60-03

1. Shirley Weinstein, Instructor.....	DY	\$	5 800
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Medicine

Account Number 05-12-42

1. Harry F. Dowling, Professor and Head of Department	AY	\$	24 000
2. David I. Abramson, Professor.....	ZAY		.....
3. Carroll L. Birch, Professor.....	AY		11 000
4. Edmund F. Foley, Professor.....	AY50		5 400
5. Ford K. Hick, Professor.....	AY50		5 400
6. George G. Jackson, Professor.....	AY		17 600
7. Robert M. Kark, Professor.....	AY90		13 500
8. Norman B. Roberg, Professor.....	AY80		14 500
9. Harry A. Bliss, Associate Professor.....	AY		13 600
10. Nicholas Cotsonas, Associate Professor.....	AY90		14 000
11. William F. Kellow, Associate Professor.....	ZAY		.....
12. A. B. Kendrick, Associate Professor.....	AY		9 000
13. Louis R. Limarzi, Associate Professor.....	AY70		6 600
14. George E. Miller, Associate Professor.....	ZAY		.....
15. M. M. Montgomery, Associate Professor.....	AY80		13 500
16. Jerome T. Paul, Clinical Associate Professor.....	AY30		2 570
17. Max Samter, Associate Professor.....	AY90		12 300
18. F. Steigmann, Clinical Associate Professor.....	AY20		1 710
19. Robert J. Adolph, Assistant Professor.....	BY		9 200
20. William R. Best, Assistant Professor.....	ZBY15		1 700
(Total Salary)			(10 200)
21. George J. Brebis, Assistant Professor.....	BY50		3 600
22. Marvin J. Colbert, Assistant Professor.....	ZBY		.....
23. Moses Goldwasser, Assistant Professor, <i>Emeritus</i>	R		.....
24. Sophie J. Presley, Clinical Assistant Professor.....	BY25		1 750
25. Eugene J. Ranke, Clinical Professor.....	BY33		2 261
26. Robert J. Ryan, Assistant Professor.....	ZBY35		3 325
(Total Salary)			(9 500)
27. Nat E. Smith, Assistant Professor.....	BY		10 200
28. Basil Anast, Instructor in Parasitology.....	ZDY50		2 950
(Total Salary)			(5 550)
29. J. M. Dyniewicz, Instructor and Research Chemist.....	DY		5 900
30. Hans G. Griebel, Instructor.....	DY		7 400
31. Robert S. Kassriel, Instructor.....	ZDY15		1 300
(Total Salary)			(3 900)
32. Jutta Koik, Instructor.....	ZDY		.....
33. William R. McCabe, Instructor.....	FY		5 800
(Effective July 1, 1959)			
34. John W. Sheagren, Instructor.....	ZDY		.....

35. _____, Instructor	DY	8 600
36. _____, Instructor	DY ₅₀	3 650
37. Margaret Melody, Research Assistant.....	DY	6 100
38. Mary E. Rubenis, Research Assistant.....	ZDY ₈₅	4 845
(Total Salary)		(5 700)
39. _____, Research Assistant.....	DY	4 400
40. _____, Research Assistant.....	DY	4 400
Nonacademic Salaries		68 793
Total, Salaries		(320 854)
Wages		1 400
Expense		19 000
Expense, Allergy		2 000
Equipment		3 000
Total, Wages, Expense, and Equipment.....		(25 400)
Total, Medicine		\$346 254

Cooperative Investigations

TRUST — NATIONAL FOUNDATION FOR MEDICAL EDUCATION

Account Number 50-24-16

1. Herschel L. Browns, Clinical Assistant Professor..... ZBY₂₀ \$ 1 650

WARNER LAMBERT

Account Number 50-24-52

1. Vera M. Kozij, Research Assistant..... DY \$ 4 600

TRUST — LEDERLE LABORATORIES

Account Number 50-24-70

1. Mary E. Rubenis, Research Assistant..... ZDY₁₅ \$ 855

TRUST — NATIONAL FOUNDATION FOR INFANTILE PARALYSIS —

RESPIRATORY POLIO

Account Number 50-52-55

1. Janet Wolter, Assistant Professor..... BY \$ 10 500

TRUST — U.S. PUBLIC HEALTH SERVICE HT 300

Account Number 55-15-25

1. Herschel L. Browns, Clinical Assistant Professor..... ZBY₂₅ \$ 2 150

(Total Salary)

2. Robert S. Kassriel, Instructor..... ZDY₃₅ 2 600

Total, Trust — U.S. Public Health Service HT 300... \$ 4 750

TRUST — U.S. H2253C

Account Number 55-35-12

1. Roy C. McClain, Research Assistant..... DY \$ 5 250

TRUST — U.S. PUBLIC HEALTH SERVICE 2A 5032 C

Account Number 55-35-22

1. Alexander N. Ruggie, Clinical Assistant Professor..... BY₃₅ \$ 3 000

TRUST — U.S. ARMY MD 421

Account Number 55-35-65

1. Truman O. Anderson, Research Associate..... DY₂₅ \$ 2 050

2. Marika H. Arthur, Research Assistant..... DY 4 700

3. Gloria S. Cooper, Research Assistant..... DY 4 850

4. Jack Saporta, Research Assistant..... DY 4 600

Total, Trust — U.S. Army MD 421..... \$ 16 200

TRUST — U.S. PUBLIC HEALTH SERVICE B1659

Account Number 55-35-70

1. Basil Anast, Instructor in Parasitology..... ZDY₄₅ \$ 2 600

TRUST — U.S. PUBLIC HEALTH SERVICE 2347C

Account Number 55-35-79

1. William R. Best, Assistant Professor..... ZBY₇₅ \$ 8 500

2. John Louis, Clinical Instructor..... DY₄₅ 3 750

Total, Trust — U.S. Public Health Service 2347C..... \$ 12 250

TRUST — U.S. PUBLIC HEALTH SERVICE 2A 5105

Account Number 55-35-91

1. Robert J. Ryan, Assistant Professor..... ZBY65 \$ 6 175

TRUST — U.S. PUBLIC HEALTH SERVICE C7 63

— CANCER TRAINING

Account Number 55-65-12

1. Samuel G. Taylor, Clinical Associate Professor..... AY40 \$ 3 420

Microbiology

Account Number 05-12-44

1. Milan V. Novak, Professor and Head of Department... (Total Salary)	ZAY90	\$ 16 740 (18 600)
2. J. E. Kempf, Professor.....	AY	13 200
3. Leon J. LeBeau, Associate Professor.....	AY	9 600
4. Esther Meyer, Associate Professor.....	AY	9 900
5. George H. Scherr, Associate Professor.....	AY	10 750
6. Edward E. Vicher, Associate Professor.....	AY	11 000
7. Arthur V. Kroeger, Assistant Professor.....	BY	8 000
8. Robert W. Pumper, Assistant Professor.....	BY	8 500
9. Edward S. Kos, Instructor.....	DY	7 000
10. Claude V. Reich, Instructor.....	DY	7 600
11. Louis R. Sibal, Instructor.....	DY	7 000
12. ———, Instructor	DY	7 260
13. 2.20 Full Time Equivalent Assistants.....	E	8 056
Nonacademic Salaries		34 154
<i>Total, Salaries</i>		(158 760)
Wages		1 600
Expense		8 400
Equipment		4 000
<i>Total, Wages, Expense, and Equipment</i>		(14 000)
<i>Total, Microbiology</i>		\$172 760

Neurology and Neurological Surgery

Account Number 05-12-45

1. Eric Oldberg, Professor and Head of Department.....	AY75	\$ 15 500
2. Orville T. Bailey, Professor of Neurology.....	AY	18 000
3. Percival Bailey, Distinguished Professor of Neurology, <i>Emeritus</i>	R	.....
4. Frederic A. Gibbs, Professor of Electroencephalography	AY75	8 250
5. W. A. Gustafson, Clinical Professor of Neurological Surgery.....	AY20	3 000
6. Ben W. Lichtenstein, Clinical Professor of Neurology.. (Effective July 1, 1959)	DY25	2 500
7. R. P. Mackay, Professor of Neurology.....	AY20	3 000
8. Oscar Sugar, Professor of Neurological Surgery.....	AY50	5 500
9. John S. Garvin, Clinical Associate Professor of Neurology.....	AY40	3 600
10. I. B. Diamond, Assistant Professor, <i>Emeritus</i>	R	.....
11. Ernst Haase, Clinical Assistant Professor of Neurology (Total Salary)	ZDY20	1 700 (3 530)
12. Frederick W. Stamps, Research Associate in Neurology (Total Salary)	ZDY45	6 350 (12 680)
13. Donald D. Layton, Clinical Instructor in Neurology.... (Effective July 1, 1959)	DY25	1 800
14. Roland A. Manfredi, Clinical Instructor in Neurology..	DY25	1 800
15. Paul R. Rosenbluth, Clinical Instructor in Neurology..	DY25	1 800
16. Erna L. Gibbs, Research Assistant in Electroencephalography.....	DY	5 500
Nonacademic Salaries		60 324
<i>Total, Salaries</i>		(138 624)
Wages, Neurology		5 100
Wages, Epilepsy Clinic.....		800

Expense, Neurology	16 400
Expense, Epilepsy Clinic	5 000
Equipment	670
<i>Total, Wages, Expense, and Equipment</i>	(27 970)
<i>Total, Neurology and Neurological Surgery</i>	\$166 594

Epilepsy Clinic Revolving

Account Number 07-12-10

Nonacademic Salaries	\$ 4 020
Expense	300
<i>Total, Epilepsy Clinic Revolving</i>	\$ 4 320

Cooperative Investigations

TRUST — CRIPPLED CHILDREN'S BUREAU — CONSULTATION

CLINIC — EPILEPSY

Account Number 50-25-25

1. Ernst Haase, Clinical Assistant Professor of Neurology ZDY20	\$ 1 830
2. Frederick W. Stamps, Research Associate in Neurology ZDY45	6 330
3. Seymour Metrick, Clinical Instructor in Neurology.... DY20	1 680
4. Janet D. Rowley, Clinical Instructor in Neurology.... DY90	6 720
<i>Total, Trust — Crippled Children's Bureau — Consultation Clinic — Epilepsy</i>	\$ 16 560

TRUST — U.S. PUBLIC HEALTH SERVICE B 1109

Account Number 55-40-22

1. Catherine L. Rich, Research Assistant in Neurology... DY	\$ 5 520
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Obstetrics and Gynecology

Account Number 05-12-48

1. William F. Mengert, Professor and Head of Department..... AY	\$ 23 500
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, Assistant Professor..... BY	14 000
6. James H. McClure, Assistant Professor..... BY	15 700
7. William G. Slate, Assistant Professor..... BY	12 750
8. _____, Assistant Professor..... BY	10 900
Nonacademic Salaries	13 830
<i>Total, Salaries</i>	(95 880)
Wages.....	700
Expense	6 400
Equipment	1 900
<i>Total, Wages, Expense, and Equipment</i>	(9 000)
<i>Total, Obstetrics and Gynecology</i>	\$104 880

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE C7 63

Account Number 55-65-15

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	\$ 11 000
2. Mary F. Heermans, Assistant Professor..... DY	7 700
3. Patricia Green, Instructor..... DY	6 150
4. Dorothy T. Hrubby, Instructor..... DY	6 400
5. Barbara Loomis, Instructor..... DY	7 000
6. Nedra A. Phelps, Instructor..... DY	6 250
7. Honora E. Salmon, Instructor..... DY	6 100
8. Carol J. Schad, Instructor..... DY	6 300
9. Patricia A. Tiernan, Instructor..... DY	6 200

10. Patricia Vadopalas, Instructor, Handicapped Children's Center.....	DY	5 600
11. Janet Engbring, Assistant.....	DY	5 100
12. Shirley A. Epstein, Assistant.....	DY	5 150
13. Marilyn Lange, Assistant.....	DY	5 000
14. 0.25 Full Time Equivalent Assistants.....	E	1 500
Nonacademic Salaries		17 700
<i>Total, Salaries</i>		(103 150)
Wages.....		1 800
Expense		9 500
Equipment		2 000
<i>Total, Wages, Expense, and Equipment.....</i>		(13 300)
<i>Total, Occupational Therapy.....</i>		\$116 450

Cooperative Investigations**TRUST — NATIONAL FOUNDATION FOR INFANTILE PARALYSIS —
RESPIRATORY POLIO**

Account Number 50-52-55

1. Eleanor J. Thurston, Instructor.....	DY	\$ 5 900
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TRUST — PSYCHOSOMATIC DISORDERS OF CHILDREN

Account Number 50-54-90

1. Sandra J. Benzies, Instructor.....	DY	\$ 6 000
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TRUST — U.S. PUBLIC HEALTH SERVICE OVR 106 59

Account Number 55-45-15

1. Gretchen M. Schmalz, 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	\$ 20 700
2. Hallard Beard, Clinical Professor.....	AY20	2 060
3. Robert L. Allen, Clinical Assistant Professor.....	BY45	3 600
4. Eugene R. Folk, Assistant Professor.....	BY70	6 915
5. Lawrence Lassiter, Assistant Professor.....	BY50	3 725
6. James E. McDonald, Assistant Professor.....	BY60	5 820
7. Maurice D. Pearlman, Clinical Assistant Professor..... (Handicapped Children's Center — 20 per cent)	BY40	3 600
8. Howard L. Wilder, Assistant Professor.....	BY65	6 450
9. Myron C. Benford, Clinical Associate.....	ZDY	.....
10. Amrum Lakritz, Instructor.....	DY75	5 650
11. Norbert J. Nowicki, Instructor..... (Effective July 1, 1959)	FY85	5 400
Nonacademic Salaries		29 764
<i>Total, Salaries</i>		(93 684)
Wages.....		1 100
Expense		8 400
Equipment		1 500
<i>Total, Wages, Expense, and Equipment.....</i>		(11 000)
<i>Total, Ophthalmology</i>		\$104 684

Orthopaedic Surgery

Account Number 05-12-54

1. Robert D. Ray, Professor and Head of Department....	AY50	\$ 11 500
2. Fred W. Hark, Clinical Professor.....	AY25	3 300
3. C. N. Lambert, Clinical Professor.....	AY35	3 850
4. Theodore A. Fox, Clinical Associate Professor.....	AY35	3 200
5. Charles V. Heck, Clinical Associate Professor.....	AY35	3 200
6. Henry W. Apfelbach, Clinical Assistant Professor....	BY35	2 800
7. Ralph T. Lidge, Clinical Assistant Professor.....	BY35	2 800
8. John B. Griffin, Clinical Instructor, Handicapped Children's Center	DY30	1 800
Nonacademic Salaries		34 722
<i>Total, Salaries</i>		(67 172)

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>\$ 77 172</i>

Cooperative Investigations**TRUST — NATIONAL FOUNDATION FOR INFANTILE PARALYSIS —
RESPIRATORY POLIO**

Account Number 50-52-55

1. Charles B. Andrews, Instructor and Orthopaedist in Respiratory Center	DY	\$ 10 200
2. Sid J. Shafer, Clinical Instructor.....	DY20	1 320
<i>Total, Trust — National Foundation for Infantile Pa- ralysis — Respiratory Polio</i>		<i>\$ 11 520</i>

Otolaryngology

Account Number 05-12-57

1. Francis L. Lederer, Professor and Head of Department and Otolaryngologist-in-Chief	AY80	\$ 15 700
2. Paul H. Holinger, Professor of Bronchoesophagology..	AY48	5 600
3. C. M. Lightfoot, Associate Professor of Otolaryngology and Director of Speech and Hearing Center.....	AY	11 600
(Perquisites Employee — one meal)		
4. Frederic J. Pollock, Associate Professor.....	AY50	6 100
5. Emanuel M. Skolnik, Associate Professor.....	ZAY50	4 900
(Total Salary)		(6 900)
6. Burton J. Soboroff, Associate Professor.....	AY50	5 330
7. ———, Associate Professor of Audiology.....	AY	8 550
(Perquisites Employee — one meal)		
8. Richard A. Buckingham, Clinical Assistant Professor of Otolaryngology and Otolologist in the Speech and Hear- ing Center	BY45	3 720
9. Charles R. Elliott, Assistant Professor.....	ZBY	.....
10. Arthur Loewy, Assistant Professor.....	BY50	4 000
11. John M. McCauley, Assistant Professor of Clinical Psy- chology.....	BY	7 350
(Perquisites Employee — one meal)		
12. William H. Plotkin, Assistant Professor in Clinical Speech.....	BY	7 350
13. ———, Assistant Professor of Speech, Handi- capped Children's Center.....	BY	8 000
14. Virginia A. Breed, Instructor in Audiology.....	DY	5 750
(Perquisites Employee — one meal)		
15. Edward K. Elliott, Instructor in Clinical Speech.....	DY10	800
Nonacademic Salaries		44 396
<i>Total, Salaries</i>		<i>(139 146)</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>\$150 146</i>

Cooperative Investigations**TRUST — U.S. PUBLIC HEALTH SERVICE BI711**

Account Number 55-49-05

1. Nicholas Torok, Clinical Assistant Professor.....	DY20	\$ 2 000
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**TRUST — U.S. PUBLIC HEALTH SERVICE C7 63 —
CANCER TRAINING**

Account Number 55-65-15

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	\$ 23 500
2. Granville A. Bennett, Professor.....	ZAY	.....
3. John B. Fuller, Professor.....	ZAY	17 600
4. S. A. Levinson, Professor.....	ZAY ¹⁰	1 200
5. George Milles, Professor.....	A ₂₀	2 800
6. Conrad L. Pirani, Professor.....	ZAY	18 200
7. Joseph P. Weinmann, Professor.....	ZAY	.....
8. H. R. Catchpole, Research Associate Professor.....	AY	11 300
9. Elizabeth A. McGrew, Associate Professor.....	ZAY	14 600
10. Alexander J. Nedzel, Associate Professor, <i>Emeritus</i>	R	.....
11. Donald R. Russ, Associate Professor.....	ZAY	15 000
12. Martin Swerdlow, Associate Professor.....	ZAY	15 000
13. Esther L. Cheatle, Assistant Professor.....	ZBY	12 000
14. Cesar Somoza, Assistant Professor.....	ZBY	13 450
15. Ruth Wong, Assistant Professor.....	BY	12 000
16. ———, Assistant Professor.....	BY ⁸⁰	8 500
17. ———, Assistant Professor.....	DY	8 500
18. Seymour Greenspon, Research Associate.....	DY	8 550
19. Hartmann Friederici, Instructor.....	ZDY	7 600
Nonacademic Salaries		34 542
<i>Total, Salaries</i>		(224 342)
Wages.....		3 200
Wages, Undergraduate Lecturers.....		5 000
Expense		8 300
Equipment		1 650
<i>Total, Wages, Expense, and Equipment</i>		(18 150)
<i>Total, Pathology</i>		\$242 492

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE HT 300 C

Account Number 55-15-25

1. Otto Saphir, Clinical Professor.....	DY ¹⁰	\$ 1 200
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Pediatrics**Account Number 05-12-63**

1. Heyworth N. Sanford, Professor and Head of Department.....	AY	\$ 22 700
2. Edward F. Lis, Associate Professor.....	ZAY ²⁷	4 000
(Total Salary)		(15 000)
3. Ira M. Rosenthal, Associate Professor.....	AY	14 000
4. Ralph Spaeth, Clinical Associate Professor.....	AY ³⁵	3 000
5. Anne Bohning, Assistant Professor.....	BY ⁶⁷	4 640
6. John S. Hyde, Assistant Professor.....	BY ⁵⁰	3 900
7. Melvin A. Krugly, Assistant Professor.....	BY ⁵⁰	3 775
8. Michael Limosani, Clinical Assistant Professor.....	BY ⁴⁰	2 600
9. Kareem B. Minhas, Assistant Professor.....	BY	9 200
10. Nerissa P. Singh, Assistant Professor.....	BY ⁵⁰	3 800
11. Marianne Budzeika, Instructor.....	DY	5 500
12. Andre Chabot, Instructor.....	DY	6 870
13. Mary F. Graham, Instructor.....	ZDY ⁵⁰	3 250
(Total Salary)		(4 330)
14. Dolores E. Knoblock, Clinical Instructor.....	DY ³²	2 000
15. Isidro L. Perez, Clinical Instructor.....	DY	1 170
16. Priscila Reyes, Instructor.....	DY	5 500
17. Luis Trevino, Instructor.....	ZDY ⁶⁰	4 400
(Handicapped Children's Center — 40 per cent)		
(Total Salary)		(7 350)
18. Gertrude Asrow, Research Assistant.....	DY	6 500
19. 1.00 Full Time Equivalent Assistants.....	DY	4 450
Nonacademic Salaries		5 400
<i>Total, Salaries</i>		(116 655)

Wages.....	2 200
Expense	7 700
Equipment	1 060
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(10 960)</i>
<i>Total, Pediatrics</i>	<i>\$127 615</i>

Cooperative Investigations

TRUST — STATE DEPARTMENT OF PUBLIC WELFARE —

PSYCHOSOMATIC DIFFERENTIATION IN INFANTS

Account Number 50-54-30

1. Mary F. Graham, Instructor..... ZDY20 \$ 1 080

TRUST — U.S. PUBLIC HEALTH SERVICE M1335

Account Number 55-60-03

1. Samuel H. Barron, Assistant Professor..... DY50 \$ 5 000

Pharmacology

Account Number 05-12-66

1. Klaus R. Unna, Professor and Head of Department....	AY	\$ 18 300
2. Harris Busch, Professor.....	AY	13 400
3. W. J. R. Camp, Professor of Pharmacology and Toxicology and State Toxicologist.....	AY	13 200
4. H. A. McGuigan, Professor, <i>Emeritus</i>	R	.....
5. T. R. Sherrod, Professor.....	AY	12 400
6. Cedric M. Smith, Associate Professor.....	A	10 000
7. Laszlo Gyermek, Assistant Professor.....	B	8 000
8. Ferenc Herr, Assistant Professor.....	B	8 200
9. Xenia Machne, Assistant Professor.....	B	8 000
10. Jean L. Riehl, Instructor.....	D	6 800
11. 1.00 Full Time Equivalent Assistants.....	E	3 804

Nonacademic Salaries

24 692

*Total, Salaries**(126 796)*

Wages.....

500

Expense, Pharmacology

13 000

Expense, Toxicology

1 100

Equipment, Pharmacology

1 670

*Total, Wages, Expense, and Equipment.....**(16 270)**Total, Pharmacology**\$143 066***Toxicology Revolving**

Account Number 07-12-15

Wages..... \$ 1 200

Expense

6 800

*Total, Toxicology Revolving.....**\$ 8 000***Physical Medicine and Rehabilitation**

Account Number 05-12-72

1. David I. Abramson, Professor and Head of Department	ZAY80	\$ 14 900
2. Edward E. Gordon, Clinical Associate Professor.....	AY10	1 100
3. Clara J. Fleischer, Assistant Professor.....	ZBY90	11 540
4. G. Chandrasekharappa, Assistant.....	DY	4 800
5. Diana R. Garceau, Assistant, Handicapped Children's Center.....	DY	5 400

Nonacademic Salaries

9 678

*Total, Salaries**(47 418)*

Expense

2 100

Equipment

600

*Total, Wages, Expense, and Equipment.....**(2 700)**Total, Physical Medicine and Rehabilitation.....**\$ 50 118***Cooperative Investigations**

TRUST — U.S. PUBLIC HEALTH SERVICE H2568

Account Number 55-52-07

1. Sammie Tuck, Jr., Research Assistant..... DY \$ 5 000

Physiology

Account Number 05-12-75

1. Arnold Veryl Wolf, Professor and Head of Department	AY	\$ 18 000
2. Victor Guillemin, Professor of Biophysics	ZAY	.....
3. R. C. Ingraham, Professor	AY	14 000
4. John P. Marbarger, Professor	ZAY	.....
5. C. I. Reed, Professor, <i>Emeritus</i>	R	.....
6. William Whitehorn, Professor	AY	15 250
7. Norman R. Alpert, Associate Professor	A	10 150
8. Ruven Greenberg, Associate Professor	A	10 650
9. V. V. Glaviano, Assistant Professor	BY	10 460
10. Robert Macey, Assistant Professor	BY	8 650
11. Akira Omachi, Assistant Professor	BY	9 950
12. Frank E. South, Jr., Assistant Professor	BY	10 810
13. William C. Dolowy, Instructor	ZDY	.....
14. Arthur Grimm, Instructor	D	6 700
15. Sabath F. Marotta, Instructor	ZDY	.....
16. J. Langdon Taylor, Jr., Instructor	DY	7 500
17. 4.00 Full Time Equivalent Assistants	E	14 985
Nonacademic Salaries		37 128
<i>Total, Salaries</i>		(174 233)
Wages		2 000
Expense		23 200
Equipment		1 700
<i>Total, Wages, Expense, and Equipment</i>		(26 900)
<i>Total, Physiology</i>		\$201 133

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	\$ 19 200
2. Sol Roy Rosenthal, Associate Professor	ZAY	.....
3. Adrian M. Ostfield, Assistant Professor	BY	12 000
4. _____, Assistant Professor	DY	11 000
5. Walter S. Wood, Instructor	DY50	4 400
Nonacademic Salaries		4 620
<i>Total, Salaries</i>		(51 220)
Wages		700
Expense		2 500
Equipment		300
<i>Total, Wages, Expense, and Equipment</i>		(3 500)
<i>Total, Preventive Medicine</i>		\$ 54 720

Cooperative InvestigationsTRUST — NATIONAL FOUNDATION FOR INFANTILE PARALYSIS —
RESPIRATORY POLIO

Account Number 50-52-55

1. George A. Saxton, Senior Physician in the Respiratory Center, with rank of Associate Professor	ZDY50	\$ 7 000
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TRUST — U.S. PUBLIC HEALTH SERVICE B 1693

Account Number 55-57-10

1. Edith C. Dougherty, Research Assistant	DY	\$ 5 200
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TRUST — U.S. PUBLIC HEALTH SERVICE E 2613

Account Number 55-57-15

1. Jeannette Norsen, Research Assistant	DY	\$ 5 500
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Psychiatry

Account Number 05-12-81

1. Francis J. Gerty, Professor and Head of Department	AY66	\$ 14 360
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	7 000
5. Hugh T. Carmichael, Clinical Professor.....	AY25	4 150
6. Alexander Geiger, Professor of Neurophysiology.....	AY	11 000
7. Ernest A. Haggard, Professor of Psychology.....	AY	11 500
(On leave without pay 1959-60)		
8. Irene Josselyn, Clinical Professor.....	AY25	3 800
9. L. J. Meduna, Professor.....	AY53	5 800
10. George Mohr, Clinical Professor, <i>Emeritus</i>	R	.....
11. Irene Sherman, Clinical Associate Professor, <i>Emerita</i> ..	R	.....
12. Lucia E. Tower, Clinical Professor.....	AY25	3 800
13. Leo G. Abood, Associate Professor of Neurophysiology	ZAY90	9 900
(Total Salary)		(11 000)
14. Peter Giovacchini, Clinical Associate Professor.....	AY25	2 820
15. Kalman Gyarfias, Clinical Associate Professor.....	AY50	7 200
16. Joel S. Handler, Clinical Associate Professor.....	AY35	4 000
17. Kyozo Koketsu, Associate Professor of Neurophysiol-	AY	8 800
ogy.....	AY	14 000
18. Paul E. Nielson, Associate Professor.....	AY	.....
19. D. M. Olkon, Clinical Associate Professor, <i>Emeritus</i> ..	R	.....
20. George H. Pollock, Clinical Associate Professor.....	AY25	2 500
21. Alan K. Rosenwald, Associate Professor of Psychology	AY	11 000
22. Orville S. Walters, Lecturer, with rank of Associate	ZAY	.....
Professor.....	BY25	2 550
23. Sol Altschul, Clinical Assistant Professor.....	BY35	3 600
24. Seymour Chaplik, Assistant Professor.....	BY30	2 500
25. Melvin Gray, Clinical Assistant Professor.....	BY50	5 800
26. Patrick Israel, Assistant Professor.....	BY50	5 800
27. Robert S. Levine, Assistant Professor.....	BY50	5 800
28. Aubrey L. Ruess, Assistant Professor of Psychology,	BY	8 500
Handicapped Children's Center.....	BY80	8 000
29. Jeanne Spurlock, Assistant Professor.....	ZBY35	3 600
30. Harold M. Visotsky, Assistant Professor.....	(7 200)	.....
(Total Salary) .....		.....
31. Richard B. Bolin, Instructor.....	DY50	5 400
32. Garth Smith, Instructor.....	ZDY40	3 000
(Total Salary)		(4 500)
33. ———, Clinical Instructor.....	DY30	2 400
Nonacademic Salaries		65 808
Total, Salaries		(238 588)
Wages.....		2 000
Expense		12 500
Equipment		1 000
Total, Wages, Expense, and Equipment.....		(15 500)
Total, Psychiatry		\$254 088

Cooperative Investigations

TRUST — CHICAGO HEART ASSOCIATION

Account Number 50-52-30

1. Binyamin Lebovits, Research Associate.....	DY20	\$ 1 800
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TRUST — NATIONAL FOUNDATION FOR INFANTILE PARALYSIS — RESPIRATORY POLIO

Account Number 50-52-55

1. Harold M. Visotsky, Assistant Professor.....	ZBY35	\$ 3 600
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TRUST — STATE DEPARTMENT OF PUBLIC WELFARE — NEURON STUDY

Account Number 50-54-20

1. Ruth Geiger, Research Associate.....	DY	\$ 10 000
2. Mary E. Stewart, Research Assistant.....	DY	5 800

Total, Trust — State Department of Public Welfare —
Neuron Study

\$ 15 800

TRUST — U.S. PUBLIC HEALTH SERVICE M 2302

Account Number 55-57-05

1. Richard R. Rosman, Research Associate.....	DY	\$ 7 000
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TRUST — U.S. PUBLIC HEALTH SERVICE M1335

Account Number 55-60-03

1. Ner Littner, Clinical Assistant Professor.....	DY25	\$ 3 000
2. Viola A. Brody, Research Associate.....	DY66	6 000

Total, Trust — U.S. Public Health Service M1335.... \$ 9 000

TRUST — U.S. 3B 413 C3

Account Number 55-60-15

1. Virginia Aguilar, Research Assistant.....	DY	\$ 4 800
2. William Scruggs, Research Assistant.....	DY	5 100

Total, Trust — U.S. 3B 413 C3..... \$ 9 900

TRUST — U.S. NONR 145903

Account Number 55-60-40

1. Libero Barbato, Research Associate.....	DY	\$ 7 000
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TRUST — U.S. PUBLIC HEALTH SERVICE 2M 6792

Account Number 55-60-45

1. John Loesch, Assistant Professor.....	FY	\$ 12 000
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(Effective July 1, 1959)

TRUST — U.S. PUBLIC HEALTH SERVICE M637 C3

Account Number 55-60-59

1. Kenneth S. Isaacs, Research Associate.....	DY	\$ 9 800
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TRUST — U.S. PUBLIC HEALTH SERVICE 2M6009C2

Account Number 55-60-88

1. Helen Beiser, Clinical Assistant Professor.....	DY25	\$ 2 750
2. David I. Cheifetz, Assistant Professor of Psychology..	DY	9 500
3. James Ginsberg, Clinical Instructor.....	DY40	3 850
4. Garth Smith, Instructor	ZDY20	1 500
5. Edward M. Wasserman, Instructor.....	DY50	5 500

Total, Trust — U.S. Public Health Service 2M6009C2 \$ 23 100

Public Health

Account Number 05-12-82

1. Howard Shaughnessy, Professor and Head of Department.....	AY80	\$ 16 100
(Also paid \$2,856 by State Department of Public Health)		
2. Herbert C. Batson, Professor of Biostatistics.....	AY	15 000
<i>Total, Salaries</i>		(31 100)

Wages.....		100
Expense		1 500
Equipment		1 200
<i>Total, Wages, Expense, and Equipment.....</i>		(2 800)
<i>Total, Public Health.....</i>		\$ 33 900

Radiology

Account Number 05-12-84

1. Roger A. Harvey, Professor and Head of Department.	ZAY	\$ 24 000
2. T. J. Wachowski, Clinical Professor.....	ZAY15	1 800
3. David J. Lochman, Associate Professor.....	ZAY33	4 400
4. Walter S. Moos, Associate Professor and Radiation Physicist.....	AY	13 000
5. Arthur S. Petersen, Associate Professor.....	ZAY40	4 400
6. Bernard Baker, Clinical Assistant Professor.....	ZBY12	1 200
7. Arlene A. Halko, Assistant Professor.....	BY	8 000
8. Edwin J. Liebner, Assistant Professor.....	ZBY	13 200
9. Myron Melamed, Clinical Assistant Professor.....	ZBY25	3 000
10. Anton M. Pantone, Clinical Assistant Professor.....	ZBY25	3 000
11. Virginia Patterson, Assistant Professor.....	DY	10 800

12. Glen Sandberg, Assistant Professor.....	DY	7 200
13. Enrique Schwarz, Assistant Professor.....	DY	13 000
14. Charles F. Whitney, Clinical Assistant Professor.....	BY10	1 200
15. Edmund Ringus, Clinical Instructor.....	DY25	2 100
16. _____, Instructor	DY	7 000
Nonacademic Salaries		14 610
<i>Total, Salaries</i>		(131 910)
Wages.....		2 500
Expense, Radiology		2 200
Expense, Radiology Betatron.....		5 600
Equipment, Radiology		700
Equipment, Radiology Betatron.....		3 000
<i>Total, Wages, Expense, and Equipment</i>		(14 000)
<i>Total, Radiology</i>		\$145 910

Surgery

Account Number 05-12-90		
1. Warren H. Cole, Professor and Head of Department..	ZAY	\$ 24 500
2. Axel G. Anderson, Clinical Professor.....	ZAY	.....
3. Ormand C. Julian, Professor.....	ZAY27	4 050
(Total Salary)		(8 420)
4. Ernst Trier Morch, Clinical Professor of Anesthesiology.....	AY25	3 000
5. Eli Olech, Clinical Professor.....	ZAY	.....
6. C. B. Puestow, Clinical Professor.....	AY25	3 650
7. J. T. Reynolds, Clinical Professor.....	AY15	2 170
8. Max S. Sadove, Professor of Anesthesiology.....	ZAY90	18 700
9. Danely P. Slaughter, Clinical Professor.....	ZAY45	4 700
10. Geza de Takats, Clinical Professor.....	AY25	3 350
11. Willard Van Hazel, Clinical Professor.....	AY20	2 850
12. Reuben C. Balagot, Clinical Associate Professor of Anesthesiology.....	ZAY45	5 750
13. Thomas K. Barber, Clinical Associate Professor.....	ZAY	.....
14. William J. Grove, Associate Professor.....	AY90	13 700
15. R. D. Herrold, Clinical Associate Professor, <i>Emeritus</i> ..	R	.....
16. Hushang Javid, Clinical Associate Professor.....	AY30	3 070
17. Joseph H. Kiefer, Associate Professor.....	AY50	4 550
18. Daniel M. Laskin, Clinical Associate Professor.....	ZAY	.....
19. James H. McDonald, Associate Professor of Urology..	AY95	12 500
20. W. H. Requarth, Clinical Associate Professor.....	AY15	1 650
21. Irwin B. Robinson, Clinical Associate Professor.....	ZAY	.....
22. John H. Schneewind, Associate Professor.....	ZAY90	11 200
23. Robert A. Atterbury, Clinical Assistant Professor.....	ZBY	.....
24. John W. Curtin, Clinical Assistant Professor.....	ZBY	.....
25. Edson F. Fowler, Clinical Assistant Professor.....	BY30	2 900
26. George D. Kaiser, Clinical Assistant Professor.....	BY35	3 000
27. Gerald O. McDonald, Associate Professor.....	BY90	8 000
28. Keith Medley, Assistant Professor in Anesthesiology...	BY	9 450
29. Lawrence Peterson, Clinical Assistant Professor.....	BY25	1 900
30. Elaine A. Stuebner, Clinical Assistant Professor.....	ZDY	.....
31. Mustafa Kemal Yon, Assistant Professor of Anesthesiology.....	BY95	10 340
32. _____, Assistant Professor of Anesthesiology...	DY75	9 600
33. Eleanor T. Bregman, Research Assistant.....	DY	4 400
34. 0.35 Full Time Equivalent Assistants.....	DY	1 598
Nonacademic Salaries		29 826
<i>Total, Salaries</i>		(200 404)
Wages.....		3 500
Expense		20 000
Equipment		2 500
<i>Total, Wages, Expense, and Equipment</i>		(26 000)
<i>Total, Surgery</i>		\$226 404

Cooperative Investigations**TRUST — WYETH LABORATORIES**

Account Number 50-57-16

1. Arun Kumar Sen, Clinical Assistant Professor of
Anesthesiology..... ZDY40 \$ 3 000
(Total Salary) (4 800)

TRUST — HAFFA

Account Number 50-57-17

1. Belio M. Lopez, Assistant Professor..... DY80 \$ 6 000

TRUST — AMERICAN CANCER SOCIETY — SPONTANEOUS REGRESS

Account Number 50-57-57

1. Tilden C. Everson, Clinical Associate Professor..... AY15 \$ 1 800

TRUST — WILMETTE UNITED FUND

Account Number 50-57-60

1. John D. Griffiths, Clinical Instructor..... DY25 \$ 1 400

TRUST — WYETH LABORATORIES

Account Number 50-57-98

1. Arun Kumar Sen, Clinical Assistant Professor of
Anesthesiology..... ZDY25 \$ 1 800

TRUST — U.S. PUBLIC HEALTH SERVICE HT 300 C

Account Number 55-15-24

1. Ormand C. Julian, Professor..... ZAY43 \$ 4 370

TRUST — U.S. PUBLIC HEALTH SERVICE CT 63 — CANCER TRAINING

Account Number 55-65-15

1. James D. Majarakis, Clinical Assistant Professor..... DY40 \$ 3 000

TRUST — U.S. PUBLIC HEALTH SERVICE 3157

Account Number 55-65-46

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 3157..... \$ 9 000

TRUST — U.S. PUBLIC HEALTH SERVICE CY 3482

Account Number 55-65-50

1. Frederic DePeyster, Clinical Associate Professor..... AY33 \$ 3 100

TRUST — U.S. PUBLIC HEALTH SERVICE CY 3551

Account Number 55-65-56

1. William H. Harridge, Clinical Assistant Professor.... DY35 \$ 3 000

COLLEGE OF DENTISTRY**General**

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Administration.....	\$ 51 062	\$ 15 993	\$ 67 055
Postgraduate Studies.....	15 230	2 770	18 000
Admitting Clinic.....	47 250	1 650	48 900
Applied Materia Medica and Therapeutics...	106 084	4 680	110 764
Crowns and Fixed Partial Dentures.....	60 850	3 035	63 885
Dental Clinics.....	38 322	48 302	86 624
Full and Removable Partial Dentures.....	67 953	4 180	72 133
Histology.....	86 234	6 200	92 434
Operative Dentistry.....	63 040	2 300	65 340
Oral and Maxillofacial Surgery.....	60 045	4 950	64 995
Orthodontics.....	51 210	9 850	61 060
Oral Pathology.....	44 306	5 000	49 306
Pedodontics.....	58 360	5 450	63 810
Radiology.....	37 987	8 980	46 967
<i>Total, General.....</i>	<i>\$787 933</i>	<i>\$123 340</i>	<i>\$911 273</i>

	Restricted	Wages, Ex- pense, and Equipment	Total
<i>Instruction</i>	<i>Salaries</i>		
Estimated U.S. Contracts.....	\$ 4 000	\$ 1 000	\$ 5 000
<i>Organized Research</i>			
Estimated Indirect Costs.....		4 000	4 000
Estimated Private Gifts.....	15 000	15 000	30 000
Estimated U.S. Contracts.....	90 000	70 000	160 000
<i>Total, Organized Research</i>	(105 000)	(89 000)	(194 000)
<i>Extension and Public Services</i>			
Postgraduate Extension Revolving.....		10 000	10 000
<i>Total, Restricted</i>	\$109 000	\$100 000	\$209 000

Administration

Account Number 05-15-01			
1. Isaac Schour, Dean.....	ZBY40	\$ 8 600	
(Total Salary)		(21 500)	
2. Edward J. Forrest, Associate Dean.....	ZBY90	14 400	
(Total Salary)		(16 000)	
3. Nell S. Talbot, Assistant to Dean and Professor of Medical and Dental History, <i>Emerita</i>	R	.....
4. F. B. Noyes, Dean and Professor of Orthodontics, <i>Emeritus</i>	RA	.....
5. _____, Instructor	DY	6 600	
Nonacademic Salaries		21 462	
<i>Total, Salaries</i>		(51 062)	
Wages.....		800	
Expense		4 325	
Contingent		7 243	
Convention Travel		1 900	
Equipment		1 725	
<i>Total, Wages, Expense, and Equipment</i>		(15 993)	
<i>Total, Administration</i>		\$ 67 055	

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE D12

Account Number 55-73-06

1. Maury Massler, Professor and Head of Department of Pedodontics.....	ZAY20	\$ 3 300	
(Total Salary)		(16 500)	
(On leave with pay January to June 1960)			
2. Daniel M. Laskin, Associate Professor of Oral Surgery	ZAY15	1 795	
(Total Salary)		(7 200)	
<i>Total, Trust — U.S. Public Health Service D12</i>		\$ 5 095	

Postgraduate Studies

Account Number 05-15-07

1. _____, Coordinator of Postgraduate Extension Programs.....	BY25	\$ 2 300	
2. Robert G. Kesel, Lecturer.....	ZDY	250	
(Total Salary)		(17 000)	
(On leave without pay to June 1, 1960)			
3. W. H. Kubacki, Lecturer.....	ZDY	220	
(Total Salary)		(17 500)	
4. Maury Massler, Lecturer.....	ZDY	450	
(Total Salary)		(16 500)	
(On leave with pay January to June, 1960)			
5. Joseph P. Weinmann, Lecturer.....	ZDY	475	
(Total Salary)		(16 500)	
6. Thomas K. Barber, Lecturer.....	ZDY	250	
(Total Salary)		(11 000)	

7. Samson S. Flores, Assistant Professor.....	ZBY25	2 125
(Total Salary)		(8 500)
Nonacademic Salaries		9 160
<i>Total, Salaries</i>		(15 230)
Honorarium for Special Teaching.....		1 000
Wages.....		50
Expense		1 220
Equipment		500
<i>Total, Wages, Expense, and Equipment</i>		(2 770)
<i>Total, Postgraduate Studies</i>		\$ 18 000

Postgraduate Extension Revolving

Account Number 07-15-97

Wages.....	\$	100
Expense		9 900
<i>Total, Wages, Expense, and Equipment</i>		(10 000)
<i>Total, Postgraduate Extension Revolving</i>		\$ 10 000

Admitting Clinic

Account Number 05-15-10

1. Arthur J. Skupa, Professor of Clinical Dentistry and Director of Patient Admissions.....	AY	\$ 13 000
2. Theodore B. Kurtz, Professor of Clinical Dentistry... (Total Salary)	ZAY50	6 000 (12 000)
3. Arthur Elfenbaum, Associate Professor, <i>Emeritus</i>	R	.....
4. Charles M. Buckman, Assistant Professor of Clinical Dentistry.....	BY20	1 500
5. Harold A. Drummond, Assistant Professor of Clinical Dentistry.....	BY30	2 250
6. Lester Jacobs, Assistant Professor of Clinical Dentistry	BY60	4 500
7. Donald L. McElroy, Assistant Professor of Clinical Dentistry.....	BY50	4 000
8. Herbert Hazelkorn, Instructor in Clinical Dentistry...	DY40	2 800
Nonacademic Salaries		13 200
<i>Total, Salaries</i>		(47 250)
Wages.....		200
Expense		1 350
Equipment		100
<i>Total, Wages, Expense, and Equipment</i>		(1 650)
<i>Total, Admitting Clinic</i>		\$ 48 900

Applied Materia Medica and Therapeutics

Account Number 05-15-15

1. Robert G. Kesel, Professor and Head of Department.. (Total Salary)	ZAY	\$ 16 750 (17 000)
(On leave without pay to June 1, 1960)		
2. E. A. Jasper, Professor.....	AY67	7 370
3. Donald A. Wallace, Professor.....	AY	14 000
4. M. F. Grunwald, Associate Professor.....	AY20	2 200
5. Charles G. Maurice, Associate Professor.....	AY80	9 600
Acting Head of Department..... (To June 1, 1960)	FY	(1 200)
6. E. C. Wach, Associate Professor, <i>Emeritus</i>	R	.....
7. Paul O. Boyle, Assistant Professor.....	B40	3 270
8. Anita M. Ellingson, Assistant Professor.....	BY	7 250
9. Harold R. Englander, Assistant Professor.....	BY	11 500
10. Bennett Klavan, Assistant Professor.....	BY50	4 500
11. William Starek, Assistant Professor of Dentistry.....	BY20	1 800
12. Masaro Harada, Instructor.....	DY40	2 600
13. Harry R. Shepard, Instructor.....	DY40	2 900
14. Gordon L. Stastny, Instructor.....	DY50	3 750
Nonacademic Salaries		18 594
<i>Total, Salaries</i>		(106 084)

Wages.....	I 230
Expense	3 050
Equipment	400
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(4 680)</i>
<i>Total, Applied Materia Medica and Therapeutics.....</i>	<i>\$110 764</i>

Crowns and Fixed Partial Dentures

Account Number 05-15-20

1. Stanley D. Tylman, Professor and Head of Department AY	\$ 17 000
2. Fred N. Bazola, Professor..... AY60	6 900
3. F. X. Pelka, Assistant Professor..... BY50	4 500
4. Hugh J. Flanagan, Instructor..... DY50	3 300
5. Richard I. Gunther, Instructor..... DY75	5 250
6. Peter M. Irvine, Instructor..... DY50	3 300
7. Boleslaw Mazur, Instructor..... ZDY75	5 250
(Total Salary)	(7 000)
8. Roland Rudnick, Instructor..... DY50	3 300
9. Eugene A. Zawlocki, Instructor..... DY50	3 500
Nonacademic Salaries	8 550
<i>Total, Salaries</i>	<i>(60 850)</i>
Wages.....	1 085
Expense	1 750
Equipment	200
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(3 035)</i>
<i>Total, Crowns and Fixed Partial Dentures.....</i>	<i>\$ 63 885</i>

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE D12

Account Number 55-73-06

1. Boleslaw Mazur, Instructor.....	ZDY25	\$ 1 750
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Dental Clinics

Account Number 05-15-25

1. W. H. Kubacki, Director.....	ZBY	\$
Nonacademic Salaries		\$ 38 322
<i>Total, Salaries</i>		<i>(38 322)</i>
Wages.....		1 000
Expense, Dental Clinics.....		13 127
Expense, Full and Removable Partial Dentures.....		11 625
Expense, Crowns and Fixed Partial Dentures.....		8 675
Expense, Operative Dentistry.....		7 875
Expense, Applied Materia Medica and Therapeutics.....		3 550
Equipment, Dental Clinics.....		500
Equipment, Full and Removable Partial Dentures.....		400
Equipment, Crowns and Fixed Partial Dentures.....		1 000
Equipment, Operative Dentistry.....		300
Equipment, Applied Materia Medica and Therapeutics.....		250
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(48 302)</i>
<i>Total, Dental Clinics.....</i>		<i>\$ 86 624</i>

Full and Removable Partial Dentures

Account Number 05-15-55

1. W. H. Kubacki, Professor and Head of Department..	ZAY	\$ 17 280
(Total Salary)		(17 500)
2. Robert Underwood, Associate Professor.....	AY40	3 920
3. Samson S. Flores, Assistant Professor.....	ZBY75	6 375
(Total Salary)		(8 500)
4. Pedro A. Guevara, Jr., Instructor.....	DY	7 250
5. Richard B. Holt, Instructor.....	DY50	3 300
6. Edward J. Kozak, Instructor.....	DY60	4 500
7. Allen Rosenberg, Instructor.....	DY30	2 700
8. William L. Smith, Instructor.....	DY30	1 980
9. Vincent Urbanek, Instructor.....	DY50	3 500

Nonacademic Salaries	17 748
<i>Total, Salaries</i>	(67 953)
Wages	1 680
Expense	2 200
Equipment	300
<i>Total, Wages, Expense, and Equipment</i>	(4 180)
<i>Total, Full and Removable Partial Dentures</i>	\$ 72 133

Histology

Account Number 05-15-60

1. Isaac Schour, Professor and Head of Department....	ZAY	\$ 12 900
(Total Salary)		(21 500)
2. E. Lloyd DuBrul, Professor of Oral Anatomy.....	ZAY	11 000
3. James A. Gagnon, Associate Professor of Oral Anat-		
omy.....	ZAY60	5 700
(Total Salary)		(9 500)
4. Roy Gillette, Associate Professor.....	AY	10 200
5. Verda E. James, Associate Professor.....	AY	10 750
6. Nicholas L. Simios, Instructor.....	DY50	3 550
7. John R. Westine, Instructor.....	DY50	3 550
Nonacademic Salaries		28 584
<i>Total, Salaries</i>		(86 234)
Wages, Histology		210
Wages, Oral Anatomy.....		200
Expenses, Histology		2 890
Expenses, 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>		\$ 92 434

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE CT663

Account Number 55-75-32

1. Eli Olech, Professor of Oral Surgery.....	ZAY10	\$ 1 100
(Total Salary)		(6 600)

TRUST — U.S. PUBLIC HEALTH SERVICE 485C

Account Number 55-75-51

1. E. Riekstniece, Research Assistant.....	DY	\$ 5 500
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Operative Dentistry

Account Number 05-15-75

1. John M. Spence, Professor and Head of Department..	AY	\$ 15 000
2. Theodore B. Kurtz, Professor.....	ZAY50	6 000
(Total Salary)		(12 000)
3. James A. Gagnon, Associate Professor.....	ZAY40	3 800
(Total Salary)		(9 500)
4. Margot Ulloa, Associate Professor.....	AY60	7 200
5. Mack C. Tanner, Assistant Professor.....	BY30	2 250
6. Marvin B. Weiss, Assistant Professor.....	ZBY80	8 000
(Total Salary)		(10 000)
7. Jerry F. Balaty, Instructor.....	DY50	3 500
8. Jules Berman, Instructor.....	DY20	1 500
9. Charles F. Hehting, Instructor.....	DY40	2 900
10. Worl V. Hill, Instructor.....	DY20	1 350
11. Walter A. Sperry, Instructor.....	DY40	2 900
Nonacademic Salaries		8 640
<i>Total, Salaries</i>		(63 040)
Wages.....		300
Expense		1 700
Equipment		300
<i>Total, Wages, Expense, and Equipment</i>		(2 300)
<i>Total, Operative Dentistry</i>		\$ 65 340

Oral and Maxillofacial Surgery

Account Number 05-15-80

1. Axel G. Anderson, Professor and Head of Department	ZAY	\$ 15 000
2. Eli Olech, Professor and Director of Minor Oral Surgery	ZAY ₅₀	5 500
(Total Salary)		(6 600)
3. Daniel M. Laskin, Associate Professor	ZAY ₄₅	5 405
(Total Salary)		(7 200)
4. Irwin B. Robinson, Associate Professor	ZAY ₅₀	4 250
5. Robert A. Atterbury, Assistant Professor	ZBY ₅	370
6. Elaine A. Stuebner, Assistant Professor	ZBY ₈₀	6 000
7. David A. Reithel, Instructor	DY ₃₀	2 100
Nonacademic Salaries		21 420
Total, Salaries		(60 045)
Wages		300
Expense		4 250
Equipment		400
Total, Wages, Expense, and Equipment		(4 950)
Total, Oral and Maxillofacial Surgery		\$ 64 995

Orthodontics

Account Number 05-15-82

1. A. G. Brodie, Professor and Head of Department	AY ₆₀	\$ 12 000
2. Milton B. Engel, Professor	AY ₅₀	6 500
3. Edward J. Forrest, Professor	ZAY ₁₀	1 600
(Total Salary)		(16 000)
4. Earl W. Renfroe, Professor	AY ₆₀	7 500
5. Samuel Pruzansky, Associate Professor	ZAY ₁₁	1 320
(Total Salary)		(10 320)
6. Jack R. Mason, Instructor	DY ₃₀	2 100
7. George Osterberger, Instructor	DY ₃₀	2 250
8. Edward Prorok, Instructor	DY ₃₀	2 250
9. Bernard Schneider, Instructor	ZDY ₃₀	2 100
(Total Salary)		(4 200)
Nonacademic Salaries		13 590
Total, Salaries		(51 210)
Wages		300
Expense		9 050
Equipment		500
Total, Wages, Expense, and Equipment		(9 850)
Total, Orthodontics		\$ 61 060

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE D686

Account Number 55-79-35

1. Bernard L. Swoislin, Instructor	DY ₃₄	\$ 2 000
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TRUST — U.S. PUBLIC HEALTH SERVICE D625

Account Number 55-80-05

1. Bernard Schneider, Instructor	ZDY ₃₀	\$ 2 100
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Oral Pathology

Account Number 05-15-86

1. Joseph P. Weinmann, Professor and Head of Division	ZAY	\$ 16 025
(Total Salary)		(16 500)
2. Nicholas G. Grand, Associate Professor	ZAY ₈₄	9 660
(Total Salary)		(11 500)
3. Herman Medak, Assistant Professor	BY ₅₀	4 000
4. George M. Yamane, Assistant Professor	ZBY	8 045
(Total Salary)		(9 000)
Nonacademic Salaries		6 576
Total, Salaries		(44 306)

Wages.....	300
Expense.....	4 000
Equipment.....	700
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(5 000)</i>
<i>Total, Oral Pathology.....</i>	<i>\$ 49 306</i>

Cooperative Investigations**TRUST — UNIVERSITY OF ILLINOIS FOUNDATION — DENTAL INCOME**

Account Number 50-58-80

1. Marvin B. Weiss, Assistant Professor.....	ZBY20	\$ 2 000
<i>(Total Salary)</i>		<i>(10 000)</i>

TRUST — U.S. PUBLIC HEALTH SERVICE D658

Account Number 55-80-10

1. Julia Meyer, Assistant Professor.....	ZBY50	\$ 4 500
<i>(Total Salary)</i>		<i>(9 000)</i>
2. George M. Yamane, Assistant Professor.....	ZDY	955
3. Amarjit S. Marwah, Instructor.....	DY	6 600
<i>Total, Trust — U.S. Public Health Service D658.....</i>		<i>\$ 12 055</i>

TRUST — U.S. PUBLIC HEALTH SERVICE C 2705

Account Number 55-80-20

1. Nicholas G. Grand, Associate Professor.....	ZAY16	\$ 1 840
2. Shu Yung Wang, Research Associate.....	DY75	5 940
<i>Total, Trust — U.S. Public Health Service C 2705.....</i>		<i>\$ 7 780</i>

TRUST — U.S. PUBLIC HEALTH SERVICE D513

Account Number 55-80-35

1. Julia Meyer, Assistant Professor.....	ZBY50	\$ 4 500
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Pedodontics

Account Number 05-15-88

1. Maury Massler, Professor and Head of Department..	ZAY80	\$ 12 750
<i>(Total Salary)</i>		<i>(16 500)</i>
<i>(On leave with pay January to June, 1960)</i>		
2. Thomas K. Barber, Associate Professor.....	ZAY	10 750
<i>(Total Salary)</i>		<i>(11 000)</i>
3. Elsie Gerlach, Superintendent of Children's Clinic and Associate Professor	AY	9 500
4. Marvin Kozlov, Instructor.....	DY70	4 600
<i>(Handicapped Children's Center — 20 per cent)</i>		
5. Aphrodite Pappas, Instructor.....	DY20	1 320
6. William J. Rogers, Instructor.....	DY30	2 250
Nonacademic Salaries		17 190
<i>Total, Salaries</i>		<i>(58 360)</i>
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>		<i>(5 450)</i>
<i>Total, Pedodontics</i>		<i>\$ 63 810</i>

Radiology

Account Number 05-15-90

1. S. H. Yale, Professor and Head of Department.....	AY	\$ 14 000
Nonacademic Salaries		23 987
<i>Total, Salaries</i>		<i>(37 987)</i>
Wages.....		550
Expense		7 730
Equipment		700
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(8 980)</i>
<i>Total, Radiology</i>		<i>\$ 46 967</i>

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE D 950

Account Number 55-83-25

1. Michael A. Videka, Instructor in Dental Radiology.... DY50 \$ 3 500

TRUST — U.S. PUBLIC HEALTH SERVICE D 973

Account Number 55-83-30

1. Henry Rosenberg, Assistant Professor..... BY50 \$ 4 500

COLLEGE OF PHARMACY**General**

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Administration.....	\$ 97 466	\$17 440	\$114 906
Chemistry.....	146 854	17 000	163 854
Pharmacognosy and Pharmacology.....	110 726	14 500	125 226
Pharmacy.....	100 058	9 500	109 558
<i>Total, General</i>	<u>\$455 104</u>	<u>\$58 440</u>	<u>\$513 544</u>

Restricted

<i>Organized Research</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Estimated Private Gifts.....		\$ 4 000	\$ 4 000
Estimated Private Gifts.....		4 000	4 000
Estimated U.S. Contracts.....	\$2 000	10 000	12 000
<i>Total, Restricted</i>	<u>\$2 000</u>	<u>\$18 000</u>	<u>\$20 000</u>

Administration

Account Number 05-18-05

1. George L. Webster, Dean.....	BY}	\$ 18 000
Professor of Chemistry.....	AY}	
2. Conrad A. Blomquist, Assistant Dean.....	ZBY50	5 250
(Total Salary)		(10 500)
3. Bernard H. Gold, Assistant Professor of Sociology and Psychology.....	B60	5 000
4. Donald M. Martin, Assistant Professor of English....	B	7 200
5. Martin M. Rosner, Assistant Professor of Pharmacy Administration.....	D	7 200
6. ———, Assistant Professor of Pharmacy Admin- istration.....	D50	4 000
7. Samuel Shkolnik, Lecturer in Pharmaceutical Jurispru- dence.....	D20	1 500
8. Paul A. Oostmeyer, Instructor in English.....	D	5 000
9. 6.00 Full Time Equivalent Assistants.....	E	21 600
Nonacademic Salaries		22 716
<i>Total, Salaries</i>		(97 466)
Wages.....		540
Expense, General		14 100
Contingency.....		1 500
Convention Travel		1 300
<i>Total, Wages, Expense, and Equipment</i>		(17 440)
<i>Total, Administration</i>		<u>\$114 906</u>

Chemistry

Account Number 05-18-10

1. James E. Gearien, Professor and Head of Department. AY	\$ 14 000
2. Ernst R. Kirch, Professor..... AY	11 300
3. Madeleine Barnothy, Associate Professor of Physics... A	8 500
4. Charles W. Clarke, Associate Professor..... A	8 900
5. Ralph Daniels, Associate Professor..... A	9 200
6. Norman R. Joseph, Associate Professor..... A	8 100
7. Alfred J. Perkins, Associate Professor..... A	9 500

8. Ludwig Bauer, Assistant Professor.....	B	8 100
9. Rose Ann Grundman, Assistant Professor of Mathematics.....	B	7 300
10. _____, Assistant Professor.....	B	7 000
11. Alfred C. Core, Instructor in Physics.....	D	5 400
12. Bernard J. Kurtin, Instructor in Physics.....	D	5 800
13. Fred A. Turner, Instructor.....	D	5 000
14. _____, Instructor.....	D	5 000
15. _____, Instructor in Mathematics.....	D	5 200
16. Elwina Bejnarowicz, Assistant.....	E	3 600
17. Bruce D. Martin, Assistant in Physics.....	E	3 600
Nonacademic Salaries		21 354
<i>Total, Salaries</i>		(146 854)
Expense, General		17 000
<i>Total, Wages, Expense, and Equipment</i>		(17 000)
<i>Total, Chemistry</i>		\$163 854

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	\$ 14 000
2. P. D. Carpenter, Associate Professor of Zoology.....	A	8 300
3. Charles A. Reed, Associate Professor of Zoology.....	A	8 000
4. Conrad A. Blomquist, Assistant Professor of Zoology..	ZBY50	5 250
(Total Salary)		(10 500)
5. Allan M. Burkman, Assistant Professor of Pharmacology.....	B	7 500
6. Frank A. Crane, Assistant Professor of Pharmacognosy	BY	9 400
7. Bernard Greenberg, Assistant Professor of Zoology....	B	7 100
8. Ralph W. Morris, Assistant Professor of Pharmacology	B	8 300
9. _____, Assistant Professor of Pharmacology....	D	6 500
10. Aurelia M. Aro, Instructor in Pharmacognosy.....	D	5 000
11. S. J. Smolenski, Instructor in Pharmacognosy.....	DY	5 600
12. _____, Assistant in Zoology.....	E	3 600
Nonacademic Salaries		22 176
<i>Total, Salaries</i>		(110 726)
Expense, General		11 500
Expense, Drug and Horticultural Experiment Station.....		3 000
<i>Total, Wages, Expense, and Equipment</i>		(14 500)
<i>Total, Pharmacognosy and Pharmacology</i>		\$125 226

Pharmacy

Account Number 05-18-20

1. _____, Professor and Head of Department.....	AY	\$ 14 000
2. Dwight L. Deardorff, Professor of Manufacturing Pharmacy.....	AY	11 300
3. Ralph E. Terry, Professor.....	AY	12 000
4. Herbert M. Emig, Associate Professor.....	A	8 600
5. Jean M. Dunbar, Assistant Professor of Manufacturing Pharmacy.....	ZBY27	2 400
(Total Salary)		(8 000)
6. Bernard Ecanow, Assistant Professor.....	D	7 700
7. Frederick Siegel, Assistant Professor.....	D	7 700
8. Stanley V. Susina, Assistant Professor.....	B	8 100
9. Eugene J. Delner, Instructor.....	D	5 200
10. Daniel A. Nona, Assistant.....	E	3 600
11. Casimer Wiczorek, Assistant.....	E	3 600
Nonacademic Salaries		15 858
<i>Total, Salaries</i>		(100 058)
Expense, General		9 500
<i>Total, Wages, Expense, and Equipment</i>		(9 500)
<i>Total, Pharmacy</i>		\$109 558

Stores — Hospital Pharmacy

Account Number 15-05-25

1. W. R. Collins, Chief Pharmacist and Instructor.....	DY	\$ 10 000
2. Ronald P. Betz, Assistant Chief Pharmacist.....	DY	6 500
3. Zinnia Cicenias, Assistant Chief Pharmacist.....	DY	6 500
4. Vernita Williams, Assistant Chief Pharmacist.....	DY	7 200
5. Jean M. Dunbar, Assistant Professor of Manufacturing Pharmacy.....	ZBY73	5 600
(Total Salary)		(8 000)
6. Wilbert Billinger, Registered Pharmacist.....	DY	5 600
7. Sheila Sarnat, Registered Pharmacist.....	DY	6 000
8. Regina J. Tarkowski, Registered Pharmacist.....	DY	6 000
9. Silas S. Wood, Registered Pharmacist.....	DY	6 000
10. ———, Registered Pharmacist.....	DY	6 000
11. ———, Registered Pharmacist.....	DY	5 600
12. Beatriz Werwath, Research Assistant.....	DY	6 000
13. Donald W. Vangor, Pharmacy Resident.....	DY60	1 520
(Perquisites University — room and board)		
14. ———, Pharmacy Resident.....	DY50	780
(Perquisites University — room and board)		
15. Frank T. Zaboretzky, Pharmacy Apprentice.....	DY	4 800
<i>Total, Stores — Hospital Pharmacy.....</i>		<u>\$ 84 100</u>

Stores — Illinois Eye and Ear Infirmary Pharmacy

Account Number 15-05-28

1. John D. Breen, Registered Pharmacist.....	DY	\$ 6 000
2. Nancy Eisenbart, Registered Pharmacist in charge of Hospital Pharmacy	DY	6 200
<i>Total, Stores — Illinois Eye and Ear Infirmary Phar- macy.....</i>		<u>\$ 12 200</u>

GRADUATE COLLEGE**General**

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Administration.....	\$ 7 620	\$ 1 000	\$ 8 620
<i>Organized Research</i>			
Special Graduate Research.....		20 000	20 000
<i>Student Aid</i>			
Graduate Fellowships.....		20 000	20 000
<i>Total, General.....</i>	<u>\$ 7 620</u>	<u>\$41 000</u>	<u>\$48 620</u>

Restricted

<i>Organized Research</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Estimated Indirect Costs.....	\$17 000	\$33 000	\$50 000
<i>Total, Restricted.....</i>	<u>\$17 000</u>	<u>\$33 000</u>	<u>\$50 000</u>

Administration

Account Number 05-19-05

1. Milan V. Novak, Associate Dean.....	ZDY10	\$ 1 860
(Total Salary)		(18 600)
Nonacademic Salaries		5 760
<i>Total, Salaries</i>		<u>(7 620)</u>
Wages.....		100
Expense		900
<i>Total, Wages, Expense, and Equipment.....</i>		<u>(1 000)</u>
<i>Total, Administration</i>		<u>\$ 8 620</u>

Special Graduate Research

Account Number 05-19-25

Expense	\$ 20 000
<i>Total, Special Graduate Research.....</i>	<i>\$ 20 000</i>

Fellowships

Account Number 05-19-50

Stipends of Fellows.....	\$ 20 000
<i>Total, Fellowships</i>	<i>\$ 20 000</i>

COLLEGE OF NURSING

Account Number 05-21-05

1. Emily C. Cardew, Dean.....	BY}	\$ 14 750
Associate Professor	AY}	
2. Mary Sue Evitts, Associate Professor.....	AY	9 500
3. Arlene S. Krieger, Associate Professor.....	A	7 775
4. _____, Associate Professor.....	AY	9 300
5. Edna L. Anderson, Assistant Professor.....	BY	8 200
6. Rachel Bliss, Assistant Professor.....	ZBY10	800
(Total Salary)		(8 000)
7. Helen W. Dunn, Assistant Professor.....	ZBY	.....
8. Alberta Fuller, Assistant Professor.....	B	6 130
9. Lillian G. Oertel, Assistant Professor.....	BY	7 800
10. Wilma J. Phipps, Assistant Professor.....	BY	8 000
11. _____, Assistant Professor.....	D	7 350
12. _____, Assistant Professor.....	BY	8 550
13. Helen O. Ackert, Instructor.....	DY	6 350
14. Zena S. Blau, Instructor.....	D	5 800
15. Doris Molbo, Instructor.....	DY	6 000
16. Jane K. Niles, Instructor.....	DY	6 000
17. Aline O. Young, Instructor.....	DY	6 000
18. _____, Instructor.....	DY	5 500
19. Anita Koch, Assistant.....	DY	4 400
20. Dolores T. Novosel, Assistant.....	DY	5 000
21. Jane C. Sherratt, Assistant.....	DY	5 370
Nonacademic Salaries		16 560
<i>Total, Salaries</i>		<i>(155 135)</i>
Wages.....		1 000
Expense		12 363
Travel.....		500
Equipment		1 200
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(15 063)</i>
<i>Total, College of Nursing.....</i>		<i>\$170 198</i>

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE 2M 6434

Account Number 55-91-10

1. Rachel Bliss, Assistant Professor.....	ZBY90	\$ 7 200
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BROADCASTING

Account Number 05-22-05

Nonacademic Salaries	\$ 18 660
<i>Total, Salaries</i>	<i>(18 660)</i>
Wages.....	100
Expense	2 900
Equipment	300
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(3 300)</i>
<i>Total, Broadcasting</i>	<i>\$ 21 960</i>

DIVISION OF SERVICES FOR CRIPPLED CHILDREN

	General	Wages, Ex- pense, and Equipment	Total
<i>Extension and Public Services</i>	<i>Salaries</i>		
State.....	\$343 100	\$1 308 220	\$1 651 320
<i>Total, General.....</i>	<i>\$343 100</i>	<i>\$1 308 220</i>	<i>\$1 651 320</i>

	Restricted	Wages, Ex- pense, and Equipment	Total
Federal.....	\$314 520	\$217 480	\$532 000
Estimated Private Gifts.....		50 000	50 000
<i>Total, Restricted</i>	<u>\$314 520</u>	<u>\$267 480</u>	<u>\$582 000</u>

State

Account Number 05-23-05			
1. _____, Director.....	BY	\$ 17 000	
2. Edward F. Lis, Associate Professor of Pediatrics.....	ZAY73	11 000	
(Total Salary)		(15 000)	
Nonacademic Salaries, General.....		290 500	
Nonacademic Salaries, Business Office.....		24 540	
<i>Total, Salaries</i>		(343 100)	
Wages.....		2 200	
Expense	I	302 020	
Equipment		4 000	
<i>Total, Wages, Expense, and Equipment</i>		(1 308 220)	
<i>Total, State</i>		<u>\$1 651 320</u>	

Federal

Account Number 55-93-05			
1. _____, Associate Director.....	DY	\$ 11 000	
2. Samuel Pruzansky, Associate Director and Orthopaedic Dentist in the Cleft Palate Center.....	ZDY75	9 000	
(Total Salary)		(10 320)	
3. Emanuel M. Skolnik, Otolaryngologist.....	ZDY20	2 000	
(Total Salary)		(6 900)	
4. John W. Curtin, Plastic Surgeon.....	ZDY30	2 400	
5. Charles R. Elliott, Speech Pathologist.....	ZBY	8 900	
6. Constance Fraser, Instructor.....	ZDY50	3 500	
(Total Salary)		(7 000)	
7. Luis Trevino, Pediatrician.....	ZDY40	2 950	
(Total Salary)		(7 350)	
Nonacademic Salaries, General.....		264 270	
Nonacademic Salaries, Business Office.....		10 500	
<i>Total, Salaries</i>		(314 520)	
Wages.....		2 000	
Expense		212 480	
Equipment		3 000	
<i>Total, Wages, Expense, and Equipment</i>		(217 480)	
<i>Total, Federal</i>		<u>\$532 000</u>	

PHYSICAL EDUCATION**Physical Education for Men**

Account Number 05-24-05			
1. John W. Brown, Assistant Professor.....	BY	\$ 8 100	
Nonacademic Salaries		4 590	
<i>Total, Salaries</i>		(12 690)	
Wages.....		1 700	
Expense		2 150	
Equipment		350	
<i>Total, Wages, Expense, and Equipment</i>		(4 200)	
<i>Total, Physical Education for Men</i>		<u>\$ 16 890</u>	

AEROMEDICAL AND PHYSICAL ENVIRONMENT LABORATORY

Account Number 05-25-05			
1. John P. Marbarger, Director of Research.....	ZBY	\$ 16 000	
2. Victor Guillemin, Biophysicist.....	ZBY	12 800	
3. Sabath F. Marotta, Research Associate.....	ZDY	7 800	
4. _____, Research Assistant.....	DY	6 000	

Nonacademic Salaries	30 060
<i>Total, Salaries</i>	(72 660)
Wages.....	2 000
Expense, General	12 650
Expense, Electron Microscope.....	1 900
Equipment	2 250
<i>Total, Wages, Expense, and Equipment</i>	(18 800)
<i>Total, Aeromedical and Physical Environment Laboratory</i>	\$ 91 460

INSTITUTION FOR TUBERCULOSIS RESEARCH

Account Number 03-26-10

1. Sol Roy Rosenthal, Director.....	ZBY70	\$ 11 200
2. Tatsuichiro Hashimoto, Research Associate.....	DY	7 500
3. Alonzo Kenniebrew, Research Assistant.....	DY	5 040
Nonacademic Salaries		31 050
<i>Total, Salaries</i>		(54 790)
Wages.....		1 460
Expense		14 600
Equipment		300
<i>Total, Wages, Expense, and Equipment</i>		(16 360)
<i>Total, Institution for Tuberculosis Research</i>		\$ 71 150

RESEARCH AND EDUCATIONAL HOSPITALS

General		Wages, Ex- pense, and Equipment	
<i>Organized Activities Relating to Instruction</i>	<i>Salaries</i>		<i>Total</i>
Administration.....	\$ 145 290	\$ 58 297	\$ 203 587
Admissions.....	57 504	10 500	68 004
Anesthesiology.....	9 120	45 100	54 220
Central Supply.....	72 132	72 860	144 992
Clinics.....	266 720	47 600	314 320
Dietetics.....	105 980	622 670	728 650
Emergency Service.....	53 310	31 420	84 730
House Staff.....		335 300	335 300
Laboratory.....	222 732	95 223	317 955
Linen Service.....	24 660	122 500	147 160
Medical Records.....	142 050	43 180	185 230
Nursing General.....	1 489 570	759 954	2 249 524
Nurses Residence.....	7 950	6 780	14 730
Operating and Recovery Rooms.....	191 532	132 830	324 362
Orthopaedic Brace Shop.....	7 920	3 850	11 770
Pathology.....	55 278	17 900	73 178
Patient Drugs.....		187 920	187 920
Physical Medicine and Rehabilitation.....	85 070	10 044	95 114
Radiology.....	127 422	144 400	271 822
Ward Equipment.....		40 000	40 000
<i>Total, General</i>	\$3 064 240	\$2 788 328	\$5 852 568

Restricted		Wages, Ex- pense, and Equipment	
<i>Organized Activities Relating to Instruction</i>	<i>Salaries</i>		<i>Total</i>
Blood Bank Revolving.....		\$ 40 000	\$ 40 000
Brace Shop Revolving.....	\$ 7 000	1 500	8 500
Respiratory Center Revolving.....	70 932	38 305	109 237
Ophthalmology Revolving.....	26 350	54 000	80 350
Estimated Private Gifts.....	14 000	4 000	18 000
<i>Total, Restricted</i>	\$118 282	\$137 805	\$256 087

Administration

Account Number 05-27-05

1. Donald J. Caseley, Medical Director.....	ZBY	\$ 23 500
2. Myron C. Benford, Associate Medical Director.....	ZDY	.....

3. Harry G. Higgins, Administrator.....	DY	13 100
4. J. E. Millizen, Administrator, <i>Emeritus</i>	R	.....
Nonacademic Salaries		108 690
<i>Total, Salaries</i>		(145 290)
Wages.....		7 997
Expense		16 200
Malpractice Insurance		4 500
Convention Travel		600
Equipment.....		4 000
Contingent.....		25 000
<i>Total, Wages, Expense, and Equipment</i>		(58 297)
<i>Total, Administration</i>		\$203 587

Admissions

Account Number 05-27-10		
1. Myron C. Benford, Director of Admissions.....	ZBY	.....
Nonacademic Salaries		\$ 57 504
<i>Total, Salaries</i>		(57 504)
Wages.....		4 800
Expense		5 200
Equipment		500
<i>Total, Wages, Expense, and Equipment</i>		(10 500)
<i>Total, Admissions</i>		\$ 68 004

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		\$ 9 120
<i>Total, Salaries</i>		(9 120)
Wages.....		1 600
Expense		41 500
Equipment		2 000
<i>Total, Wages, Expense, and Equipment</i>		(45 100)
<i>Total, Anesthesiology</i>		\$ 54 220

Central Supply

Account Number 05-27-15		
Nonacademic Salaries		\$ 72 132
<i>Total, Salaries</i>		(72 132)
Wages.....		1 860
Expense		69 000
Equipment		2 000
<i>Total, Wages, Expense, and Equipment</i>		(72 860)
<i>Total, Central Supply</i>		\$144 992

Clinics

Account Number 05-27-20		
1. Myron C. Benford, Director.....	ZDY67	\$ 11 250
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	7 850
5. Thomas K. Barber, Clinical Associate Professor of Surgery.....	ZAY	.....
Nonacademic Salaries		247 620
<i>Total, Salaries</i>		(266 720)
Wages.....		14 900
Wages, Center for Handicapped Children.....		200
Expense		25 000
Expense, Center for Handicapped Children.....		5 000
Equipment		2 500
<i>Total, Wages, Expense, and Equipment</i>		(47 600)
<i>Total, Clinics</i>		\$314 320

Dietetics

Account Number 05-27-25

Nonacademic Salaries	\$105 980
<i>Total, Salaries</i>	(105 980)
Wages.....	315 050
Expense	302 620
Equipment	5 000
<i>Total, Wages, Expense, and Equipment</i>	(622 670)
<i>Total, Dietetics</i>	\$728 650

Emergency Service

Account Number 05-27-27

1. John H. Schneewind, Chief.....	ZBY	.....
Nonacademic Salaries		\$ 53 310
<i>Total, Salaries</i>		(53 310)
Wages.....		18 420
Expense		12 000
Equipment		1 000
<i>Total, Wages, Expense, and Equipment</i>		(31 420)
<i>Total, Emergency Service</i>		\$ 84 730

House Staff

Account Number 05-27-28

Wages, Hospital		
39 First-year Residents		\$ 75 930
(Perquisites Employee — board)		(18 252)
26 Second-year Residents		57 720
(Perquisites Employee — board)		(12 168)
19 Third-year Residents		49 020
(Perquisites Employee — board)		(8 892)
9 Fourth-year Residents		26 460
(Perquisites Employee — board)		(4 212)
38 Interns.....		36 480
(Perquisites University — room and board)		
Wages, Illinois Eye and Ear Infirmary		
12 First-year Residents		22 740
(Perquisites Employee — board)		(5 616)
14 Second-year Residents		30 730
(Perquisites Employee — board)		(6 552)
4 Third-year Residents		10 220
(Perquisites Employee — board)		(1 792)
Expense		22 480
Housing, Female Staff.....		2 520
Equipment		1 000
<i>Total, House Staff</i>		\$335 300

Laboratory

Account Number 05-27-30

1. John B. Fuller, Director.....	ZBY	.....
2. Donald R. Russ, Associate Director.....	ZBY	.....
3. S. A. Levinson, Consultant.....	ZAY	.....
4. Esther L. Cheatle, Assistant Director.....	ZBY	.....
Nonacademic Salaries		\$222 732
<i>Total, Salaries</i>		(222 732)
Wages.....		20 223
Expense		62 000
Equipment		4 000
<i>Total, Wages, Expense, and Equipment</i>		(95 223)
<i>Total, Laboratory</i>		\$317 955

Blood Bank Revolving

Account Number 07-27-10

Wages.....	\$ 10 000
Expense	30 000
<i>Total, Blood Bank Revolving.....</i>	<u>\$ 40 000</u>

Linen Service

Account Number 05-27-35

Nonacademic Salaries	\$ 24 660
<i>Total, Salaries</i>	<u>(24 660)</u>
Wages.....	4 000
Expense	118 000
Equipment	500
<i>Total, Wages, Expense, and Equipment.....</i>	<u>(122 500)</u>
<i>Total, Linen Service.....</i>	<u>\$147 160</u>

Medical Records

Account Number 05-27-40

Nonacademic Salaries	\$142 050
<i>Total, Salaries</i>	<u>(142 050)</u>
Wages.....	6 180
Expense	36 000
Equipment	1 000
<i>Total, Wages, Expense, and Equipment.....</i>	<u>(43 180)</u>
<i>Total, Medical Records.....</i>	<u>\$185 230</u>

Nursing**General**

Account Number 05-27-45

1. Helen W. Dunn, Director.....	ZDY \$ 10 864
(Perquisites University — one meal)	
Nonacademic Salaries, General.....	1 027 158
Nonacademic Salaries, Illinois Eye and Ear Infirmary.....	202 128
Nonacademic Salaries, Neuropsychiatric Institute.....	249 420
<i>Total, Salaries</i>	<u>(1 489 570)</u>
Wages, General	461 708
Wages, Illinois Eye and Ear Infirmary.....	80 270
Wages, Neuropsychiatric Institute.....	139 090
Expense	77 386
Equipment	1 500
<i>Total, Wages, Expense, and Equipment.....</i>	<u>(759 954)</u>
<i>Total, General</i>	<u>\$2 249 524</u>

Nurses' Residence

Account Number 05-27-50

Nonacademic Salaries	\$ 7 950
<i>Total, Salaries</i>	<u>(7 950)</u>
Wages.....	2 000
Expense, Housing Nurses.....	3 780
Equipment	1 000
<i>Total, Wages, Expense, and Equipment.....</i>	<u>(6 780)</u>
<i>Total, Nurses' Residence.....</i>	<u>\$ 14 730</u>

Operating and Recovery Rooms

Account Number 05-27-55

1. Warren H. Cole, Surgeon-in-Chief.....	ZAY
Nonacademic Salaries	\$191 532
<i>Total, Salaries</i>	<u>(191 532)</u>
Wages.....	47 080
Expense	82 750
Equipment	3 000
<i>Total, Wages, Expense, and Equipment.....</i>	<u>(132 830)</u>
<i>Total, Operating and Recovery Rooms.....</i>	<u>\$324 362</u>

Orthopaedic Brace Shop

Account Number 05-27-60

Nonacademic Salaries	\$ 7 920
<i>Total, Salaries</i>	(7 920)
Wages.....	.....
Expense	3 000
Equipment	850
<i>Total, Wages, Expense, and Equipment</i>	(3 850)
<i>Total, Orthopaedic Brace Shop</i>	\$ 11 770

Brace Shop Revolving

Account Number 07-27-05

Nonacademic Salaries	\$ 7 000
<i>Total, Salaries</i>	(7 000)
Wages.....	500
Expense	1 000
<i>Total, Wages, Expense, and Equipment</i>	(1 500)
<i>Total, Brace Shop Revolving</i>	\$ 8 500

Pathology

Account Number 05-27-65

1. Cecil A. Krakower, Pathologist-in-Chief.....	ZAY	.....
2. Conrad L. Pirani, Pathologist.....	ZAY	.....
3. Elizabeth A. McGrew, Associate Pathologist.....	ZAY	.....
4. Martin Swerdlow, Associate Pathologist.....	ZAY	.....
5. Cesar Somoza, Assistant Pathologist.....	ZBY	.....
6. Hartmann Friederici, Assistant Pathologist.....	ZDY	.....
Nonacademic Salaries		\$ 55 278
<i>Total, Salaries</i>		(55 278)
Wages.....		3 400
Expense		12 500
Equipment		2 000
<i>Total, Wages, Expense, and Equipment</i>		(17 900)
<i>Total, Pathology</i>		<u>\$ 73 178</u>

Patient Drugs

Account Number 05-27-70

Expense	\$187 920
<i>Total, Patient Drugs</i>	\$187 920

Physical Medicine and Rehabilitation

Account Number 05-27-75

Record Number 85-27-73		
1. David I. Abramson, Chief.....	ZAY	.....
2. Clara J. Fleischer, Assistant Chief.....	ZBY	.....
Nonacademic Salaries.....		\$ 85 070
<i>Total, Salaries</i>		(85 070)
Wages.....		1 500
Expense.....		5 044
Equipment.....		3 500
<i>Total, Wages, Expense, and Equipment</i>		(10 044)
<i>Total, Physical Medicine and Rehabilitation</i>		\$ 95 114

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	\$127 422
<i>Total, Salaries</i>	(127 422)
Wages.....	32 400
Expense	106 000
Equipment	6 000
<i>Total, Wages, Expense, and Equipment</i>	(144 400)
<i>Total, Radiology</i>	\$271 822

Respiratory Center Revolving

Account Number 07-27-25		
1. Mark H. Lepper, Consulting Director.....	ZAY	.....
2. George A. Saxton, Director of Research with rank of Associate Professor	ZDY	.....
Nonacademic Salaries		\$ 70 932
<i>Total, Salaries</i>		(70 932)
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>		\$109 237

Ward Equipment

Account Number 05-27-90		
Expense		\$ 15 000
Equipment		25 000
<i>Total, Ward Equipment</i>		\$ 40 000

Ophthalmology Revolving

Account Number 07-27-15		
1. P. C. Kronfeld, Ophthalmologist-in-Chief, Illinois Eye and Ear Infirmary.....	ZAY	.....
Nonacademic Salaries		\$ 26 350
Expense		54 000
<i>Total, Ophthalmology Revolving</i>		\$ 80 350

LIBRARY

Account Number 05-33-05		
1. Wilma Troxel, Librarian.....	BY}	\$11 000
Professor of Library Administration.....	AY}	
2. Lorena Clarke, Catalog Librarian with rank of Assistant Professor	BY	7 700
3. Margaret M. Bates, Assistant Librarian, <i>Emerita</i>	R	.....
4. Mary J. Campbell, Acquisition Librarian with rank of Assistant Professor	BY	7 350
5. Charles Z. Hughes, Serials Librarian with rank of Instructor.....	DY	6 450
6. Martha Kona, Cataloger with rank of Instructor.....	DY	5 500
7. Aletha Kowitz, Circulation and Reference Assistant with rank of Instructor.....	DY	6 000
8. Clara L. Meckel, Circulation and Reference Librarian with rank of Instructor.....	DY	6 850
9. Dorothea M. Wheeler, Pharmacy Reference Librarian with rank of Instructor.....	G	.....
(On disability leave without pay — University Retirement System)		
Nonacademic Salaries		27 690
<i>Total, Salaries</i>		(78 540)
Wages.....		5 000
Expense		3 500
Equipment		2 100
Library Additions		45 000
<i>Total, Wages, Expense, and Equipment</i>		(55 600)
<i>Total, Library</i>		\$134 140

PHYSICAL PLANT

General		<i>Wages, Ex- pense, and Equipment</i>	
	<i>Salaries</i>		<i>Total</i>
Administration.....	\$114 168	\$ 19 930	\$ 134 098
Building Operation.....	32 720	601 136	633 856
Police and Watchmen.....	8 600	117 368	125 968
Building Maintenance.....	67 499	530 656	598 155
Grounds Maintenance.....	7 700	63 020	70 720
Heat, Light, and Power.....	9 360	753 056	762 416
Union Building.....	.....	15 590	15 590
Medical Center Steam Plant.....	.....	458 077	458 077
<i>Total, General</i>	<u>\$240 047</u>	<u>\$2 558 833</u>	<u>\$2 798 880</u>

Restricted		<i>Wages, Ex- pense, and Equipment</i>	
	<i>Salaries</i>		<i>Total</i>
Second Unit of Dentistry-Medicine-Phar- macy Building.....	.....	\$ 255 000	\$ 255 000
<i>Auxiliary Enterprises</i>			
Chicago Union Building Operation.....	\$ 11 721	14 459	26 180
Illini Union Food Service.....	13 191	160 026	173 217
Tenant Properties.....	.....	10 618	10 618
Hospital Addition Snack Bar.....	2 760	87 083	89 843
Staff Apartments.....	.....	155 698	155 698
Student Residence Hall.....	31 730	403 714	435 444
Tenant Properties.....	.....	18 407	18 407
<i>Total, Auxiliary Enterprises</i>	<u>(59 402)</u>	<u>(850 005)</u>	<u>(909 407)</u>
<i>Total, Restricted</i>	<u>\$ 59 402</u>	<u>\$1 105 005</u>	<u>\$1 164 407</u>

Administration

Account Number 05-36-02			
1. H. W. Pearce, Associate Director.....	ZDY	\$ 15 250	
Nonacademic Salaries		98 918	
<i>Total, Salaries</i>		(114 168)	
Wages.....		920	
Expense		17 400	
Equipment.....		1 610	
<i>Total, Wages, Expense, and Equipment</i>		(19 930)	
<i>Total, Administration</i>		\$134 098	

Building Operation

Account Number 05-36-04			
Nonacademic Salaries		\$ 32 720	
<i>Total, Salaries</i>		(32 720)	
Wages.....		557 323	
Expense		40 813	
Equipment.....		3 000	
<i>Total, Wages, Expense, and Equipment</i>		(601 136)	
<i>Total, Building Operation</i>		\$633 856	

Police and Watchmen

Account Number 05-36-06			
Nonacademic Salaries		\$ 8 600	
<i>Total, Salaries</i>		(8 600)	
Wages.....		108 880	
Expense		8 238	
Equipment.....		250	
<i>Total, Wages, Expense, and Equipment</i>		(117 368)	
<i>Total, Police and Watchmen</i>		\$125 968	

Building Maintenance

Account Number 05-36-08	
Nonacademic Salaries	\$ 67 499
<i>Total, Salaries</i>	(67 499)
Wages, General	330 168
Wages, Renewals and Replacements	104 015
Expense, General	44 839
Expense, Renewals and Replacements	49 658
Equipment	1 976
<i>Total, Wages, Expense, and Equipment</i>	(530 656)
<i>Total, Building Maintenance</i>	<u>\$598 155</u>

Grounds Maintenance

Account Number 05-36-60	
Nonacademic Salaries	\$ 7 700
<i>Total, Salaries</i>	(7 700)
Wages	55 249
Expense	7 221
Equipment	550
<i>Total, Wages, Expense, and Equipment</i>	(63 020)
<i>Total, Grounds Maintenance</i>	<u>\$ 70 720</u>

Heat, Light, and Power

Account Number 05-36-65	
Nonacademic Salaries	\$ 9 360
<i>Total, Salaries</i>	(9 360)
Wages	254 625
Expense	497 556
Equipment	875
<i>Total, Wages, Expense, and Equipment</i>	(753 056)
<i>Total, Heat, Light, and Power</i>	<u>\$762 416</u>

Chicago Illini Union Building

Account Number 05-36-75	
Food Service	\$ 9 290
Use of Facilities	6 300
<i>Total, Chicago Illini Union Building</i>	<u>\$ 15 590</u>

Second Unit of Dentistry-Medicine-Pharmacy Building

Account Number 03-36-80	
Wages	\$110 490
Expense	35 010
Debt Service	109 500
<i>Total, Second Unit of Dentistry-Medicine-Pharmacy Building</i>	<u>\$255 000</u>

Medical Center Steam Plant

Account Number 05-36-85	
Expense	\$458 077
<i>Total, Medical Center Steam Plant</i>	<u>\$458 077</u>

Auxiliary Enterprises**Chicago Illini Union Building Operation**

Account Number 15-15-15	
Nonacademic Salaries	\$ 11 721
<i>Total, Salaries</i>	(11 721)
Wages	5 337
Expense	9 122
<i>Total, Wages, Expense, and Equipment</i>	(14 459)
<i>Total, Chicago Illini Union Building Operation</i>	<u>\$ 26 180</u>

Chicago Illini Union Food Service

Account Number 15-15-16

Nonacademic Salaries	\$ 13 191
<i>Total, Salaries</i>	(13 191)
Wages.....	60 328
Expense	99 698
<i>Total, Wages, Expense, and Equipment</i>	(160 026)
<i>Total, Chicago Illini Union Food Service</i>	\$173 217

Trust — Housing Division Administration

Account Number 62-10-10

1. F. C. Dalla, Director of Chicago Housing Division.... ZDY	\$ (10 300)
Nonacademic Salaries	(22 320)
<i>Total, Salaries</i>	(32 620)
Wages.....	(190)
Expense	(4 335)
<i>Total, Wages, Expense, and Equipment</i>	(4 525)
<i>Total, Trust — Housing Division Administration</i>	\$(37 145)

Trust — Staff Apartments

Account Number 62-10-11

Wages.....	\$ 10 675
Expense	145 023
<i>Total, Trust — Staff Apartments</i>	\$155 698

Trust — Student Residence Hall

Account Number 62-10-12

1. 1.00 Full Time Equivalent Assistants..... G	\$ 4 000
Nonacademic Salaries	27 730
<i>Total, Salaries</i>	(31 730)
Wages.....	120 301
Expense	283 413
<i>Total, Wages, Expense, and Equipment</i>	(403 714)
<i>Total, Trust — Student Residence Hall</i>	\$435 444

Trust — Tenant Properties

Account Number 62-10-13

Expense	\$ 18 407
<i>Total, Trust — Tenant Properties</i>	\$ 18 407

Tenant Properties

Account Number 15-15-05

Expense	\$ 10 618
<i>Total, Tenant Properties</i>	\$ 10 618

Hospital Addition Snack Bar

Account Number 15-15-10

Nonacademic Salaries	\$ 2 760
<i>Total, Salaries</i>	(2 760)
Wages.....	34 887
Expense	52 196
<i>Total, Wages, Expense, and Equipment</i>	(87 083)
<i>Total, Hospital Addition Snack Bar</i>	\$ 89 843

STUDENT AID

	Restricted	Wages, Ex- pense, and Equipment	Total
Estimated Endowment Income.....	Salaries	\$ 2 500	\$ 2 500
Estimated Private Gifts		8 000	8 000
Estimated U.S. Contracts		37 000	37 000
<i>Total, Restricted</i>		\$47 500	\$47 500

CHICAGO UNDERGRADUATE DIVISION

APPROPRIATIONS

General		Wages, Ex- pense, and Equipment	Total
	Salaries		
<i>Administration and General</i>	\$ 434 900	\$123 700	\$ 558 600
<i>Instruction</i>			
Liberal Arts and Sciences.....	1 200 330	65 700	1 266 030
Engineering.....	511 458	45 900	557 358
Commerce and Business Administration...	170 420	3 850	174 270
Physical Education.....	145 140	19 000	164 140
Armed Forces.....	3 630	2 960	6 590
Summer Session.....	106 000	.....	106 000
<i>Total, Instruction</i>	(2 136 978)	(137 410)	(2 274 388)
<i>Library</i>	126 270	42 700	168 970
<i>Physical Plant</i>	52 101	854 908	907 009
<i>Total, General</i>	\$2 750 249	\$1 158 718	\$3 908 967

Restricted		Wages, Ex- pense, and Equipment	Total
	Salaries		
<i>Administration and General</i>	\$ 720	\$ 2 500	\$ 3 220
<i>Auxiliary Enterprises</i>			
Administration and General.....	56 410	294 300	350 710
Physical Education.....	12 300	32 500	44 800
Physical Plant.....	15 669	195 315	210 984
<i>Total, Auxiliary Enterprises</i>	(84 379)	(522 115)	(606 494)
<i>Total, Restricted</i>	\$85 099	\$524 615	\$609 714

ADMINISTRATION AND GENERAL

General		Wages, Ex- pense, and Equipment	Total
Administration and General			
Dean's Office.....	\$ 39 300	\$ 34 700	\$ 74 000
Student Counseling Service.....	115 900	16 700	132 600
Business Office.....	62 370	9 800	72 170
Admissions and Records.....	92 420	43 000	135 420
Nonacademic Personnel.....	15 400	3 650	19 050
Dean of Students.....	37 560	4 800	42 360
Health Service.....	62 200	5 850	68 050
Public Information.....	9 750	5 200	14 950
Total, General.....	\$434 900	\$123 700	\$558 600

Restricted		Wages, Ex- pense, and Equipment	Total
<i>Administration and General</i>	<i>Salaries</i>		
Estimated Indirect Costs.....	\$ 720	\$ 2 500	\$ 3 220
<i>Auxiliary Enterprises</i>			
Bookstore.....	47 350	215 500	262 850
Student Activities.....	.....	16 600	16 600
Faculty Committee Student Activities Book- store.....	.....	6 000	6 000
Student Hospital and Medical Services.....	9 060	56 200	65 260
<i>Total, Auxiliary Enterprises</i>	<u>(56 410)</u>	<u>(294 300)</u>	<u>(350 710)</u>
<i>Total, Restricted</i>	<u>\$57 130</u>	<u>\$296 800</u>	<u>\$353 930</u>

Dean's Office

Account Number 70-05-05		
1. C. C. Caveny, Executive Dean.....	BY}	\$ 17 000
With rank of Professor.....	AY}	

2. Harold N. Cooley, Assistant Dean.....	BY	11 500
Nonacademic Salaries		10 800
<i>Total, Salaries</i>		(39 300)
Wages.....		210
Expense		12 890
Expense, General Publications.....		11 000
Contingent.....		10 000
Nonrecurring Unassigned		(5 000)
Equipment		600
<i>Total, Wages, Expense, and Equipment</i>		(34 700)
<i>Total, Dean's Office</i>		\$ 74 000

Student Counseling Service

Account Number 70-05-10		
1. Paul C. Greene, Director.....	ZBY	\$ 12 400
2. Kenneth W. Eells, Assistant Director.....	ZBY	11 000
3. Harold Klehr, Assistant Director.....	ZBY	11 000
4. Jean H. Baer, Counselor.....	ZBY	9 000
5. Louis A. Berman, Counselor.....	ZBY	7 900
6. Lucy C. Zaccaria, Counselor.....	ZBY	7 900
7. James W. Creaser, Counselor.....	ZDY	6 400
8. Daniel L. Heftel, Counselor.....	ZDY ⁷⁵	5 600
9. Laurette A. Kirstein, Counselor.....	ZD ²⁵	1 700
(Total Salary)		(6 800)
10. Robert L. Miller, Counselor.....	ZD ²⁵	1 500
(Total Salary)		(6 000)
11. _____, Counselor	BY	8 200
12. _____, Counselor	B ²⁵	1 850
13. Marie L. Johnson, Psychometrist.....	DY	5 400
14. _____, Assistant Psychometrist.....	DY	4 800
15. Summer Session Salaries.....		3 490
Nonacademic Salaries		17 760
<i>Total, Salaries</i>		(115 900)
Wages.....		2 330
Expense		12 810
Convention Travel		360
Equipment		1 200
<i>Total, Wages, Expense, and Equipment</i>		(16 700)
<i>Total, Student Counseling Service</i>		\$132 600

Business Office

Account Number 70-05-15		
1. H. A. Hazleton, Business Manager of Chicago Colleges and Divisions	ZDY	.....
Nonacademic Salaries		\$ 62 370
<i>Total, Salaries</i>		(62 370)
Wages.....		2 500
Expense		6 300
Expense, Veterans' Administration Authority.....		(2 500)
Equipment		1 000
<i>Total, Wages, Expense, and Equipment</i>		(9 800)
<i>Total, Business Office</i>		\$ 72 170

Auxiliary — Bookstore

Account Number 75-15-20		
Nonacademic Salaries		\$ 47 350
<i>Total, Salaries</i>		(47 350)
Wages.....		4 500
Expense		210 000
Equipment		1 000
<i>Total, Wages, Expense, and Equipment</i>		(215 500)
<i>Total, Auxiliary — Bookstore</i>		\$262 850

Veterans' Certification

Account Number 88-05-15

Nonacademic Salaries	\$ 720
Expense	2 500
<i>Total, Veterans' Certificate.</i>	<u>\$ 3 220</u>

Admissions and Records

Account Number 70-05-20

1. Harold E. Temmer, Associate Dean.....	DY	\$ 12 440
Nonacademic Salaries		79 980
<i>Total, Salaries</i>		<u>(92 420)</u>
Wages.....		9 900
Expense		32 800
Equipment		300
<i>Total, Wages, Expense, and Equipment</i>		<u>(43 000)</u>
<i>Total, Admissions and Records</i>		<u>\$135 420</u>

Nonacademic Personnel

Account Number 70-05-25

Nonacademic Salaries	\$ 15 400
<i>Total, Salaries</i>	<u>(15 400)</u>
Wages.....	300
Expense	3 350
<i>Total, Wages, Expense, and Equipment</i>	<u>(3 650)</u>
<i>Total, Nonacademic Personnel</i>	<u>\$ 19 050</u>

Dean of Students

Account Number 70-05-30

1. W. O. Brown, Associate Dean.....	BY	\$ 12 000
2. Agnes G. Tandberg, Dean of Women.....	BY	9 500
3. Merton S. Zahrt, Assistant to the Dean of Students....	ZBY44	3 550
<i>(Total Salary)</i>		<u>(8 050)</u>
Nonacademic Salaries		12 510
<i>Total, Salaries</i>		<u>(37 560)</u>
Wages.....		1 450
Expense		3 150
Equipment		200
<i>Total, Wages, Expense, and Equipment</i>		<u>(4 800)</u>
<i>Total, Dean of Students</i>		<u>\$ 42 360</u>

Auxiliary — Student Activities

Account Number 75-15-15

Expense	\$ 16 600
<i>Total, Auxiliary — Student Activities</i>	<u>\$ 16 600</u>

Auxiliary — Faculty Committee Student Activities Bookstore

Account Number 75-15-16

Expense	\$ 6 000
<i>Total, Auxiliary — Faculty Committee Student Activities Bookstore</i>	<u>\$ 6 000</u>

Auxiliary — Student Hospital and Medical Services

Account Number 75-15-30

1. Merton S. Zahrt, Assistant to Dean of Students.....	ZBY56	\$ 4 500
<i>(Total Salary)</i>		<u>(8 050)</u>
Nonacademic Salaries		4 560
<i>Total, Salaries</i>		<u>(9 060)</u>
Expense		1 200
Premiums.....		55 000
<i>Total, Wages, Expense, and Equipment</i>		<u>(56 200)</u>
<i>Total, Auxiliary — Student Hospital and Medical Services</i>		<u>\$ 65 260</u>

Health Service

Account Number 70-05-35

1. H. Gordon Reid, Director.....	BY}	
Associate Professor of Hygiene.....	AY}	\$ 12 500
2. Helen M. Kostka, Medical Adviser for Women, and Associate Professor of Hygiene.....	AY	11 000
3. Gloria Hilker, Assistant Professor of Hygiene.....	BY50	5 250
4. Fred Madenburg, Medical Adviser for Men, and Assist- ant Professor of Hygiene.....	BY50	5 250
5. Glendon E. Rayson, Medical Adviser for Men, and As- sistant Professor of Hygiene.....	DY50	5 250
6. Harold W. Spies, Instructor in Hygiene.....	D25	1 800
7. ———, Instructor in Hygiene.....	DY60	3 550
Nonacademic Salaries		17 600
<i>Total, Salaries</i>		(62 200)
Wages.....		850
Expense		4 500
Equipment		500
<i>Total, Wages, Expense, and Equipment</i>		(5 850)
<i>Total, Health Service</i>		\$ 68 050

Public Information

Account Number 70-05-45

1. John H. Worthington, Chicago Manager of Public In- formation.....	ZDY	.....
Nonacademic Salaries		\$ 9 750
<i>Total, Salaries</i>		(9 750)
Wages.....		1 600
Expense		3 400
Equipment		200
<i>Total, Wages, Expense, and Equipment</i>		(5 200)
<i>Total, Public Information</i>		\$ 14 950

LIBERAL ARTS AND SCIENCES**General**

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Administration.....	\$ 33 380	\$ 8 650	\$ 42 030
Biological Sciences.....	120 790	14 800	135 590
Humanities.....	450 440	6 400	456 840
Mathematics.....	191 200	1 800	193 000
Physical Sciences.....	234 200	30 850	265 050
Social Sciences.....	170 320	3 200	173 520
<i>Total, General</i>	\$1 200 330	\$65 700	\$1 266 030

Administration

Account Number 70-10-05

1. H. W. Bailey, Associate Dean.....	ZBY	\$ 15 250
2. W. C. Jackman, Assistant Dean.....	ZBY50	5 000
(Total Salary)		(8 500)
3. Ellis B. Little, Assistant Dean.....	ZBY50	4 700
(Total Salary)		(8 300)
Nonacademic Salaries		8 430
<i>Total, Salaries</i>		(33 380)
Wages.....		650
Expense		4 140
Convention Travel		3 360
Equipment		500
<i>Total, Wages, Expense, and Equipment</i>		(8 650)
<i>Total, Administration</i>		\$ 42 030

Biological Sciences

Account Number 70-10-10

1. Max C. Shank, Associate Professor.....	A }	\$ 9 000
Chairman of Division.....	B }	
2. William Sangster, Professor.....	A	9 000
3. Sidney F. Glassman, Associate Professor.....	A	7 900
4. Kenneth M. Madison, Associate Professor.....	A	8 600
5. Arthur D. Pickett, Associate Professor.....	A	8 900
6. A. S. Rouffa, Associate Professor.....	A	8 800
(On leave with one-half pay 1959-60)		
7. Ellis B. Little, Assistant Professor.....	ZB50	3 600
(Total Salary)		(8 300)
8. John T. Newell, Assistant Professor.....	B	6 000
9. Halina J. Presley, Assistant Professor.....	B	6 400
10. David Shomay, Assistant Professor.....	B	6 700
11. James A. Bond, Instructor.....	D	5 600
12. Catherine H. Claar, Instructor.....	D	4 800
13. Charles L. Scudder, Instructor.....	D	4 500
14. Charles N. Spirakis, Instructor.....	D	6 200
15. _____, Instructor	D	4 500
16. _____, Assistant	E	4 000
17. _____, Assistant	E	4 200
Nonacademic Salaries		12 090
Total, Salaries		(120 790)
Wages.....		1 150
Expense		11 650
Equipment		2 000
Total, Wages, Expense, and Equipment.....		(14 800)
Total, Biological Sciences.....		\$135 590

Humanities

Account Number 70-10-15

1. E. B. Vest, Professor of English and Head of Division of Humanities	A	\$ 11 600
2. Wayne N. Thompson, Professor of Speech.....	A	9 600
(On leave with pay second semester 1959-60)		
3. Hazel Vardaman, Professor of Foreign Languages....	A	9 200
4. Arnold J. Hartoch, Associate Professor of Foreign Languages	A	7 800
5. Marie E. Lein, Associate Professor of Foreign Languages.....	A	7 600
6. Constance Nicholas, Associate Professor of English..	A	7 600
7. Carl A. Pitt, Associate Professor of Speech.....	A	7 600
8. Jose Sanchez, Associate Professor of Foreign Languages.....	A	8 600
9. William M. Schuyler, Professor of Foreign Languages	A	9 000
10. Ernest S. Willner, Associate Professor of Foreign Languages	A	7 800
11. Jack D. Arnold, Assistant Professor of Speech.....	B	6 000
12. Irving D. Blum, Assistant Professor of English.....	B	7 200
13. Edwin R. Fissinger, Assistant Professor of Music....	B	6 800
14. J. B. Fuller, Assistant Professor, <i>Emeritus</i>	R	.....
15. W. C. Jackman, Assistant Professor of English.....	ZB50	3 500
(Total Salary)		(8 500)
16. Falk S. Johnson, Assistant Professor of English.....	B	7 800
17. John C. Johnson, Assistant Professor of English....	B	6 400
18. Moreen Jordan, Assistant Professor of English.....	B	6 800
19. A. Karanikas, Assistant Professor of English.....	B	6 800
20. Robert Kauf, Assistant Professor of Foreign Languages.....	B	7 000
(On leave with one-half pay 1959-60)		
21. Anna W. Kenny, Assistant Professor of English.....	D	6 200

22. Bernard R. Kogan, Assistant Professor of English.... B (On leave with pay second semester 1959-60)	7 200
23. Zelma B. Leonhard, Assistant Professor of English.. B	6 600
24. John O. Marsh, Jr., Assistant Professor of Foreign Languages..... B	7 000
25. Sonia Miller, Assistant Professor of English..... B	6 600
26. Harry J. Runyan, Assistant Professor of English.... B	6 800
27. Andrew Schiller, Assistant Professor of English..... B	7 400
28. James B. Stronks, Assistant Professor of English..... B	7 000
29. Elizabeth Teichmann, Assistant Professor of Foreign Languages..... B	6 600
30. Samuel A. Weiss, Assistant Professor of English.... B	6 400
31. Maurita F. Willett, Assistant Professor of English.... B	6 200
32. Elizabeth V. Wright, Assistant Professor of English.. B (On leave with pay second semester 1959-60)	7 400
33. Norman R. Atwood, Instructor in English..... D	6 600
34. Johanna Braunfeld, Instructor in Foreign Languages.. D	6 200
35. Kathryn Q. Carlson, Instructor in English..... D	5 800
36. Robert L. S. Cassell, Instructor in English..... D	5 400
37. Willis Charkovsky, Instructor in Music..... D50	3 000
38. Francis G. Cox, Instructor in English..... D	5 400
39. Janice M. Crews, Instructor in Speech..... D	6 400
40. Russell E. Davis, Instructor in Humanities..... D	5 200
41. Warren R. Freyer, Instructor in English..... D	6 200
42. Mary T. Gallagher, Instructor in English..... D	5 800
43. Frances M. Goulson, Instructor in Speech..... D	6 400
44. Guinevere L. Griest, Instructor in English..... D	6 200
45. Lucy S. Hegie, Instructor in English..... D	6 000
46. Eleanor K. Hipple, Instructor in English..... D	5 400
47. Conde R. Hoskins, Instructor in Speech..... D	6 000
48. Inge Hough, Instructor in Foreign Languages..... D	4 600
49. Helen J. Hovde, Instructor in Speech..... D	6 400
50. Marion S. Kerwick, Instructor in English..... D	6 200
51. Laurette A. Kirstein, Instructor in English..... ZD75 (Total Salary)	5 100 (6 800)
52. Theodore Kundrat, Instructor in Speech..... D50	2 700
53. Willic N. Love, Instructor in English..... D	6 400
54. William R. Lutton, Instructor in Foreign Languages.. D50	2 300
55. John H. Mackin, Jr., Instructor in English..... D	6 200
56. Eugene J. McNamara, Instructor in English..... D	5 400
57. H. G. Merten, Instructor in English, <i>Emeritus</i> R	.....
58. John H. Meyer, Instructor in Foreign Languages..... D	5 800
59. I. M. Miller, Instructor in English..... D	6 400
60. Margaret H. Oleksy, Instructor in English..... D	6 600
61. Matthew L. Rigler, Instructor in Speech..... D	6 400
62. Cecilia M. Rudin, Instructor in English..... D	6 200
63. Mary C. Sidney, Instructor in English..... D	4 800
64. Clara S. Skogen, Instructor in Foreign Languages... D	6 200
65. Morris Star, Instructor in English..... D	5 200
66. Beatrice S. Timmis, Instructor in English..... D	6 400
67. Ferdina J. C. Tort, Instructor in Foreign Languages.. D	5 800
68. ———, Instructor in English..... D	5 200
69. James Friend, Assistant in English..... E	4 600
70. Ann Peyton, Assistant in English..... E	4 200
71. 2.00 Full Time Equivalent Assistants..... E	8 200
Nonacademic Salaries	11 040
Total, Salaries	(450 440)
Wages.....	500
Expense	5 400
Equipment	500
Total, Wages, Expense, and Equipment.....	(6 400)
Total, Humanities	\$456 840

Mathematics

Account Number 70-10-20

1. G. W. Morgenthaler, Associate Professor and Head of Division.....	A	\$ 9 800
2. H. W. Bailey, Professor.....	ZAY	.....
3. Evelyn Frank, Professor.....	A	9 200
4. F. S. Nowlan, Professor, <i>Emeritus</i>	R	.....
5. Flora Dinkines, Associate Professor.....	A	7 800
(On leave with pay second semester 1959-60)		
6. Irwin K. Feinstein, Associate Professor of Mathematics Education.....	A	7 600
7. M. C. Hartley, Associate Professor.....	A	9 000
8. Louis L. Pennisi, Associate Professor.....	A	7 800
9. Ruth M. Ballard, Assistant Professor.....	B	6 800
10. Herbert J. Curtis, Assistant Professor.....	B	7 200
11. Kenneth H. Murphy, Assistant Professor.....	B	7 000
12. Furio Alberti, Instructor.....	D	6 600
13. Winifred Berglund, Instructor.....	D	6 400
14. Louis I. Gordon, Instructor.....	D	6 000
15. W. M. Henderleiter, Instructor.....	D	4 600
16. Roger G. Hill, Instructor.....	D	6 000
17. Betty J. Kuzmanic, Instructor.....	D ₅₀	2 400
18. Rose Lariviere, Instructor.....	D	6 200
19. Sim Lasher, Instructor.....	D	5 600
20. Julia B. Linn, Instructor.....	D	5 000
21. Jeannette Lumley, Instructor.....	D	4 800
22. Grace M. Nolan, Instructor.....	D	6 000
23. Charles E. Olsen, Instructor.....	D	6 000
24. Thomas B. Ondrak, Instructor.....	D	6 000
25. N. C. Scholomiti, Instructor.....	D	6 000
26. Helen W. Sears, Instructor.....	D	5 600
27. Laurence Sjoblom, Instructor.....	D	5 200
28. Rose H. Vedral, Instructor.....	D	6 000
29. Rosemary F. Wiley, Instructor.....	D	5 600
30. Leo F. Ziomek, Instructor.....	D	5 200
31. Irena Zygmund, Instructor.....	D	5 200
32. Robert A. Mertes, Assistant.....	E	4 400
Nonacademic Salaries		4 200
<i>Total, Salaries</i>		(191 200)
Wages.....		100
Expense		1 450
Equipment		250
<i>Total, Wages, Expense, and Equipment</i>		(1 800)
<i>Total, Mathematics</i>		\$193 000

Physical Sciences

Account Number 70-10-25

1. C. R. Meloy, Professor of Chemistry and Head of Division of Physical Sciences.....	A	\$ 11 600
2. Bernard J. Babler, Professor of Chemistry.....	A	10 000
3. F. B. Crum, Professor of Chemistry.....	A	9 800
4. Roy Huitema, Professor of Chemistry.....	A	10 000
5. Joseph Bachrach, Associate Professor of Chemistry....	A	7 800
6. Charles K. Hunt, Associate Professor of Chemistry....	A	8 400
7. R. W. Karpinski, Associate Professor of Geology.....	A	9 000
8. J. Victor Mansfield, Associate Professor of Chemistry. A		7 600
9. Samuel Schrage, Associate Professor of Chemistry....	A	7 600
10. Rebecca L. Elbinger, Assistant Professor of Chemistry. B		6 400
11. Anatol Gottlieb, Assistant Professor of Chemistry.....	B	6 600
12. Rosalind Klaas, Assistant Professor of Chemistry.....	B	6 800
13. H. J. Mueller, Assistant Professor of Chemistry.....	B	6 800
(On leave with one-half pay 1959-60)		
14. Edward G. Rietz, Assistant Professor of Chemistry....	B ₆₇	4 600
15. John W. Weldon, Assistant Professor of Chemistry...	B	7 200

16. Lynn Carbonaro, Instructor in Chemistry.....	D	6 000
17. Sabine H. Casten, Instructor in Chemistry.....	D	5 400
18. John W. Cowin, Instructor in Chemistry.....	D	6 200
19. James R. Dafler, Instructor in Chemistry.....	D	4 800
20. Harry J. Delfs, Instructor in Chemistry.....	G67	1 800
(Semester I)		
21. Robert E. Demar, Instructor in Geology.....	D	5 400
22. Shafeek Farag, Instructor in Chemistry.....	D	5 600
23. Donald D. Hedberg, Instructor in Chemistry.....	D	5 400
24. Elaine Z. Herzog, Instructor in Chemistry.....	D	5 400
25. Louis N. Kurs, Instructor in Geology.....	D	6 000
26. Robert L. Miller, Instructor in Chemistry.....	ZD75	4 500
(Total Salary)		(6 000)
27. Clarence J. Perry, Instructor in Chemistry.....	D	6 200
28. G. I. Sackheim, Instructor in Chemistry.....	D	6 400
29. Frances K. Seabright, Instructor in Chemistry.....	D	6 000
30. John F. Steiner, Instructor in Chemistry.....	D	5 800
31. Marjorie Traxler, Instructor in Chemistry.....	D	5 000
32. ———, Instructor	D	5 000
33. R. E. Johnson, Assistant in Chemistry.....	E	4 800
34. Thomas A. Lothian, Assistant in Chemistry.....	E	4 800
Nonacademic Salaries		13 500
Total, Salaries		(234 200)
Wages.....		3 800
Expense		24 050
Equipment		3 000
Total, Wages, Expense, and Equipment.....		(30 850)
Total, Physical Sciences.....		\$265 050

Social Sciences

Account Number 70-10-30

1. Donald W. Riddle, Professor of History and Head of Division of Social Sciences.....	A	\$ 12 000
2. Hollis W. Barber, Professor of Political Science.....	A	10 700
3. Alden D. Cutshall, Professor of Geography.....	A	10 000
4. Paul C. Greene, Professor of Psychology.....	ZAY	.....
5. Peter P. Klassen, Professor of Sociology.....	A	9 400
6. Eli A. Lipman, Professor of Psychology.....	A	9 400
7. D. J. Morris, Professor of Philosophy.....	A	9 000
8. Kenneth W. Fells, Associate Professor of Psychology..	ZAY	.....
9. Stanley L. Jones, Associate Professor of History.....	A	8 000
(On leave with pay second semester 1959-60)		
10. Harold Klehr, Associate Professor of Psychology.....	ZAY	.....
11. Robert L. Nicholson, Associate Professor of History..	A	8 000
12. Victor E. Ricks, Associate Professor of Education....	A	8 600
13. Jean H. Baer, Assistant Professor of Education.....	ZBY	.....
14. Louis A. Berman, Assistant Professor of Psychology..	ZBY	.....
15. Shirley A. Bill, Assistant Professor of History.....	B	7 200
16. Mary M. Colby, Assistant Professor of Geography....	B	6 800
17. Robert E. Corley, Assistant Professor of Sociology... B	B	6 600
18. Mildred I. Finney, Assistant Professor of Geography... B	B	6 600
19. Gordon Lee Goodman, Assistant Professor of History. B	B	6 200
20. Wanda N. Gum, Assistant Professor.....	G	.....
(On disability leave without pay—University Retirement System)		
21. Allen H. Howard, Assistant Professor of Psychology..	B	6 600
22. Milton Rakove, Assistant Professor of Political Science	B	6 400
23. George A. Rheumer, Assistant Professor of Geography. B	B	6 900
24. Louis Unfer, Assistant Professor of History.....	B	7 200
25. Lucy C. Zaccaria, Assistant Professor of Psychology..	ZBY	.....
26. James W. Creaser, Instructor in Psychology.....	ZDY	.....
27. Daniel L. Heftel, Instructor in Psychology.....	ZDY	.....
28. Vivian C. Lipman, Instructor in Psychology.....	D	5 200
29. Robert R. Page, Instructor in Philosophy.....	D	5 700

30. Robert L. Tyroler, Instructor in Psychology.....	D50	2 600
31. Charles P. Warren, Instructor in Anthropology.....	D	5 400
32. _____, Instructor	D40	1 920
Nonacademic Salaries		3 900
<i>Total, Salaries</i>		(170 320)
Wages.....		100
Expense		2 650
Equipment		450
<i>Total, Wages, Expense, and Equipment</i>		(3 200)
<i>Total, Social Sciences</i>		\$173 520

ENGINEERING SCIENCES

General		<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
<i>Instruction</i>	<i>Salaries</i>		
Administration	\$ 39 910	\$ 9 750	\$ 49 660
Architecture and Art	136 200	9 350	145 550
Engineering	53 100	4 800	57 900
General Engineering.....	120 780	6 950	127 730
Physics	118 240	9 300	127 540
Shop Laboratories.....	43 228	5 750	48 978
<i>Total, General</i>	\$511 458	\$45 900	\$557 358

Administration

Account Number 70-15-05		
1. F. W. Trezise, Associate Dean.....	ZBY	\$ 15 250
2. Rupert M. Price, Assistant Dean.....	ZBY	12 000
Nonacademic Salaries		12 660
<i>Total, Salaries</i>		(39 910)
Wages.....		1 850
Expense		5 650
Convention Travel		1 600
Equipment		650
<i>Total, Wages, Expense, and Equipment</i>		(9 750)
<i>Total, Administration</i>		\$ 49 660

Architecture and Art

Account Number 70-15-10		
1. Harold McEldowney, Professor of Architecture and Head of Department.....	A	\$ 11 600
2. John F. Richardson, Professor of Art.....	A	8 700
3. Anthony DeFilipps, Associate Professor of Architecture A		9 100
4. John D. McNee, Associate Professor of Art.....	A	8 350
5. Henry L. Mikolajczyk, Associate Professor of Archi- tecture.....	A	9 400
6. Canio Radice, Associate Professor of Art.....	A	8 050
7. Rowland Rathbun, Associate Professor of Architecture A		8 200
8. Kenneth G. Shopen, Associate Professor of Art.....	A	9 000
9. John E. Walley, Associate Professor of Architecture..	A	8 950
10. Edward E. Burr, Assistant Professor of Art.....	B	7 700
11. Roland F. Ginzel, Assistant Professor of Art.....	B	6 950
12. Don A. Masterton, Assistant Professor of Architecture B		6 800
13. Robert W. Nickle, Assistant Professor of Art.....	B	7 000
14. Nancy Stableford, Assistant Professor of Art.....	B	6 000
15. Lester D. White, Assistant Professor of Architecture..	B	8 850
16. _____, Assistant Professor of Architecture.....	B50	3 750
Nonacademic Salaries		7 800
<i>Total, Salaries</i>		(136 200)
Wages.....		1 000
Expense		6 100
Equipment		1 650
<i>Total, Wages, Expense, and Equipment</i>		(9 350)
<i>Total, Architecture and Art</i>		\$145 550

Engineering

Account Number 70-15-15

1. Edward H. Coe, Associate Professor of Civil Engineering	A}	\$ 8 600
Acting Head of Department	D}	
2. Arnold C. Cobb, Professor of Theoretical and Applied Mechanics	A	9 300
3. F. W. Trezise, Professor	ZAY	.....
4. Alfred Klapperich, Assistant Professor	B	7 000
5. Algis Pabarcus, Assistant Professor	B	7 200
6. F. P. Wiesinger, Assistant Professor of Civil Engineering	D	7 800
7. ———, Assistant Professor	B	7 200
8. ———, Instructor	D	6 000
<i>Total, Salaries</i>		(53 100)
Wages		1 250
Expense		1 900
Equipment		1 650
<i>Total, Wages, Expense, and Equipment</i>		(4 800)
<i>Total, Engineering</i>		\$ 57 900

General Engineering

Account Number 70-15-20

1. C. I. Carlson, Professor and Head of Department	A	\$ 11 600
2. Harold R. Goppert, Professor	A	9 300
3. Richard C. Kohler, Associate Professor	A	7 600
4. S. E. Shapiro, Associate Professor	A	8 900
5. H. Dale Walraven, Associate Professor	A	8 900
6. L. N. Blair, Assistant Professor	B	7 100
7. Glenn E. Cramer, Assistant Professor	B	7 500
8. Marion V. J. Dembski, Assistant Professor	B	6 700
9. Dee M. Holladay, Assistant Professor	B	6 900
10. Richard S. Royster, Assistant Professor	B	7 100
11. Fred W. Schroeder, Assistant Professor	B	6 900
12. Henry A. Setton, Assistant Professor	B	6 800
13. Charles A. Bouc, Instructor in General Engineering Drawing	D	5 000
14. Edward J. Caldario, Instructor	D	5 500
15. William Defotis, Instructor	D	5 500
16. Francis A. Mosillo, Instructor	D	5 400
Nonacademic Salaries		4 080
<i>Total, Salaries</i>		(120 780)
Wages		1 700
Expense		4 450
Equipment		800
<i>Total, Wages, Expense, and Equipment</i>		(6 950)
<i>Total, General Engineering</i>		\$127 730

Physics

Account Number 70-15-25

1. Ora Lee Railsback, Professor and Head of Department	A	\$ 11 600
2. Edward B. McNeil, Professor	A	8 400
3. William R. Anderson, Associate Professor	A	7 800
4. Louis Chandler, Associate Professor	A	7 500
5. Herman J. Johnson, Associate Professor	A	7 600
6. Rupert M. Price, Associate Professor	ZAY	.....
7. Harold M. Skadeland, Associate Professor	A	8 400
8. Ogden Livermore, Assistant Professor	B	6 900
9. M. Minkler, Assistant Professor	B	6 600
10. Fishel E. Moraine, Assistant Professor	B	6 800
11. John N. Pappademos, Assistant Professor	B	6 700
12. A. F. Silkett, Assistant Professor	B	7 200
13. Herman B. Weissman, Assistant Professor	B	7 100
14. ———, Assistant Professor	B50	3 500

15. Jared W. Haslett, Instructor.....	D	6 300
16. James W. Wilbur, Instructor.....	D	6 000
Nonacademic Salaries		9 840
<i>Total, Salaries</i>		(118 240)
Wages.....		2 000
Expense		3 150
Equipment		4 150
<i>Total, Wages, Expense, and Equipment</i>		(9 300)
<i>Total, Physics</i>		\$127 540

Shop Laboratories

Account Number 70-15-30

1. Roy B. Perkins, Associate Professor of Mechanical Engineering and Head of Shop Laboratory.....	A	\$ 9 250
2. J. S. Kozacka, Professor of Mechanical Engineering, Emeritus.....	R	.....
3. Roy W. Schroeder, Associate Professor in Foundry and Pattern Laboratory.....	A	9 000
4. William J. Stanley, Instructor in Mechanical Engineering	D	6 750
Nonacademic Salaries		18 228
<i>Total, Salaries</i>		(43 228)
Wages.....		1 350
Expense		3 350
Equipment		1 050
<i>Total, Wages, Expense, and Equipment</i>		(5 750)
<i>Total, Shop Laboratories</i>		\$ 48 978

COMMERCE AND BUSINESS ADMINISTRATION

Account Number 70-20-05

1. Robert P. Hackett, Associate Dean.....	BY}	\$ 15 250
Professor of Accountancy.....	AY}	
2. William J. Dunne, Assistant Dean.....	B50	3 500
Assistant Professor of Economics.....	BY50	5 100
(Total Salary)		(8 600)
3. Lucille Derrick, Professor of Economics.....	A	9 300
4. Samuel Fox, Professor of Accountancy.....	A	9 600
5. W. D. Grampp, Professor of Economics.....	A	9 200
6. Clarence H. Gillett, Associate Professor of Economics	A	9 300
7. Sarah M. Kabbes, Associate Professor of Accountancy	A	8 000
8. Albert J. Schneider, Associate Professor of Accountancy	A	8 200
9. Fayette B. Shaw, Associate Professor of Economics..	A	7 500
10. Daniel K. Andrews, Assistant Professor of Accountancy	B	6 500
11. Allen F. Jung, Assistant Professor of Economics.....	B	6 800
12. Edward C. Knudson, Assistant Professor of Economics	D	6 600
13. Lawrence Lipkin, Assistant Professor of Accountancy	B	6 300
14. Alfonse T. Malinosky, Assistant Professor of Accountancy	B	6 300
15. Salvatore V. Ferrera, Instructor in Economics.....	D	4 800
16. Winifred B. Geldard, Instructor in Economics.....	D	5 700
17. Norman D. Hedish, Instructor in Accountancy.....	D	5 100
18. Carl M. Larson, Instructor in Economics.....	D	6 600
19. Oscar Miller, Instructor in Economics.....	D	6 300
20. Anthony R. Morici, Instructor in Accountancy.....	D	5 300
21. Arthur O. Seltzer, Instructor in Economics.....	D	6 300
22. Robert L. Crabb, Assistant in Economics.....	E	4 200
Nonacademic Salaries		8 670
<i>Total, Salaries</i>		(170 420)
Wages.....		700
Expense		2 610
Convention Travel		540
<i>Total, Wages, Expense, and Equipment</i>		(3 850)
<i>Total, Commerce and Business Administration</i>		\$174 270

PHYSICAL EDUCATION

General		Wages, Ex- pense, and Equipment	Total
Instruction	Salaries		
Physical Education.....	\$145 140	\$ 19 000	\$164 140
<i>Total, General</i>	\$145 140	\$ 19 000	\$164 140

Restricted		Wages, Ex- pense, and Equipment	Total
Auxiliary Enterprises	Salaries		
Student Athletic Activities.....	\$ 12 300	\$ 32 500	\$ 44 800
<i>Total, Restricted</i>	\$ 12 300	\$ 32 500	\$ 44 800

Physical Education

Account Number 70-20-10

1. J. O. Jones, Associate Dean and Director of Athletics..	ZBY90}	\$ 14 250
Professor of Physical Education for Men.....	AY	(15 250)
(Total Salary)		
2. Helen M. Barton, Professor of Physical Education for Women and Head of Women's Department.....	A	8 700
3. Peter R. Berrafato, Assistant Professor of Physical Education for Men.....	ZB	7 200
(Total Salary)		(8 400)
4. Sheldon L. Fordham, Assistant Professor of Physical Education for Men.....	ZB	7 500
(Total Salary)		(8 400)
5. Leo L. Gedvilas, Assistant Professor of Physical Edu- cation for Men.....	ZB	7 100
(Total Salary)		(7 500)
6. Charles Kristufek, Assistant Professor of Physical Education for Men.....	ZB	6 500
(Total Salary)		(7 600)
7. Lester H. Miller, Jr., Assistant Professor of Physical Education for Men.....	ZB	7 500
(Total Salary)		(8 300)
8. Benedict Montcalm, Assistant Professor of Physical Education for Men.....	ZB	6 300
(Total Salary)		(7 100)
9. Wilma J. Pesavento, Assistant Professor of Physical Education for Women.....	B	5 600
10. Walter G. Versen, Assistant Professor of Physical Education for Men.....	ZB	6 500
(Total Salary)		(7 300)
11. Michael G. Maksud, Instructor in Physical Education for Men	ZD	4 800
(Total Salary)		(5 400)
12. Richard R. Rader, Instructor in Physical Education for Men	ZD	5 900
(Total Salary)		(6 800)
13. George J. Strnad, Instructor in Physical Education for Men	ZD	5 600
(Total Salary)		(6 400)
14. Charlene Anzalone, Assistant in Physical Education for Women	E	5 000
15. Donna J. Claypoole, Assistant in Physical Education for Women	E	5 000
16. James A. Majer, Assistant in Physical Education for Men	ZE	4 200
(Total Salary)		(4 700)
17. Harold H. Nemoto, Assistant in Physical Education for Men	ZE	4 800
(Total Salary)		(5 500)

18. Melvin J. Springer, Assistant in Physical Education for Men	ZE	4 800
(Total Salary)		(5 500)
19. Donald E. Wildner, Assistant in Physical Education for Men	ZE	4 200
(Total Salary)		(4 700)
20. 1.00 Full Time Equivalent Assistants	E	4 700
Nonacademic Salaries		18 900
<i>Total, Salaries</i>		(145 140)
Wages		2 100
Expense		13 800
Convention Travel		600
Equipment		2 500
<i>Total, Wages, Expense, and Equipment</i>		(19 000)
<i>Total, Physical Education</i>		\$164 140

Auxiliary — Student Athletic Activities

Account Number 75-15-10

1. J. O. Jones, Director of Athletics	ZBY10	\$ 1 000
(Total Salary)		(15 250)
2. Peter R. Berrafato, Assistant Professor of Physical Education for Men	ZG	1 200
(Total Salary)		(8 400)
(Overtime basis)		
3. Sheldon L. Fordham, Assistant Professor of Physical Education for Men	ZG	900
(Total Salary)		(8 400)
(Overtime basis)		
4. Leo L. Gedvilas, Assistant Professor of Physical Education for Men	ZG	400
(Total Salary)		(7 500)
(Overtime basis)		
5. Charles Kristufek, Assistant Professor of Physical Education for Men	ZG	1 100
(Total Salary)		(7 600)
(Overtime basis)		
6. Lester H. Miller, Jr., Assistant Professor of Physical Education for Men	ZG	800
(Total Salary)		(8 300)
(Overtime basis)		
7. Benedict Montcalm, Assistant Professor of Physical Education for Men	ZG	800
(Total Salary)		(7 100)
(Overtime basis)		
8. Walter G. Versen, Assistant Professor of Physical Education for Men	ZG	800
(Total Salary)		(7 300)
(Overtime basis)		
9. Michael G. Maksud, Instructor in Physical Education for Men	ZG	600
(Total Salary)		(5 400)
(Overtime basis)		
10. Richard R. Rader, Instructor in Physical Education for Men	ZG	900
(Total Salary)		(6 800)
(Overtime basis)		
11. George J. Strnad, Instructor in Physical Education for Men	ZG	800
(Total Salary)		(6 400)
(Overtime basis)		
12. James A. Majer, Assistant in Physical Education for Men	ZG	500
(Total Salary)		(4 700)
(Overtime basis)		

13. Harold H. Nemoto, Assistant in Physical Education for Men.....	ZG	700
(Total Salary)		(5 500)
(Overtime basis)		
14. Melvin J. Springer, Assistant in Physical Education for Men.....	ZG	700
(Total Salary)		(5 500)
(Overtime basis)		
15. Donald E. Wildner, Assistant in Physical Education for Men.....	ZG	500
(Total Salary)		(4 700)
(Overtime basis)		
Nonacademic Salaries		600
<i>Total, Salaries</i>		(12 300)
Wages.....		1 500
Expense		31 000
<i>Total, Wages, Expense, and Equipment</i>		(32 500)
<i>Total, Physical Education</i>		\$ 44 800

ARMED FORCES

Account Number 70-20-20

1. Daniel Crumpacker, Associate Professor of Military Science and Tactics and Head of Department.....	AY	.....
Nonacademic Salaries		\$ 3 630
<i>Total, Salaries</i>		(3 630)
Wages.....		960
Expense		1 700
Equipment		300
<i>Total, Wages, Expense, and Equipment</i>		(2 960)
<i>Total, Armed Forces</i>		\$ 6 590

SUMMER SESSION

Account Number 70-20-25

Salaries of Academic Staff.....		\$106 000
<i>Total, Summer Session</i>		\$106 000

LIBRARY

Account Number 70-20-30

1. Edward M. Heiliger, Librarian.....	BY}	\$ 11 000
Associate Professor of Library Administration.....	AY}	
2. Charles D. DeYoung, Circulation Librarian and Assistant Professor of Library Administration.....	BY	7 400
3. Carl J. Frommherz, Catalog Librarian with rank of Assistant Professor	BY	7 400
4. Marie A. Rapp, Reference Librarian and Assistant Professor of Library Administration.....	BY	7 400
5. Louis Schultheiss, Serials and Acquisition Librarian with rank of Assistant Professor.....	BY	7 400
6. Donna J. Duff, Assistant Reference Librarian with rank of Instructor	DY	5 500
7. Martha Kester, Assistant Catalog Librarian with rank of Instructor	DY	6 000
8. Lucille J. Raub, Assistant Serials and Acquisition Librarian and Instructor in Library Administration....	DY	5 800
9. B. M. Sullivan, Assistant Reference Librarian and Instructor in Library Administration.....	DY	5 850
10. Helen F. Zimmerman, Acting Fine Arts Librarian and Instructor in Library Administration.....	DY	6 000
Nonacademic Salaries		56 520
<i>Total, Salaries</i>		(126 270)
Wages.....		5 500
Expense		6 000

Equipment	I 200
Library Additions	30 000
<i>Total, Wages, Expense, and Equipment</i>	(42 700)
<i>Total, Library</i>	\$168 970

PHYSICAL PLANT**General**

	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Administration	\$23 310	\$ 9 095	\$ 32 405
Building Operation	7 800	211 409	219 209
Police and Watchmen	107 241	107 241	107 241
Building Maintenance	20 991	118 831	139 822
Trucks and Cars	13 212	13 212	13 212
Grounds Maintenance	11 701	11 701	11 701
Heat, Light, and Power	195 269	195 269	195 269
Building Rental	188 150	188 150	188 150
<i>Total, General</i>	<u>\$52 101</u>	<u>\$854 908</u>	<u>\$907 009</u>

Restricted

	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
<i>Auxiliary Enterprises</i>			
Food Service	\$15 669	\$195 315	\$210 984
<i>Total, Restricted</i>	<u>\$15 669</u>	<u>\$195 315</u>	<u>\$210 984</u>

Administration

Account Number 70-25-02	
1. H. W. Pearce, Associate Director	ZDY
Nonacademic Salaries	\$ 23 310
<i>Total, Salaries</i>	(23 310)
Wages	3 895
Expense	5 000
Equipment	200
<i>Total, Wages, Expense, and Equipment</i>	(0 095)
<i>Total, Administration</i>	<u>\$ 32 405</u>

Building Operation

Account Number 70-25-04	
Nonacademic Salaries	\$ 7 800
<i>Total, Salaries</i>	(7 800)
Wages	193 385
Expense	18 024
<i>Total, Wages, Expense, and Equipment</i>	(211 409)
<i>Total, Building Operation</i>	<u>\$219 209</u>

Police and Watchmen

Account Number 70-25-06	
Wages	\$104 332
Expense	2 909
<i>Total, Police and Watchmen</i>	<u>\$107 241</u>

Building Maintenance

Account Number 70-25-08	
Nonacademic Salaries	\$ 20 991
<i>Total, Salaries</i>	(20 991)
Wages, General	88 540
Wages, Renewals and Replacements	11 016
Expense, General	13 874
Expense, Renewals and Replacements	5 301
Equipment	100
<i>Total, Wages, Expense, and Equipment</i>	(118 831)
<i>Total, Building Maintenance</i>	<u>\$139 822</u>

Trucks and Cars

Account Number 70-25-80

Wages.....	\$ 11 257
Expense	1 955
<i>Total, Trucks and Cars.....</i>	<u>\$ 13 212</u>

Grounds Maintenance

Account Number 70-25-82

Wages.....	\$ 11 151
Expense	550
<i>Total, Grounds Maintenance.....</i>	<u>\$ 11 701</u>

Heat, Light, and Power

Account Number 70-25-84

Wages.....	\$ 85 328
Expense	109 841
Equipment	160
<i>Total, Heat, Light, and Power.....</i>	<u>\$195 269</u>

Building Rental

Account Number 70-25-94

Expense, Building Rental.....	\$161 760
Expense, Drill Hall Rental.....	25 240
Expense, Insurance	1 150
<i>Total, Building Rental.....</i>	<u>\$188 150</u>

Auxiliary Enterprises**Food Service**

Account Number 75-15-05

Nonacademic Salaries	\$ 15 660
<i>Total, Salaries</i>	<u>(15 660)</u>
Wages.....	76 459
Expense	118 856
<i>Total, Wages, Expense, and Equipment.....</i>	<u>(195 315)</u>
<i>Total, Food Service.....</i>	<u>\$210 984</u>

NONACADEMIC SALARIES**URBANA-CHAMPAIGN****ADMINISTRATION AND GENERAL****Board of Trustees**

Account Number 00-10-01-000

1. Maude Archdeacon, 0136, Administrative Clerk.....	N	\$ 6 840
2. Catherine C. Cacioppo, 0137, Clerk-Stenographer III.....	N	4 200
3. Marilyn Milligan, 0139, Clerk-Typist II.....	N	2 940
4. G. Jean Oder, 0138, Clerk-Typist II.....	N	2 820
<i>Total, Board of Trustees.....</i>		<u>\$16 800</u>

President's Office

Account Number 00-10-02-000

1. E. G. Smith, 0140, Executive Aide.....	N	\$ 8 400
2. Thelma I. Radwell, 0146, Chief Clerk.....	N	4 860
3. Judith L. Conover, 6816, Clerk-Stenographer II.....	N	3 120
4. Dorothy R. McAndrews, 7787, Clerk-Stenographer II.....	N	4 020
5. Ruth A. Vagner, 0147, Clerk-Stenographer II.....	N	2 820
6. Vera K. Burke, 6809, Clerk-Typist II.....	N	3 540
7. Wilma R. Johnson, 6008, Clerk-Typist III.....	N	3 720
8. Virginia J. Hendrix, 0145, Secretary (Stenographic)....	N	5 190
9. Zelma C. Holl, 0142, Secretary (Stenographic).....	N	6 120
10. Ruth E. Klein, 0143, Secretary (Stenographic).....	N	6 120
11. Frances G. Dickman, 0141, Administrative Secretary (Stenographic).....	N	<u>7 380</u>
<i>Total, President's Office.....</i>		<u>\$55 290</u>

Indirect Costs — President's Office

Account Number 40-10-02-000

1. Bonnie L. Nichols, 0149, Clerk-Typist II.....	N	\$ 3 420
<i>Total, Indirect Costs — President's Office.....</i>		<u>\$ 3 420</u>

Vice-President and Provost's Office

Account Number 00-10-04-000

1. Carol A. Hinners, 0151, Clerk-Stenographer III.....	N	\$ 3 570
2. —————, 7452, Clerk-Stenographer III.....	N50	1 680
3. Mildred M. Luther, 0152, Secretary (Stenographic)....	N	5 550
4. Ruth M. Anderson, 0150, Administrative Secretary (Stenographic).....	N	7 800
<i>Total, Vice-President and Provost's Office.....</i>		<u>\$18 600</u>

Vice-President and Comptroller's Office

Account Number 00-10-06-000

1. Vincent O. Greene, 0192, Accountant II.....	N	\$ 7 400
2. Margaret J. Oare, 0196, Clerk-Stenographer III.....	N	3 600
3. Marilyn J. Swearingen, 0200, Clerk-Stenographer III....	N	3 840
4. Gladys L. Paul, 0194, Secretary (Stenographic).....	N	6 500
5. Vera M. Sands, 0195, Secretary (Stenographic).....	N	4 260
6. Ralph E. Fletcher, Jr., 0198, Supervisor of Insurance....	ZN60	5 040
(Total Salary)		(8 400)
7. —————,	N	7 500
<i>Total, Vice-President and Comptroller's Office.....</i>		<u>\$38 140</u>

Auxiliary — Hospital Insurance Administration

Account Number 18-10-06-701

1. Janice Y. Burkholder, 0412, Clerk-Stenographer II.....	ZN50	\$ 1 500
(Total Salary)		(3 000)
2. Connie R. Mengler, 0413, Clerk-Typist III.....	N	2 880
3. Anna L. Thompson, 0199, Clerk-Typist III.....	N	3 360
4. Ralph E. Fletcher, Jr., 0198, Supervisor of Insurance....	ZN40	3 360
5. James R. Gallivan, 7184, Assistant Supervisor of Insurance.....	N	7 100
<i>Total, Auxiliary — Hospital Insurance Administration..</i>		<u>\$18 200</u>

Business Office**Accounting Division**

Account Number 00-10-08-000

1. Henry S. Creech, 0207, Accountant I.....	N	\$ 5 040
2. Mary K. Fahrnkopf, 0213, Accountant I.....	N	4 920
3. Joseph A. Garza, 0217, Accountant I.....	N	6 240
4. Harold G. Poindexter, 0216, Accountant II.....	N	7 200
5. Earl M. Snyder, 0214, Accountant II.....	N	6 660
6. Robert N. Parker, 0212, Accountant III.....	N	9 100
7. W. D. Green, 0211, Assistant Chief Accountant.....	N	10 300
8. Florence A. Carson, 6876, Clerk II.....	N	2 700
9. Vera A. Lawson, 5464, Clerk II.....	N	2 640
10. Betty E. Wagner, 0232, Clerk II.....	N	3 060
11. —————, 0227, Clerk II.....	N	2 520
12. Ruth Bryant, 0286, Clerk III.....	N	2 940
13. Esther B. Theilmann, 6893, Accounting Clerk II.....	N	4 500
14. Mary L. Miller, 0229, Clerk-Typist II.....	N	2 640
15. —————, 6721, Bookkeeping Machine Operator II....	N	2 700
16. Maida L. Whipple, 6892, Card Punch Operator I.....	N	2 400
17. Patricia Cartwright, 0300, Card Punch Operator II.....	N	2 040
18. B. Luretta Orrell, 7693, Card Punch Operator II.....	N	2 040
19. Beverly A. Smith, 6894, Card Punch Operator II.....	N	2 700
20. Violet Gaschler, 0219, Secretary (Stenographic).....	N	4 800
21. Julia M. Hunt, 0283, Inventory Supervisor.....	N	6 100
<i>Total, Accounting Division.....</i>		<u>\$95 040</u>

INDIRECT COSTS — ACCOUNTING DIVISION

Account Number 40-10-08-000

1. _____, 5865, Accountant I.....	N	\$ 4 920
2. Lillian M. Nichols, 5214, Clerk II.....	N	3 060
3. Darlene K. St. John, 0226, Clerk II.....	N	2 520
4. Audrey I. Wynn, 0236, Typing Clerk II.....	ZN ⁵⁰	1 470
(Total Salary)		(2 940)
5. Patricia A. Sowers, 0272, Clerk-Typist I.....	N	2 400
6. Phyllis J. Feldkamp, 0237, Clerk-Typist II.....	N	2 640
Total, Indirect Costs — Accounting Division.....		\$17 010

Auditing Division

Account Number 00-10-09-000

1. Albert E. Marien, 5042, Accountant I.....	N	\$ 5 580
2. C. Roland Alderson, 0204, Accountant II.....	N	7 440
3. Charles O. Parvin, 0208, Accountant II.....	N	7 380
4. Sidney M. Stafford, 0215, Accountant II.....	N	7 700
5. Henry T. Kink, 0202, Accountant III.....	N	8 700
6. David W. Bonham, 7485, Procedures and Systems Analyst	N	8 900
7. Wilbur J. Thom, 0201, Assistant Auditor.....	N	10 000
8. V. Darlene Scott, 0210, Clerk-Stenographer III.....	N	3 900
Total, Auditing Division.....		\$59 600

INDIRECT COSTS — AUDITING DIVISION

Account Number 40-10-09-000

1. _____, 0209, Accountant I.....	N ⁵⁰	\$ 2 400
2. Robert C. Olson, 0203, Accountant II.....	N	7 440
Total, Indirect Costs — Auditing Division.....		\$ 9 840

Bursar's Division

Account Number 00-10-10-000

1. Robert E. Gentry, 0243, Assistant to Bursar.....	N	\$ 9 000
2. William M. Griffith, 0241, Assistant to Bursar.....	N	9 900
3. R. W. Zimmer, 0238, Assistant Bursar.....	N	10 000
4. Ray W. Van Camp, 0247, Cashier II.....	N	4 500
5. _____, Cashier II.....	ZN	.....
(Paid from Residence Halls)		
6. Dale T. Boyer, 0245, Cashier III.....	N	6 360
7. Paul J. Foil, 0246, Cashier III.....	N	6 540
8. Carol A. Hall, 6570, Clerk II.....	N	2 940
9. Martha A. Rittenhouse, 7247, Clerk II.....	N	2 880
10. Dorothy A. Ward, 7037, Clerk II.....	ZN	.....
(Paid from Temporary Family Housing)		
11. Martha M. Warnes, 7035, Clerk III.....	N	3 000
12. Mary I. Crowley, 0254, Payroll Clerk I.....	N	2 940
13. Ruth M. Atteberry, 0252, Payroll Clerk II.....	N	3 240
14. Betty A. Cekander, 0250, Payroll Clerk II.....	N	3 660
15. Edith B. Reimann, 6346, Payroll Clerk II.....	N	3 660
16. J. R. Carlson, 0249, Payroll Clerk III.....	N	5 760
17. Margaret C. Mehr, 0251, Payroll Clerk III.....	N	5 250
18. Hortense S. Johnson, 0248, Chief Payroll Clerk.....	N	6 660
19. Marlene A. Chandler, 0266, Typing Clerk II.....	N	2 700
20. Sandra C. Lewis, 0267, Clerk-Stenographer II.....	N	3 180
21. Alwynne G. Paulson, 0261, Secretary (Stenographic).....	N	4 440
22. R. F. Wood, 0240, Supervisor of Credit Collections.....	N	7 860
Total, Bursar's Division.....		\$104 470

INDIRECT COSTS — BURSAR'S DIVISION

Account Number 40-10-10-000

1. Stanley J. Rankin, 6979, Accountant I.....	N	\$ 4 980
2. S. Edward Read, 0242, Accountant II.....	N	7 740
3. Lindell R. Furlow, 6128, Clerk II.....	N ⁵⁰	1 290
4. Joan M. Moran, 7036, Clerk II.....	ZN ²⁰	720
(Total Salary)		(2 520)

5. Marilyn J. Hawkins, 7622, Accounting Clerk I.....	N50	1 500
6. Helen P. Hites, 7150, Accounting Clerk I.....	N	3 540
7. Anna L. Yao, 7345, Accounting Clerk I.....	N	3 180
8. Lucille Ekiss, 5782, Accounting Clerk II.....	N	4 140
9. Donald C. Padgett, 5956, Accounting Clerk II.....	N	4 950
10. Edith L. Gooch, 0271, Typing Clerk II.....	N	3 060
11. Karen J. Wacker, 0270, Typing Clerk II.....	N	2 700
12. Barbara K. Ryan, 0265, Clerk-Stenographer III.....	N	3 390
<i>Total, Indirect Costs — Bursar's Division.....</i>		<u>\$41 190</u>

LOAN OPERATING EXPENSE

Account Number 70-10-10-010

1. Carlene S. Wright, 0268, Clerk-Typist I.....	N	\$ 2 400
2. Nancy C. Barcus, 0269, Clerk-Typist III.....	N	3 570
<i>Total, Loan Operating Expense.....</i>		<u>\$ 5 970</u>

Purchasing Division

Account Number 00-10-11-000

1. George M. Daniel, 5526, Purchasing Assistant I.....	N	\$ 4 920
2. Wendell E. Crawford, 0282, Purchasing Assistant II....	ZN80	5 760
(Total Salary)		(7 200)
3. John W. Gomperts, 0281, Purchasing Assistant II.....	N	7 380
4. R. F. Hott, 0278, Purchasing Assistant II.....	ZN40	3 180
(Total Salary)		(7 920)
5. Max M. Matthews, 0276, Purchasing Assistant II.....	ZN75	5 040
(Total Salary)		(6 720)
6. George W. Kiningham, 0277, Purchasing Assistant III....	N	8 310
7. Glenn E. Musgrave, 1807, Assistant to Military Property Custodian.....	N	6 720
8. Gladys A. Carlson, 0204, Clerk II.....	N	2 910
9. Edith R. Carr, 0288, Clerk III.....	N	3 750
10. Pearl L. McCollough, 0207, Clerk III.....	N	3 450
11. William E. Wells, 1809, Chief Clerk.....	N	5 370
12. Norman Greaves, 1815, Stores Clerk.....	N	3 600
13. Derald D. Meier, 7510, Stores Clerk.....	N	3 360
14. Hazel M. Corray, 0301, Typing Clerk II.....	N	2 970
15. Margaret J. Davis, 0302, Clerk-Typist II.....	N	2 910
16. Sandra K. Lammle, 0299, Clerk-Typist II.....	N	2 730
17. Merrian E. Lourash, 0293, Clerk-Typist II.....	N	2 760
18. Astrid E. Zehner, 0289, Clerk-Typist II.....	N	2 520
19. Molly M. Shoaf, 0292, Clerk-Typist III.....	N	3 420
20. Barbara J. Williamson, 0296, Clerk-Typist III.....	N	3 060
21. Lester E. Elliott, 0274, Assistant Director of Purchases..	N	9 800
22. Paul O. Murrah, 0304, Routeman Helper.....	N	3 060
23. Charles A. Sadler, 0305, Routeman Helper.....	N	4 428
24. W. H. Whetstone, 0275, Traffic Manager.....	N	7 920
25. Bernice E. Bothwell, 0284, Secretary (Stenographic)....	N	4 440
26. Reuben C. Deedrick, 1814, Storekeeper.....	N	4 770
27. Charles L. Hoch, 0303, Central Receiving Station Supervisor.....	N	6 720
<i>Total, Purchasing Division.....</i>		<u>\$126 158</u>

STORES — GENERAL CHEMICAL OVERHEAD

Account Number 08-10-11-933

1. Wendell E. Crawford, 0282, Purchasing Assistant II....	ZN20	\$ 1 440
2. Leila R. Lancaster, 5053, Clerk-Typist III.....	N	3 600
3. Willis S. Lemmon, 0314, Storekeeper.....	N	4 800
4. Charles F. Martin, 0313, Storekeeper.....	N	4 740
5. Donald R. Murphy, 0316, Storekeeper.....	N	4 740
6. John C. Schumacher, 0315, Storekeeper.....	N	4 770
7. L. E. Bailey, 0312, Stores Supervisor.....	N	7 320
<i>Total, Stores — General Chemical Overhead.....</i>		<u>\$31 410</u>

STORES — OFFICE SUPPLY OVERHEAD

Account Number 08-10-11-063

1. Max M. Matthews, 0276, Purchasing Assistant II.....	ZN25	\$ 1 680
2. Beatrice C. Sargent, 0311, Clerk II.....	N	2 640
3. Roy G. Givens, 0310, Stores Clerk.....	N	3 900
4. Lucille M. Pyatt, 7349, Typing Clerk I.....	N50	1 380
5. Raymond J. Kunza, 0306, Driver.....	P	5 610
6. Robert C. Hicks, 7763, Routeman.....	P	5 202
7. Robert E. Hagen, 5153, Storekeeper.....	N	3 960
8. Robert E. Solomon, 0309, Storekeeper.....	N	4 800
9. L. W. Williamson, 0308, Stores Supervisor.....	N	7 410
10. Ralph R. Squire, 5527, Assistant Supervisor of Central Receiving Station	N	4 740
<i>Total, Stores — Office Supply Overhead.....</i>		<u>\$41 322</u>

INDIRECT COSTS — PURCHASING DIVISION

Account Number 40-10-11-000

1. Richard A. Martin, 5209, Purchasing Assistant I.....	N	\$ 5 880
2. ———, Purchasing Assistant I.....	N	4 500
3. Donald F. Gillogly, 0279, Purchasing Assistant II.....	N	7 100
4. Beverly L. Casey, 1597, Clerk-Typist II.....	N	2 520
5. Kay A. Hailfinger, 0298, Clerk-Typist II.....	N	2 520
6. Marcia K. Lecher, 0295, Clerk-Typist II.....	N	2 730
7. Peggy L. Matsler, 0285, Clerk-Typist II.....	N	2 880
8. ———, Clerk-Typist II.....	N	2 520
9. Wendell G. Viles, 6935, Routeman Helper.....	N	4 428
<i>Total, Indirect Costs — Purchasing Division.....</i>		<u>\$35 078</u>

Admissions and Records

Account Number 00-10-13-000

1. Charles V. Ellington, Procedures and Systems Analyst..	N	\$ 8 500
2. Judith A. Dalton, 0345, Clerk I.....	N	2 340
3. Shirley M. Burr, 0352, Clerk II.....	N	2 580
4. Loretta E. Friihauf, 0337, Clerk II.....	N	2 550
5. Nila J. McAfee, 0360, Clerk II.....	N	2 400
6. Mary L. Switzer, 0340, Clerk II.....	N	3 030
7. Jo Carolyn Beebe, 0349, Clerk III.....	N	2 940
8. Marjorie M. Clementz, 0328, Clerk III.....	N	3 270
9. Gwen A. Cloyd, 0332, Clerk III.....	N	3 660
10. Dorothy D. Crane, 7187, Clerk III.....	N	3 120
11. Ruth K. Crowley, 0329, Clerk III.....	N	3 630
12. Mary I. Dean, 0342, Clerk III.....	N	3 000
13. Roxana W. Duquette, 7185, Clerk III.....	N	3 390
14. Helen I. Esworthy, 0334, Clerk III.....	N	3 120
15. Grace Jackson, 0336, Clerk III.....	N	3 120
16. Erma C. Koehn, 7172, Clerk III.....	N	3 030
17. Sara M. Lieb, 0351, Clerk III.....	N	3 000
18. Janet A. Marbry, 7168, Clerk III.....	N	3 000
19. Adeline Matheis, 0333, Clerk III.....	N	3 330
20. Patricia L. McWard, 6969, Clerk III.....	N	3 210
21. Marianne Mosey, 0362, Clerk III.....	ZN50	1 620
(Total Salary)		(3 240)
22. Dorothy J. Rodman, 7366, Clerk III.....	N	3 840
23. Constance C. Wilhelm, 0344, Clerk III.....	N	3 300
24. ———, 6956, Clerk III.....	N	3 450
25. Frances Ann Jacobs, 5348, Typing Clerk II.....	N	2 700
26. Rita R. Rund, 0355, Typing Clerk II.....	N	2 940
27. Willeta M. Hassell, 0338, Clerk-Stenographer II.....	N	2 850
28. Clarine M. Hatfield, 0331, Clerk-Stenographer II.....	N	3 090
29. Nancy M. Logan, 7163, Clerk-Stenographer II.....	N	2 850
30. Janet E. Ryan, 7204, Clerk-Stenographer III.....	N	3 240
31. Lois F. Baker, 7199, Clerk-Typist II.....	N	2 700
32. Carol A. Benschneider, 0335, Clerk-Typist II.....	N	2 580
33. Jo Ann Best, 0339, Clerk-Typist II.....	N	2 520

34. Sharon B. Foust, 6510, Clerk-Typist II.....	N	2 700
35. Barbara E. Gazda, 6420, Clerk-Typist II.....	N	3 120
36. Janet Ann Mackey, 0415, Clerk-Typist II.....	N	2 550
37. Linda L. Mayhall, 6509, Clerk-Typist II.....	N	2 580
38. Mary C. Prah, 0346, Clerk-Typist II.....	N	2 550
39. Beverly A. Purcell, 0356, Clerk-Typist II.....	N	2 580
40. Glenda M. Robertson, 7173, Clerk-Typist II.....	N	2 400
41. Mary C. Schumate, 7300, Clerk-Typist II.....	N	2 400
42. Ruth M. Taylor, 0353, Clerk-Typist II.....	N	3 360
43. _____, 0359, Clerk-Typist II.....	N	2 820
44. Muriel J. Albers, 0347, Clerk-Typist III.....	N	3 000
45. Adelia L. Casey, 0416, Clerk-Typist III.....	N	3 390
46. Sandra K. Cheeseman, 7161, Clerk-Typist III.....	N	3 030
47. Beverly J. Pedersen, 0357, Clerk-Typist III.....	N	3 030
48. George R. Dinsmore, 0320, Examiner.....	N	7 800
49. Paul M. Garman, 7416, Examiner.....	N	6 500
50. M. Zella Hall, 0318, Examiner.....	ZN25	1 990
(Total Salary)		(7 950)
51. Harriet E. Hamm, 0317, Examiner.....	N	7 950
52. James R. Payne, 6832, Examiner.....	N	6 630
53. Edward J. Smith, 0319, Examiner.....	ZN75	5 765
(Total Salary)		(7 680)
54. Rosemary M. Shroyer, 0364, Card Punch Operator I....	N	2 610
55. Beatrice A. Hunka, 0363, Card Punch Operator II.....	N	2 700
56. O. Dwayne Denhart, 7310, Tabulating Machine Operator II.....	N	3 990
57. Dorothy Clark, 0322, Recorder.....	N	7 950
58. M. Priscilla Howe, 0321, Recorder.....	N	7 950
59. Rosene A. Hawthorne, 0324, Assistant Recorder.....	N	6 150
60. May L. Rewerts, 0325, Assistant Recorder.....	N	5 760
61. Myra C. Rucker, 0326, Assistant Recorder.....	N	5 760
62. Vivian Wood, Assistant Recorder.....	N	4 500
63. M. Lois Brooks, 0365, Secretary (Stenographic).....	ZN50	2 505
(Total Salary)		(5 010)
64. Catherine Pritchard, 0327, Secretary (Stenographic)....	N	4 350
65. Elizabeth L. Bailie, 6973, Administrative Secretary (Stenographic).....	N	7 050
66. Robert E. Belmar, 5509, Tabulating Machine Supervisor..	N	6 500
Total, Admissions and Records.....		\$247 820

Indirect Costs — Admissions and Records

Account Number 40-10-13-000

1. Ruth A. Reifsteck, 6009, Clerk-Stenographer II.....	N	\$ 3 000
Total, Indirect Costs — Admissions and Records.....		\$ 3 000

Accountancy Committee Revolving

Account Number 12-10-13-001

1. Betty A. Dexter, 0358, Clerk II.....	N50	\$ 1 500
2. Marianne Mosey, 0362, Clerk III.....	ZN50	1 620
3. Janice E. Gray, 0354, Clerk-Typist II.....	N	2 880
4. _____, Clerk-Typist II.....	N50	1 500
5. M. Zella Hall, 0318, Examiner.....	ZN75	5 960
Total, Accountancy Committee Revolving.....		\$13 460

Entrance Examinations Revolving

Account Number 12-10-13-022

1. Donna M. Vreeland, 0341, Clerk-Stenographer II.....	N	\$ 3 000
2. Edward J. Smith, 0319, Examiner.....	ZN25	1 915
Total, Entrance Examinations Revolving.....		\$ 4 915

Legal Counsel

Account Number 00-10-15-000

1. James E. Harmon, 7246, Assistant Legal Counsel.....	N	\$ 9 300
2. Earl L. Palmberg, 0403, Assistant Legal Counsel.....	N	10 000

3. John J. Templin, 5195, Assistant Legal Counsel.....	N	9 300
4. ———, 5098, Assistant Legal Counsel.....	N	7 800
5. Marjorie M. Beasley, 0405, Clerk-Stenographer III.....	N	3 600
6. Ruth A. Isaacs, 5206, Clerk-Stenographer III.....	N	3 750
7. Mary N. Fickel, 0404, Secretary (Stenographic).....	N	5 880
<i>Total, Legal Counsel.....</i>		<u>\$49 630</u>

Nonacademic Personnel

Account Number 00-10-16-000		
1. Cynthia R. Jordan, 6664, Personnel Assistant II.....	N	\$ 3 900
2. Grace M. Gifford, 0370, Administrative Clerk.....	N	6 960
3. Doris K. Wylie, 0382, Chief Clerk.....	N	4 320
4. Judith A. Primmer, 0381, Clerk-Typist II.....	N	3 060
5. Barbara G. Stephens, 0383, Clerk-Typist II.....	N ⁵⁰	1 530
6. Geraldine Meeden, 0384, Clerk-Typist III.....	N	3 720
7. Shirley J. Runyon, 0378, Clerk-Typist III.....	N	3 360
8. Ruth E. Harris, 0366, Assistant Director of Nonacademic Personnel.....	N	10 230
9. Irene K. Dorsey, 0375, Visiting Nurse.....	N	4 800
10. Robert G. Summers, 6317, Personnel Officer I.....	N	6 600
11. Donald R. Volm, Personnel Officer I.....	N	6 000
12. William J. Hylbert, 0374, Placement Officer.....	N	6 600
13. Donald W. Swift, 0369, Placement Officer.....	N	6 600
14. Anabel C. Gilroy, 0372, Secretary (Stenographic).....	N	6 210
<i>Total, Nonacademic Personnel.....</i>		<u>\$73 890</u>

Stenographic Service

Account Number 09-10-16-978		
1. ———, 0396, Clerk II.....	N	\$ 2 220
2. Gwendolyn G. Baud, 0389, Clerk III.....	N	3 420
3. Linda L. Vandervort, 7484, Typing Clerk II.....	N	2 520
4. ———, 0397, Typing Clerk II.....	N	2 280
5. Barbara J. Bender, 7347, Clerk-Typist II.....	N ⁵⁰	1 560
6. Lois M. Brown, 0400, Clerk-Typist II.....	N	3 240
7. Carol J. Dawson, 0394, Clerk-Typist II.....	N	2 760
8. ———, 7373, Clerk-Typist II.....	N	2 520
9. Harriett E. Hines, 0390, Duplicating Machine Operator II	N	2 760
10. Joan K. Lovett, 0392, Duplicating Machine Operator II..	N ⁵⁰	1 350
11. Kenneth B. Cooley, 6475, Duplicating Machine Operator III.....	N	4 920
12. Allan E. Trinkle, 0388, Duplicating Machine Operator III	N	4 980
13. Esther C. Landin, 0387, Duplicating Service Supervisor..	N	7 060
14. ———, 0398, Vari-Typist II.....	N	2 880
<i>Total, Stenographic Service.....</i>		<u>\$44 470</u>

Indirect Costs — Nonacademic Personnel

Account Number 40-10-16-000		
1. Myrna A. Babat, 0379, Clerk-Typist III.....	N	\$ 3 300
<i>Total, Indirect Costs — Nonacademic Personnel.....</i>		<u>\$ 3 300</u>

Public Information

Account Number 00-10-18-000		
1. Mildred H. Koller, 7195, Clerk-Typist II.....	N	\$ 3 180
2. ———, 1749, Clerk-Typist III.....	N	3 360
3. Robert W. Evans, 7171, Assistant Director of Public Information.....	N	8 400
4. A. R. Wildhagen, 1745, Assistant Director of Public Information.....	N	9 400
5. Helen H. Ogata, 1748, Secretary (Stenographic).....	N	5 310
6. Ellenor Tallmadge, 1747, Editorial Writer.....	N	5 550
7. Ruth E. Weinard, 1750, Editorial Writer.....	N	4 500
<i>Total, Public Information.....</i>		<u>\$39 700</u>

Blueprinting and Photography Service

Account Number 09-10-18-906

1. Elizabeth A. Moore, 1741, Clerk II.....	N	\$ 3 180
2. Mary Flandorfer, 1742, Typing Clerk I.....	N	2 670
3. James L. Tarr, 1734, Manager of Photographic Laboratory	N	8 200
4. Charles S. Lane, 1740, Assistant Manager of Photographic Laboratory.....	N	5 880
5. Kenneth D. Lester, 1736, Assistant Manager of Photographic Laboratory	N	6 300
6. Charles A. Carrington, 1735, Photographer II.....	N	5 010
7. Richard L. Swanson, 7340, Photographer II.....	N	4 200
8. Vernon D. Turpin, 1738, Photographer II.....	N	4 590
9. Olive E. Mason, 1737, Photographer I.....	N	4 020
10. Ben R. Jeffords, 7461, Photographic Technician I.....	N	3 300
11. ———, 7167, Photographic Technician I.....	N	3 120
12. ———, 1744, Photographic Technician I.....	N	2 700
13. ———, 1743, Photographic Technician I.....	N	2 220
14. ———, 7124, Photographic Technician I.....	N	3 240
15. Marjorie F. Burgess, 7759, Photographic Technician II...	N	3 360
<i>Total, Blueprinting and Photography Service.....</i>		<u>\$61 990</u>

Dean of Students**General**

Account Number 00-10-20-000

1. Joyce L. Feddersen, 6096, Personnel Assistant I.....	N	\$ 3 180
2. Twila C. Jarrett, 0407, Clerk-Stenographer II.....	N	3 060
3. Mary A. Schurtz, 6110, Clerk-Stenographer II.....	N	3 120
4. Frances R. Fechtig, 0409, Clerk-Stenographer III.....	N	3 420
5. Cherie D. Lenz, 0411, Clerk-Typist III.....	N	3 930
6. India Mathis, 0410, Placement Officer.....	N	5 970
7. Hazel A. Yates, 0406, Administrative Secretary (Stenographic).....	N	7 800
8. Ralph E. Fletcher, Jr., Assistant to Dean of Students....	ZN	.....
<i>Total, Dean of Students — General.....</i>		<u>\$30 480</u>

Dean of Men

Account Number 00-10-21-000

1. Janice Y. Burkholder, 0412, Clerk-Stenographer II.....	ZN50	\$ 1 500
(Total Salary)		(3 000)
2. Delavenna F. Storm, 7157, Clerk-Stenographer II.....	N	3 000
3. Mary Ann Andrews, 0408, Secretary (Stenographic).....	N	3 990
<i>Total, Dean of Men.....</i>		<u>\$ 8 490</u>

Dean of Women

Account Number 00-10-22-000

1. Marjorie J. DeFries, 0422, Chief Clerk.....	N	\$ 3 900
2. ———, 2864, Residence Halls Clerk.....	G	1 800
(Nine months)		
3. Evelyn M. Buckley, 0423, Clerk-Stenographer II.....	N	3 450
4. Carolyn M. Ohl, 6957, Clerk-Stenographer II.....	N	2 940
5. Mary A. Reiman, 0425, Clerk-Stenographer II.....	N	3 000
6. Bonnie A. Venzke, 0424, Clerk-Stenographer III.....	N	3 720
7. ———, 0421, Secretary (Transcribing).....	N	4 680
<i>Total, Dean of Women.....</i>		<u>\$23 490</u>

Housing Division

Account Number 00-10-24-000

1. Joan L. Kravcik, 0481, Clerk-Stenographer II.....	N	\$ 2 940
2. Edith A. Campbell, 0480, Clerk-Typist II.....	N	2 940
3. Clara D. Fay, 0474, Housing Coordinator.....	N	7 200
4. Stanley W. Rahn, 0473, Assistant Director of Housing for Off-Campus Housing	N	8 970

5. Ruth C. Heicke, 0478, Housing Visitor.....	N	3 330
6. Albert Kaufman, Jr., 0479, Housing Visitor.....	N	3 720
<i>Total, Housing Division.....</i>		<i>\$29 100</i>

Coordinating Placement Office

Account Number 00-10-26-000

1. Patricia D. Sebright, 6602, Clerk-Stenographer III.....	N	\$ 3 600
2. ———, 0482, Placement Officer.....	N	5 100
<i>Total, Coordinating Placement Office.....</i>		<i>\$ 8 700</i>

Security Office

Account Number 00-10-28-000

1. Darlene C. Blair, 0490, Clerk II.....	N	\$ 2 550
2. ———, 7540, Typing Clerk II.....	N	2 400
3. Bertha J. Sunderman, 6679, Typing Clerk III.....	N	3 210
4. Frances W. Herdien, 0488, Clerk-Stenographer II.....	N	2 970
5. Muriel S. Libby, 0487, Secretary (Stenographic).....	N	5 040
6. Paul D. Walker, 7079, Supervisor of Motor Vehicle Division.....	N	6 000
7. Joseph E. Blaze, 0484, Supervisor of Security and Traffic (Total Salary).....	ZN ⁵⁰	4 905 (9 810)
<i>Total, Security Office.....</i>		<i>\$27 075</i>

Health Service

Account Number 00-10-30-000

1. Janet E. Barr, 5499, Nurses' Aide.....	N	\$ 2 820
2. Robert A. Hershbarger, 7132, Assistant to Director of Health Service.....	N	5 700
3. Gretchen L. Cochran, 6418, Typing Clerk II.....	N	2 520
4. Edwina D. Rusnak, 0432, Typing Clerk II.....	N	2 760
5. Julia A. Stallings, 5574, Typing Clerk II.....	N	3 000
6. Sharon L. Vandervort, 4978, Typing Clerk II.....	N	2 760
7. Mary S. Wedegaertner, 6580, Typing Clerk II.....	N	2 700
8. ———, 0430, Typing Clerk III.....	N	2 880
9. Judith M. Rudicil, 5458, Clerk-Stenographer II.....	N	3 270
10. Janolee A. Holt, 5511, Clerk-Typist II.....	N	2 400
11. Joyce J. Sage, 5575, Clerk-Typist II.....	N	2 640
12. ———, 5253, Clerk-Typist II.....	N	2 400
13. Kara L. Grider, 0433, Clerk-Typist III.....	N	3 180
14. Claudine A. Hayes, 0429, Clerk-Typist III.....	N	3 000
15. Nancy P. Hensel, 0434, Clerk-Typist III.....	N	3 000
16. Martha A. Boose, 6667, Health Service Nurse.....	N	3 300
17. Dorothy A. Byers, 7610, Health Service Nurse.....	N	3 510
18. Rosemary J. Miller, 0439, Health Service Nurse.....	N	3 870
19. Helen A. Freeman, 0436, Head Health Service Nurse....	N	5 190
20. Marjorie H. Perkins, 0437, Assistant Head Health Service Nurse.....	N	4 440
21. Vannie L. Sheiry, 0426, Secretary (Stenographic).....	N	5 970
22. Helen L. Hill, 0431, Secretary (Transcribing).....	N	4 230
23. Wilda Herndon, 5497, Clinical Laboratory Technician....	N	3 930
24. Helen S. Levine, 6011, Supervising Laboratory and X-ray Technician.....	N	5 220
<i>Total, Health Service.....</i>		<i>\$84 690</i>

Auxiliary — McKinley Hospital

Account Number 18-10-31-720

1. Agnes B. Durham, 7551, Nurses' Aide.....	N	\$ 2 460
2. Mae N. Graham, 7329, Nurses' Aide.....	N	2 460
3. ———, 6424, Nurses' Aide.....	N	2 220
4. Kathryn H. Brownlee, 7325, Clerk I.....	N	2 550
5. Joy D. Jamison, 7318, Clerk I.....	N	2 550
6. Margaret M. Deal, 6749, Clerk-Typist II.....	N	2 760

7. Alice Armstrong, 0465, Second Cook.....	N	3 150
(Perquisites University — two meals)		
8. Eleanor G. Jackson, 0464, Second Cook.....	N	2 970
(Perquisites University — two meals)		
9. Ruth M. Siewert, 0463, Second Cook.....	N	3 360
(Perquisites University — two meals)		
10. Mary P. Wemhaner, 0443, Dietitian.....	N	4 890
11. Oleda Smith, 0444, Director of Nurses at McKinley Hos- pital.....	N	5 520
(Perquisites University — two meals)		
12. Mary Ellen Breen, 0469, Kitchen Helper.....	N	2 910
(Perquisites University — two meals)		
13. Mildred K. Smock, 0466, Kitchen Helper.....	N	2 520
(Perquisites University — two meals)		
14. Zora Swearingen, 0472, Kitchen Helper.....	N	2 730
(Perquisites University — two meals)		
15. Mary A. Warmbier, 0470, Kitchen Helper.....	N	2 700
(Perquisites University — two meals)		
16. ———, 0468, Kitchen Helper.....	N	2 520
(Perquisites University — two meals)		
17. ———, Senior Kitchen Helper.....	N	3 030
(Perquisites University — two meals)		
18. Paul N. Nornholm, 3046, Janitor.....	P	4 541
19. William A. Swinford, 3047, Janitor.....	P	4 437
20. Eugene Kennedy, 7437, Kitchen Laborer.....	N	2 940
21. Mabel Carlisle, 7215, Maid.....	P	3 111
22. Cecil E. Swinehart, 0442, Business Manager of McKinley Hospital.....	N	7 100
23. Wilma P. Hart, 0446, Assistant Head Nurse.....	N	4 350
(Perquisites University — two meals)		
24. Alma C. Hoag, 0445, Assistant Head Nurse.....	N	4 800
(Perquisites University — two meals)		
25. Eva Lavenhagen, 0448, Assistant Head Nurse.....	N	4 800
(Perquisites University — two meals)		
26. Mary A. T. Leonard, 0447, Assistant Head Nurse.....	N	4 350
(Perquisites University — two meals)		
27. Lois I. Sadler, 7801, Licensed Practical Nurse.....	N	2 400
(Perquisites University — two meals)		
28. Charlotte Bossi, 0461, Staff Nurse.....	N	4 200
(Perquisites University — one meal)		
29. Elizabeth Bradbury, 0459, Staff Nurse.....	N ⁵⁰	1 770
30. Estelle F. Collymore, 0451, Staff Nurse.....	N	3 420
(Perquisites University — two meals)		
31. Doris A. Franks, 5386, Staff Nurse.....	N	3 360
(Perquisites University — two meals)		
32. Georgia M. Kitzmiller, 0455, Staff Nurse.....	N	3 540
(Perquisites University — two meals)		
33. Frieda S. M. Stute, 0458, Staff Nurse.....	N	4 050
(Perquisites University — two meals)		
34. Carolyn M. Williams, 0456, Staff Nurse.....	N	3 420
(Perquisites University — two meals)		
35. Ruth F. Wilson, 0457, Staff Nurse.....	N	3 420
(Perquisites University — two meals)		
36. Carmen T. Yunker, 0454, Staff Nurse.....	N	3 540
(Perquisites University — two meals)		
37. ———, 0450, Staff Nurse.....	N	3 300
(Perquisites University — two meals)		
38. ———, 5492, Staff Nurse.....	N	3 300
(Perquisites University — two meals)		
39. ———, 0449, Staff Nurse.....	N ⁵⁰	1 650
(Perquisites University — two meals)		
40. ———, 5354, Staff Nurse.....	N	3 300
(Perquisites University — two meals)		

41. _____, 0453, Staff Nurse.....	N	3 300
(Perquisites University — two meals)		
42. _____, 0460, Staff Nurse.....	N	3 240
(Perquisites University — two meals)		
43. _____, 0462, Clinical Laboratory Technician.....	N50	1 980
44. W. T. Coggeshall, 0441, Laboratory and X-ray Technician	N	5 900
<i>Total, Auxiliary — McKinley Hospital.....</i>		<u>\$150 819</u>

Provost's Office**Student Counseling Service**

Account Number 00-10-34-000

1. Carolyn W. Graf, 0164, Personnel Assistant I.....	N	\$ 2 640
2. Margrith G. Mistry, 0168, Personnel Assistant I.....	N	2 760
3. M. Louise Nichols, 0167, Personnel Assistant I.....	N	2 610
4. Lenore A. Parham, 0166, Personnel Assistant I.....	N	3 300
5. Janet M. Spink, 6811, Personnel Assistant I.....	N	2 490
6. _____, 7245, Personnel Assistant I.....	N	3 000
7. Marilyn K. Mameesh, 0163, Personnel Assistant II.....	N	4 020
8. Lester M. Friend, 0162, Secretary (Stenographic).....	N	5 160
<i>Total, Student Counseling Service.....</i>		<u>\$25 980</u>

Bureau of Institutional Research

Account Number 00-10-40-000

1. John L. Hayes, 0155, Accountant-Statistician.....	N	\$ 7 290
2. Shirley A. Poindexter, 5545, Statistical Clerk.....	N	3 750
3. Mary C. Kull, 0157, Typing Clerk II.....	N	2 790
4. Jean M. Baker, 0158, Clerk-Stenographer III.....	N	3 300
5. Lois P. Bond, 0160, Clerk-Typist III.....	N	3 030
6. _____,	N	2 400
<i>Total, Bureau of Institutional Research.....</i>		<u>\$22 560</u>

Statistical Service Unit

Account Number 00-10-41-000

1. John C. Mahaffey, 6745, Accountant III.....	N	\$ 7 650
2. Charles M. Oehmke, 0171, Assistant Director of Statistical Service Unit	N	9 300
3. Barbara E. Rubba, 0187, Card Punch Operator I.....	N	2 580
4. Mary A. Dicsgna, 7165, Card Punch Operator II.....	N	2 700
5. Audrey L. Merz, 0188, Card Punch Operator II.....	N	2 760
6. Theresa M. Rennie, 0180, Card Punch Operator II.....	N	2 760
7. Barbara S. Sowers, 0189, Card Punch Operator II.....	N	2 700
8. _____, 0185, Card Punch Operator II.....	N	2 700
9. _____, 0190, Card Punch Operator II.....	N	2 700
10. _____, 6044, Card Punch Operator III.....	N	3 960
11. Mary J. Hawk, 7780, Tabulating Machine Operator I....	N	3 000
12. Patricia A. Taylor, 7781, Tabulating Machine Operator I	N	3 180
13. Arleen M. Windler, 7782, Tabulating Machine Operator I	N	3 000
14. Joyce A. Allen, 7271, Tabulating Machine Operator II....	N	3 300
15. Robert D. Mackey, 0176, Tabulating Machine Operator II	N	3 480
16. Mildred L. Dust, 0175, Tabulating Machine Operator III..	N	5 130
17. Robert S. Kosack, 0178, Tabulating Machine Operator III	N	4 470
18. John H. Kroener, 0177, Tabulating Machine Operator III	N	4 650
19. Edward G. Snow, 7472, Tabulating Machine Operator III	N	5 280
20. _____, 0182, Tabulating Machine Operator III....	N	4 200
21. Shirley McKim, 0174, Secretary (Stenographic).....	N	4 200
22. Ralph H. Heicke, 0172, Tabulating Machine Supervisor..	N	7 710
23. Raymond J. McCabe, 6824, Assistant Tabulating Machine Supervisor.....	N	5 460
24. Richard G. Waldbillig, 0173, Assistant Tabulating Machine Supervisor.....	N	6 930
<i>Total, Statistical Service Unit.....</i>		<u>\$103 800</u>

INDIRECT COSTS—STATISTICAL SERVICE UNIT

Account Number 40-10-41-000

1. Bud J. Meador, 0191, Tabulating Machine Supervisor.....	N	\$ 7 530
2. Donald C. Furtkamp, 5490, Assistant Tabulating Machine Supervisor.....	N	5 160
3. ———, 7537, Assistant Tabulating Machine Supervisor.....	N	4 080
<i>Total, Indirect Costs—Statistical Service Unit.....</i>		<u>\$17 670</u>

Central Office on the Use of Space

Account Number 00-10-44-000

1. Sheila Puklin, 7492, Clerk-Stenographer III.....	N	\$ 3 720
2. ———, 7520, Clerk-Stenographer III.....	N	3 480
<i>Total, Central Office on the Use of Space.....</i>		<u>\$ 7 200</u>

Instructional Television

Account Number 00-10-45-000

1. ———, Radio Program Assistant.....	N50	\$ 2 100
<i>Total, Instructional Television.....</i>		<u>\$ 2 100</u>

University Honors Programs

Account Number 00-10-48-000

1. Mary L. Scheulin, 7777, Clerk-Stenographer II.....	N	\$ 3 060
<i>Total, University Honors Programs.....</i>		<u>\$ 3 060</u>

Alumni Relations and Records

Account Number 00-10-50-000

1. Lovetta J. Bailey, 1759, Clerk II.....	N	\$ 2 580
2. Velma L. Geisinger, 1754, Clerk II.....	N	2 760
3. Kathryn L. Van Cleave, 1761, Clerk II.....	N	2 760
4. Barbara J. Vaughn, 1752, Clerk II.....	N	3 000
5. Nancy L. Mayfield, 1753, Clerk III.....	N	3 180
6. Louise H. Parker, 6692, Chief Clerk.....	N	3 900
7. Hazel G. Canfield, 1762, Typing Clerk II.....	N	3 240
8. Marlene R. Lewis, 1758, Typing Clerk II.....	N	2 520
9. Joan L. Smock, 1760, Typing Clerk II.....	N	2 400
10. Patricia A. Keating, 1757, Clerk-Stenographer II.....	N	3 060
11. Suzanne C. Fess, 1751, Clerk-Stenographer III.....	N	3 720
<i>Total, Alumni Relations and Records.....</i>		<u>\$33 120</u>

Illini Center

Account Number 00-10-53-000

1. Dorothy M. Carmichael, 0494, Chief Clerk.....	N	\$ 5 370
2. Patricia T. Timm, 0495, Clerk-Stenographer II.....	N	4 140
<i>Total, Illini Center.....</i>		<u>\$ 9 510</u>

Building Program Committee

Account Number 00-10-62-000

1. Judith A. Hosler, 0491, Clerk-Typist II.....	N	\$ 2 520
<i>Total, Building Program Committee.....</i>		<u>\$ 2 520</u>

Committee on Student English

Account Number 00-10-68-000

1. ———, 7217, Clerk-Typist I.....	G50	\$ 900
(Nine months)		
2. ———, 0492, Clerk-Typist III.....	N	3 180
<i>Total, Committee on Student English.....</i>		<u>\$ 4 080</u>

Safety and Accident Compensation

Account Number 00-10-94-000

1. Shirley P. Kelley, 7223, Clerk-Stenographer III.....	N	\$ 3 570
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2. John Morris, 7410, Safety Coordinator.....	N	9 700
3. Max N. Pike, 5451, Supervisor of Accident Compensation	N	6 660
<i>Total, Safety and Accident Compensation.....</i>		<u>\$19 930</u>

Workmen's Compensation

Account Number 44-10-94-001

1. Alfreda G. Mitchell, 5933, Clerk-Stenographer II.....	N	\$ 3 240
2. Charles B. Wingstrom, 7394, Safety Inspector.....	N	7 950
<i>Total, Workmen's Compensation.....</i>		<u>\$11 190</u>

COLLEGE OF AGRICULTURE**Administration****College**

Account Number 00-15-01-100

1. D. A. Gillespie, 5586, Division Chief Accountant.....	N	\$10 500
2. Eleanor M. Mendel, 1204, Clerk-Typist II.....	N	2 760
3. Mary L. Rose, 0909, Clerk-Typist II.....	N	2 700
4. Janette M. Hendricks, 0911, Clerk-Typist III.....	N	3 000
5. Mary Svetez, 0905, Secretary (Stenographic).....	ZN94	5 280
(Total Salary)		(5 640)
6. Neva B. Millard, 0901, Administrative Secretary (Steno- graphic).....	N	7 800
<i>Total, Administration (College).....</i>		<u>\$32 040</u>

Station

Account Number 00-15-01-300

1. Carol M. Burton, 6421, Accountant I.....	N	\$ 5 400
2. Robert E. Sullivan, 5912, Accountant II.....	N	7 320
3. Elinor A. Corley, 0912, Clerk III.....	N	4 200
4. Eunice M. Mayhood, 6931, Accounting Clerk I.....	N	3 720
5. Mabel I. O'Neill, 0902, Chief Clerk.....	N	5 880
6. Evelyn Z. Bowie, 0907, Clerk-Stenographer III.....	N	3 660
7. Marvis A. Fitzsimmons, 0910, Clerk-Typist II.....	N	2 400
8. Eugene E. Lowry, 0903, Office Supervisor.....	N	5 820
<i>Total, Administration (Station).....</i>		<u>\$38 400</u>

Extension

Account Number 00-15-01-400

1. Larry G. Hess, 7669, Accountant I.....	N	\$ 4 680
2. Christ P. Sarro, 7581, Commercial Artist I.....	N	4 200
3. Patricia A. Close, 1218, Editorial Assistant.....	N	4 680
4. ———, 1213, Clerk I.....	N	2 400
5. ———, 1216, Clerk I.....	N	2 880
6. Margaret G. Silver, 1201, Clerk II.....	N	3 000
7. Mary E. Turner, 1200, Clerk II.....	N	3 300
8. Dorothy M. Conover, 1194, Clerk III.....	N	3 240
9. Dorothy K. Waller, 1192, Clerk III.....	N	4 200
10. Elizabeth Brown, 1207, Chief Clerk.....	N	5 040
11. Franklin G. Boyer, 1214, Stores Clerk.....	N	3 360
12. Connie M. Myers, 1211, Typing Clerk I.....	N	2 700
13. Betty A. Bruns, 1212, Typing Clerk II.....	N	2 940
14. ———, 7529, Typing Clerk II.....	N	2 400
15. Geraldine M. Baker, 1215, Clerk-Stenographer II.....	N	3 420
16. Sharon K. Young, 5916, Clerk-Stenographer III.....	N	3 240
17. ———, 6771, Clerk-Typist I.....	N	2 520
18. Mary F. Black, 1208, Clerk-Typist II.....	N	2 400
19. Maribelle Dean, 1209, Clerk-Typist II.....	N	3 000
20. Rosemary I. Judy, 1217, Clerk-Typist II.....	N	3 090
21. Carol A. Maris, 1198, Clerk-Typist II.....	N75	1 980
22. ———, 1198, Clerk-Typist II.....	N25	540
23. Judith P. Blackford, 1193, Clerk-Typist III.....	N	3 000

24. Marylyn J. Catalano, 1191, Clerk-Typist III.....	N	3 540
25. Patricia Meyers, 1197, Junior Illustrator.....	N	3 900
26. William N. Jenkins, 1226, Duplicating Machine Operator I	N	3 060
27. Ronald D. Reynolds, 1224, Duplicating Machine Operator		
II.....	N	3 120
28. Carl N. Empson, 1221, Duplicating Machine Operator III	N	5 160
29. Robert E. Hart, 6777, Duplicating Machine Operator III	N	3 900
30. Grace M. Haines, 1222, Office Appliance Operator II....	N	3 180
31. Ronald B. Hudson, 1225, Office Appliance Operator II...	N	2 760
32. Rose Marie Dunn, 6373, Tabulating Machine Operator I	N	3 300
33. L. Katherine Darland, 1190, Secretary (Stenographic)...	N	5 400
34. Ronald J. Smith, 1220, Storekeeper.....	N	4 650
35. Marion F. Berry, 1188, Office Supervisor.....	N	7 200
<i>Total, Administration (Extension).....</i>		<u>\$121 380</u>

Agricultural Mimeographing Service

Account Number 09-15-01-902

1. Margaret A. Bailey, 6820, Clerk I.....	N	\$ 2 520
2. Charles H. Metzel, Jr., 7302, Clerk I.....	N	2 400
3. ———, 6315, Clerk I.....	N	2 370
4. Charles J. Cloyd, 7455, Duplicating Machine Operator I	N	2 670
5. Rene Lara, 6141, Duplicating Machine Operator I.....	N ₅₀	1 380
6. ———, 7057, Duplicating Machine Operator I.....	N	2 520
<i>Total, Agricultural Mimeographing Service.....</i>		<u>\$13 860</u>

Agricultural Departmental Revolving

Account Number 12-15-01-316

1. Delmar L. Hillman, 6318, Clerk III.....	N	\$ 4 200
2. Vivian V. Walker, 7494, Clerk-Typist II.....	ZN65	1 872
(Total Salary)		(2 880)
3. ———, 6984, Office Appliance Operator I.....	N ₅₀	1 350
<i>Total, Agricultural Departmental Revolving.....</i>		<u>\$ 7 422</u>

Agricultural Sales Revolving

Account Number 12-15-01-378

1. Roy F. Michael, 1032, Storekeeper.....	N	\$ 4 950
<i>Total, Agricultural Sales Revolving.....</i>		<u>\$ 4 950</u>

Hatch — Administration — General Administration of Federal Funds

Account Number 21-15-01-301

1. Dean R. Archer, 1187, Clerk II.....	N ₅₀	\$ 1 500
<i>Total, Hatch — Administration — General Administration of Federal Funds.....</i>		<u>\$ 1 500</u>

Robert Allerton Park

Account Number 44-15-01-401

1. Buckner Carnder, 1766, Park Attendant.....	N	\$ 4 380
2. Enfer E. Evans, 1765, Park Attendant.....	N	4 380
3. Ervin W. Ison, 1768, Park Attendant.....	N	4 380
4. James G. Rogers, 1767, Park Attendant.....	N	4 380
5. Evelyn K. McIntyre, 5231, Clerk I.....	N ₅₀	1 500
6. Myrlin F. Buckingham, 1763, Park Foreman.....	N	4 860
(Perquisites University — housing)		
7. Gerald J. Sites, 5955, Maintenance Worker.....	N	4 740
<i>Total, Robert Allerton Park.....</i>		<u>\$28 620</u>

Cooperative Investigations

VARIOUS DONORS — URBAN 4-H CLUB WORK

Account Number 44-15-01-488

1. Marlene J. Aaroen, 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. Arlene J. Bailey, 6286, Clerk-Typist III.....	N	\$ 3 480
2. Mary Svetez, 0905, Secretary (Stenographic).....	ZN6	360
<i>Total, U.S. International Cooperation Administration — Foreign Visitors</i>		<i>\$ 3 840</i>

Agricultural Economics

College

Account Number 00-15-05-100

1. Sylvia J. King, 0947, Clerk-Stenographer III.....	N	\$ 3 540
<i>Total, Agricultural Economics (College).....</i>		<i>\$ 3 540</i>

Station

Account Number 00-15-05-300

1. Betty I. Hansen, 5059, Clerk II.....	ZN22	\$ 630
(Total Salary)		(2 850)
2. Doris M. Roush, 0946, Clerk II.....	ZN50	1 650
(Total Salary)		(3 300)
3. Mary Margaret Graham, 0945, Clerk III.....	N	3 780
4. Frances C. Frick, 6983, Chief Clerk.....	N	4 230
5. Thelma S. O'Neil, 0944, Chief Clerk.....	N	5 700
6. Anne M. Price, 0960, Clerk-Stenographer II.....	N50	1 530
7. Norma B. Rosendale, 0948, Clerk-Stenographer II.....	ZN50	1 500
(Total Salary)		(3 000)
8. Winifred R. Poling, 0951, Clerk-Typist II.....	N	2 610
9. _____, 0950, Office Appliance Operator I.....	N	2 400
10. Margaret R. Henry, 5366, Office Appliance Operator II..	ZN12	330
(Total Salary)		(2 730)
11. Ruth Gorrell, 0940, Secretary (Stenographic).....	N	5 700
12. Dolores L. Bowers, 0953, Statistician I.....	ZN15	540
(Total Salary)		(3 540)
<i>Total, Agricultural Economics (Station).....</i>		<i>\$30 600</i>

Farm Management Service

Account Number 09-15-05-926

1. Doris M. Roush, 0946, Clerk II.....	ZN50	\$ 1 650
2. Audrey I. Wynn, 0236, Typing Clerk II.....	ZN50	1 470
(Total Salary)		(2 940)
<i>Total, Farm Management Service.....</i>		<i>\$ 3 120</i>

Farm Accounting Revolving

Account Number 12-15-05-326

1. _____, 0966, Office Appliance Operator I.....	N	\$ 2 400
2. _____, 0965, Office Appliance Operator I.....	N	2 400
3. _____, 0967, Office Appliance Operator I.....	N	2 400
4. Ruth A. Hunt, 0964, Office Appliance Operator II.....	N	2 940
<i>Total, Farm Accounting Revolving.....</i>		<i>\$10 140</i>

Hatch — Economics — Farm Accounting Investigation

Account Number 21-15-05-301

1. Karen L. Strack, 7651, Clerk-Stenographer II.....	N50	\$ 1 470
2. Dorris M. Albin, 0962, Office Appliance Operator II.....	N	2 640
3. Margaret R. Henry, 5366, Office Appliance Operator II..	ZN88	2 400
<i>Total, Hatch — Economics — Farm Accounting Investi- gation.....</i>		<i>\$ 6 510</i>

Hatch — Economics — Land Use Crop Utilization

Account Number 21-15-05-304

1. Norma B. Rosendale, 0948, Clerk-Stenographer II.....	ZN50	\$ 1 500
2. _____, 3050, Office Appliance Operator II.....	N	2 520
<i>Total, Hatch — Economics — Land Use Crop Utilization</i>		<i>\$ 4 020</i>

Hatch—Economics—Expanding Milk Markets

Account Number 21-15-05-343

1. Sally Q. Reiss, 6614, Clerk-Typist II.....	N	\$ 2 610
<i>Total, Hatch—Economics—Expanding Milk Markets</i>		\$ 2 610

Hatch—Economics—Terminal Market Quotation NCM14

Account Number 21-15-05-362

1. _____, 0958, Clerk-Stenographer II.....	N	\$ 2 820
<i>Total, Hatch—Economics—Terminal Market Quotation NCM14</i>		\$ 2 820

Hatch—Economics—Cooperative Livestock Marketing in Illinois NCM18

Account Number 21-15-05-369

1. _____, 0959, Clerk-Typist II.....	N	\$ 2 520
<i>Total, Hatch—Economics—Cooperative Livestock Marketing in Illinois NCM18</i>		\$ 2 520

Hatch—Economics—Supply Marketing Price of Fats and Oils

Account Number 21-15-05-373

1. _____, 6823, Clerk-Typist II.....	N	\$ 2 640
<i>Total, Hatch—Economics—Supply Marketing Price of Fats and Oils</i>		\$ 2 640

Hatch—Economics—Analysis of Farm Price and Income

Account Number 21-15-05-381

1. Dolores L. Bowers, 0953, Statistician I.....	ZN85	\$ 3 000
<i>Total, Hatch—Economics—Analysis of Farm Price and Income</i>		\$ 3 000

Hatch—Economics—Measuring Farm Produce Demand

Account Number 21-15-05-383

1. Deanna K. Spencer, 0954, Clerk-Typist III.....	N	\$ 3 540
<i>Total, Hatch—Economics—Measuring Farm Produce Demand</i>		\$ 3 540

Regional Research Fund—Economics—Dairy Marketing NCM12

Account Number 23-15-05-341

1. Betty I. Hansen, 5059, Clerk II.....	ZN78	\$ 2 220
<i>Total, Regional Research Fund—Economics—Dairy Marketing NCM12</i>		\$ 2 220

Regional Research Fund—Economics—Dairy Marketing Trust NCM12

Account Number 23-15-05-344

1. Patricia J. Barham, 5592, Clerk-Typist III.....	N	\$ 3 210
<i>Total, Regional Research Fund—Economics—Dairy Marketing Trust NCM12</i>		\$ 3 210

Agricultural Engineering**College**

Account Number 00-15-10-100

1. Marjorie G. Freebairn, 0969, Clerk III.....	N	\$ 3 870
2. Joanne K. Ritz, 0972, Clerk-Typist II.....	N50	1 410
3. _____, 0972, Clerk-Typist II.....	N50	1 350
4. F. R. Wiley, 0973, Senior Laboratory Mechanic.....	N	5 880
<i>Total, Agricultural Engineering (College)</i>		\$12 510

Station

Account Number 00-15-10-300

1. William F. Baker, 7737, Accountant I.....	N	\$ 4 800
2. Cecil G. Marsh, 0975, Junior Laboratory Attendant.....	N	3 900
3. Arthur L. Carlson, 0974, Senior Laboratory Attendant..	N	4 770
4. Ruth C. Mann, 7243, Clerk-Typist II.....	N50	1 590

5. Vivian V. Walker, 7494, Clerk-Typist II.....	ZN35	1 008
(Total Salary)		(2 880)
6. Georgianna Noel, 0970, Clerk-Typist III.....	N	3 900
7. ———, 0977, Architectural Draftsman I.....	N	4 200
8. Kenneth R. Umbarger, 6835, Fieldman.....	N	4 440
9. Roy W. Brockett, 0976, Senior Laboratory Mechanic....	N	5 880
<i>Total, Agricultural Engineering (Station).....</i>		<i>\$34 488</i>

Hatch — Engineering — Efficiency in Farm Buildings

Account Number 21-15-10-374

1. James R. Johnstone, 7111, Junior Laboratory Mechanic...	ZN50	\$ 2 400
(Total Salary)		(4 800)
<i>Total, Hatch — Engineering — Efficiency in Farm Build- ings.....</i>		<i>\$ 2 400</i>

Cooperative Investigations

ALUMINUM COMPANY OF AMERICA — FARM STRUCTURES

Account Number 44-15-10-303

1. James R. Johnstone, 7111, Junior Laboratory Mechanic...	ZN50	\$ 2 400
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STATE OF ILLINOIS DIVISION OF HIGHWAYS — ROADSIDE COVER

Account Number 47-15-10-374

1. Clifford W. Schilling, 7685, Junior Laboratory Mechanic	N	\$ 4 800
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Agricultural Entomology**Regional Research Fund — Entomology —****Migration Insect Control in Illinois NC29**

Account Number 23-15-12-314

1. Faye J. Townsend, 7435, Senior Laboratory Attendant..	N75	\$ 2 970
<i>Total, Regional Research Fund — Entomology — Migra- tion Insect Control in Illinois NC29.....</i>		<i>\$ 2 970</i>

College**Agronomy**

Account Number 00-15-15-100

1. Virginia R. Patton, 0981, Clerk III.....	N	\$ 3 180
2. Susie G. Webster, 0984, Clerk-Typist II.....	N	3 330
3. Cecele E. Schlarmann, 0979, Office Supervisor.....	N	6 000
<i>Total, Agronomy (College).....</i>		<i>\$12 510</i>

Station

Account Number 00-15-15-300

1. John M. Parker, 7639, Scientific Analyst.....	N	\$ 4 260
2. Francis P. Conerty, 0995, Junior Laboratory Attendant..	N	4 040
3. Albert H. Hatchett, 0992, Junior Laboratory Attendant..	N	3 900
4. ———, 0994, Junior Laboratory Attendant.....	N	3 900
5. Nelle G. Pieper, 0982, Clerk II.....	N	3 090
6. Lulu B. Meyers, 0980, Chief Clerk.....	N	6 000
7. Norma J. Templin, 6616, Chief Clerk.....	N75	3 540
8. Jean A. Swanson, 7025, Statistical Clerk.....	N	2 820
9. Joy M. McCormick, 0983, Typing Clerk II.....	N	2 580
10. Martha L. Jones, 6507, Clerk-Typist II.....	ZN50	1 260
(Total Salary)		(2 520)
11. Marilyn G. Johnson, 0986, Clerk-Typist II.....	N	2 520
12. Joyce A. Place, 0987, Clerk-Typist II.....	N	3 060
13. Ingeborg K. Steinke, 0988, Clerk-Typist II.....	N	3 060
14. David R. Phillips, 7355, Cartographic Draftsman.....	N	4 500
15. Quentin A. Calder, 0997, Fieldman.....	N	4 620
(Perquisites University — housing)		
16. Herbert M. Hayes, 1002, Fieldman.....	N	4 620
17. Archie R. Mahaffey, 1001, Fieldman.....	N	4 620
18. Joseph C. Mitsdarfer, 0999, Fieldman.....	N	4 620
19. Otis W. Pile, 1003, Fieldman.....	N	4 620
20. Queto J. Rennie, 1000, Fieldman.....	N	4 200

21. Clem O. Smith, 0998, Fieldman.....	N	4 620
22. Richard R. Bell, 1004, Farm Foreman.....	N	5 100
(Perquisites University — housing)		
23. L. W. Clapp, 0996, Farm Foreman.....	N	5 370
24. Bob Hudson, 0388, Farm Foreman.....	N ⁵⁰	1 920
25. Charles Mahannah, Jr., 1006, Agricultural Gardener.....	N	4 500
26. Vivian M. Young, 0990, Office Appliance Operator II....	N	3 000
27. Thelma F. Chalmers, 7024, Statistician I.....	N	3 660
28. Kenneth E. Williams, Crops Testing Technician.....	N	5 100
<i>Total, Agronomy (Station).....</i>		<u>\$109 100</u>

Corn Testing Revolving

Account Number 12-15-15-311

1. _____, 7465, Clerk-Stenographer II.....	N ⁵⁰	\$ 1 500
2. Gerald L. Ross, 6596, Crops Testing Technician.....	N	5 100
<i>Total, Corn Testing Revolving.....</i>		<u>\$ 6 600</u>

Hatch — Agronomy — Characteristics and Distribution of Selected Soils in Northwestern Illinois

Account Number 21-15-15-362

1. Ilona Sandorfi, 5307, Draftsman.....	N	\$ 3 600
<i>Total, Hatch — Agronomy — Characteristics and Distribution of Selected Soils in Northwestern Illinois....</i>		<u>\$ 3 600</u>

Hatch — Agronomy — Measurement Production Rate RTO

Account Number 21-15-15-372

1. Elvera Keen, 0991, Clerk II.....	N	\$ 3 180
<i>Total, Hatch — Agronomy — Measurement Production Rate RTO</i>		<u>\$ 3 180</u>

Hatch — Agronomy — Physics of Water AK

Account Number 21-15-15-381

1. Clarence W. Hayden, 6690, Junior Laboratory Attendant	N ³⁹	\$ 1 619
<i>Total, Hatch — Agronomy — Physics of Water AK....</i>		<u>\$ 1 619</u>

Cooperative Investigations

ILLINOIS SEED PRODUCERS — CORN

Account Number 44-15-15-346

1. Donald E. Cler, 6203, Fieldman.....	N	\$ 4 500
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U.S. NATIONAL SCIENCE FOUNDATION G 3358

Account Number 46-15-15-358

1. Mary E. Fisher, 6891, Senior Laboratory Attendant.....	N	\$ 4 380
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U.S. NATIONAL SCIENCE FOUNDATION G 4407

Account Number 46-15-15-359

1. Donna J. Flesher, 6525, Senior Laboratory Attendant....	N	\$ 4 380
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College**Animal Science**

Account Number 00-15-20-100

1. Richard F. Beaird, 1013, Clerk III.....	N	\$ 3 660
2. Roberta L. Golden, 1017, Clerk-Stenographer II.....	N	2 910
3. Pat K. Cargnoni, 6095, Clerk-Stenographer III.....	ZN ⁵⁰	1 605
(Total Salary)		(3 210)
4. Ardeth L. Bricker, 1022, Clerk-Typist II.....	N	2 910
5. James W. Butler, 1054, Fieldman.....	N	4 620
6. Wesley E. Schulthes, 1056, Fieldman.....	N	4 620
7. Maurice Key, 1023, Supervising Farm Foreman.....	N	5 820
(Perquisites University — housing)		
8. John B. Cogswell, 1026, Herdsman Foreman.....	N	5 280
(Perquisites University — housing)		
9. Ted R. Brittenham, 1046, Herdsman.....	N	4 620
10. W. A. Majors, 1045, Herdsman.....	N	4 620
11. Thorne L. Matteson, 1048, Herdsman.....	N	4 620

12. Ervin L. Nordling, 1051, Poultryman.....	N	4 620
13. Linetta M. Parry, 1012, Secretary (Stenographic).....	N	5 520
<i>Total, Animal Science (College).....</i>		<u>\$55 425</u>

Station**Account Number 00-15-20-300**

1. Francis J. Dorsey, 1034, Junior Laboratory Attendant....	N	\$ 3 900
2. Charles H. Anders, 1038, Senior Laboratory Attendant....	N	4 740
3. Clifford A. Drescher, 1037, Senior Laboratory Attendant..	N	4 740
4. Raymond R. Marsh, 1035, Senior Laboratory Attendant...	N	5 010
5. Jasper Lewis, 1030, Butcher.....	ZN50	2 760
(Total Salary)		(5 520)
6. Beulah V. Dodd, 1018, Clerk-Stenographer II.....	N	3 000
7. Barbara J. Laske, 1019, Clerk-Stenographer II.....	N	2 940
8. Alma E. White, 1014, Clerk-Stenographer III.....	N	3 960
9. LaVern E. Grant, 1020, Clerk-Typist II.....	N	2 910
10. Julia A. Heberer, 5243, Clerk-Typist II.....	ZN50	1 380
(Total Salary)		(2 760)
11. Carol A. Zindars, 1021, Clerk-Typist II.....	N	2 910
12. ———, 1016, Clerk-Typist II.....	N	2 700
13. Dean R. Carmien, 1055, Fieldman.....	N	4 080
14. Ray Carmien, 7466, Fieldman.....	ZN50	2 100
(Total Salary)		(4 200)
15. Elmer W. Lewis, 1053, Fieldman.....	N	4 620
16. Alva G. Potts, 1052, Fieldman.....	N	4 620
17. J. Paul Rayburn, 1044, Fieldman.....	N	4 890
18. Roy F. Block, 1024, Herdsman Foreman.....	N	4 800
19. R. H. McDade, 1027, Herdsman Foreman.....	N	5 280
(Perquisites University — housing)		
20. Walter McWard, 1029, Herdsman Foreman.....	N	5 280
(Perquisites University — housing)		
21. Wayne E. Roberts, 5353, Herdsman Foreman.....	ZN67	3 538
(Total Salary)		(5 280)
22. Harold L. Cope, 1047, Herdsman.....	N	4 620
23. William O. Eaton, 1041, Herdsman.....	N	4 620
24. Oliver P. Lewis, 1057, Herdsman.....	N	4 620
25. Lowell D. Toppe, 4979, Herdsman.....	ZN29	1 270
(Total Salary)		(4 380)
26. M. J. Coon, 1043, Poultryman.....	N	4 800
27. Donald L. Wade, 1042, Poultryman.....	N	4 620
28. Leah M. Dunn, 1010, Secretary (Stenographic).....	ZN50	2 940
(Total Salary)		(5 880)
29. Herbert M. Goldman, 1015, Statistician I.....	N50	1 950
30. ———, 1015, Statistician I.....	N50	1 480
<i>Total, Animal Science (Station).....</i>		<u>\$111 078</u>

Stores — Feed Storage Overhead**Account Number 08-15-20-927**

1. Pat K. Cargnoni, 6095, Clerk-Stenographer III.....	ZN50	\$ 1 605
2. Ray Carmien, 7466, Fieldman.....	ZN50	2 100
3. Wayne E. Roberts, 5353, Herdsman Foreman.....	ZN33	1 742
4. Richard L. Munds, 1049, Herdsman.....	N	4 620
<i>Total, Stores — Feed Storage Overhead.....</i>		<u>\$10 067</u>

Hatch — Animal Science — Animal Nutrition**Account Number 21-15-20-306**

1. William Casebeer, Jr., 1036, Senior Laboratory Attendant	N	\$ 4 860
<i>Total, Hatch — Animal Science — Animal Nutrition.....</i>		<u>\$ 4 860</u>

Hatch — Animal Science — Beef Cattle from Non-corn Acreage**Account Number 21-15-20-349**

1. Jasper Lewis, 1030, Butcher.....	ZN50	\$ 2 760
<i>Total, Hatch — Animal Science — Beef Cattle from Non-corn Acreage</i>		<u>\$ 2 760</u>

Hatch — Animal Science — Physiology of Reproduction in Swine

Account Number 21-15-20-352

1. W. Walter Jackson, 6290, Herdsman.....	ZN63	\$ 2 911
(Total Salary)		(4 620)
<i>Total, Hatch — Animal Science — Physiology of Reproduction in Swine.....</i>		<i>\$ 2 911</i>

Cooperative Investigations**COMMERCIAL SOLVENTS CORPORATION — VITAMINS IN HOG RATIONS**

Account Number 44-15-20-315

1. James F. Bonnell, 5989, Herdsman.....	N	\$ 4 620
2. Lowell D. Toppe, 4979, Herdsman.....	ZN71	3 110
<i>Total, Commercial Solvents Corporation — Vitamins in Hog Rations</i>		<i>\$ 7 730</i>

MERCK AND COMPANY, INC. — GROWTH STIMULATION FOR SWINE

Account Number 44-15-20-346

1. W. Walter Jackson, 6290, Herdsman.....	ZN37	\$ 1 709
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VIOBIN CORPORATION — OCTACOSONAL

Account Number 44-15-20-390

1. Gerald D. Jones, 7665, Assistant Laboratory Attendant....	N50	\$ 1 380
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U.S. AIR FORCE 130

Account Number 46-15-20-301

1. Barbara J. Mathews, 5542, Clerk-Stenographer II.....	ZN25	\$ 675
(Total Salary)		(1 350)

U.S. ARMY MD 544

Account Number 46-15-20-303

1. James G. Bergan, 6321, Junior Laboratory Attendant.....	N50	\$ 1 740
2. Louis N. Nash, 6335, Junior Laboratory Attendant.....	N	3 720
3. ———, 6199, Junior Laboratory Attendant.....	N	3 360
4. Barbara J. Mathews, 5542, Clerk-Stenographer II.....	ZN25	675
<i>Total, U.S. Army MD 544.....</i>		<i>\$ 9 495</i>

U.S. ATOMIC ENERGY COMMISSION 677

Account Number 46-15-20-308

1. ———, 5394, Assistant Laboratory Attendant.....	N	\$ 2 610
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U.S. PUBLIC HEALTH SERVICE B 1386

Account Number 46-15-20-368

1. ———, 6518, Clinical Laboratory Technician.....	N	\$ 4 020
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County Farm Extension

Account Number 00-15-25-400

1. Hazel S. Brooks, 1210, Clerk I.....	N	\$ 3 000
2. Arlene A. Wakefield, 1205, Clerk-Stenographer II.....	N	3 210
3. Helen L. Graner, 1202, Clerk-Stenographer III.....	N	4 200
4. Virginia A. Kobel, 7418, Clerk-Typist II.....	N	3 420
5. ———, 1203, Clerk-Typist II.....	N	2 820
6. ———, 0913, Clerk-Typist II.....	N	2 400
7. Patricia I. Sagadine, 7553, Tabulating Machine Operator I	N	3 300
8. Elizabeth H. Hulett, 6251, Secretary (Stenographic).....	N	5 400
<i>Total, County Farm Extension.....</i>		<i>\$27 750</i>

Auxiliary — 4-H Memorial Camp Operation

Account Number 18-15-25-780

1. Robert J. Dowdle, 1240, Park Attendant.....	N	\$ 4 380
(Perquisites University — housing)		
<i>Total, Auxiliary — 4-H Memorial Camp Operation.....</i>		<i>\$ 4 380</i>

County Home Extension

Account Number 00-15-30-400

1. Pauline B. Hallberg, 1230, Clerk II.....	N	\$ 2 880
2. Norma L. Huls, 1238, Typing Clerk I.....	N	2 700
3. ———, 1235, Typing Clerk I.....	N ⁵⁰	1 320
4. Betty L. Hettinger, 1231, Typing Clerk II.....	N	3 300
5. M. Carol Erb, 1232, Clerk-Typist I.....	N	2 400
6. Sharon P. Harder, 1234, Clerk-Typist I.....	N	2 400
7. Carol Linda Smith, 1233, Clerk-Typist I.....	N	2 400
8. Laurelle M. Tagge, 1239, Clerk-Typist I.....	N	2 460
9. ———, 1229, Clerk-Typist II.....	N	2 460
10. Irma J. Wienke, 1228, Clerk-Typist III.....	N	3 360
11. Mildred M. Lair, 1227, Office Supervisor.....	N	5 700
Total, County Home Extension.....		\$31 380

Dairy Science

College

Account Number 00-15-35-100

1. Francis E. Althaus, 1069, Junior Laboratory Attendant...	N	\$ 3 360
2. Jo Ann M. Dunlap, 1063, Clerk-Stenographer II.....	N	2 940
3. Marjorie M. Hildreth, 1061, Clerk-Stenographer III.....	N	3 840
4. Virginia L. Stahl, 1060, Clerk-Stenographer III.....	N	3 120
5. Terry L. Branz, 1064, Clerk-Typist II.....	ZN ⁹⁴	2 244
(Total Salary)		(2 400)
6. Elizabeth A. Teuscher, 1066, Clerk-Typist II.....	N	2 640
7. Raymond Enyart, 1082, Herdsman.....	N	4 080
8. Ray E. King, 1078, Herdsman.....	N	4 620
(Perquisites Employee — housing)		(300)
9. Harold J. Menacher, 1090, Herdsman.....	N	4 620
10. Paul D. Moore, 1085, Herdsman.....	N	4 620
11. Charles S. Spitz, 1087, Herdsman.....	N	4 620
12. I. Rhea Adams, 1059, Secretary (Stenographic).....	N	5 280
Total, Dairy Science (College).....		\$45 984

Station

Account Number 00-15-35-300

1. ———, 1070, Senior Laboratory Attendant.....	N	\$ 3 945
2. Joseph Pohl, 7717, Accounting Clerk I.....	N	3 510
3. Nedra K. Pridemore, 1074, Clerk-Stenographer II.....	N	3 060
4. Kathryn A. Hoffman, 1068, Clerk-Typist II.....	ZN ⁸⁰	2 016
(Total Salary)		(2 520)
5. S. A. Hollingsworth, 6173, Clerk-Typist II.....	ZN ⁸⁶	2 262
(Total Salary)		(2 640)
6. Rita L. Youmans, 1067, Clerk-Typist II.....	N	2 760
7. Burford E. Hammitt, 1092, Fieldman.....	N	4 620
8. Russel R. Layman, 1081, Fieldman.....	N	4 620
9. Henry L. Wann, 1091, Fieldman.....	N	4 620
10. Fay Campbell, 1072, Farm Foreman.....	N	5 340
(Perquisites University — housing)		
11. Roy L. Shirley, 1073, Supervising Farm Foreman.....	N	5 520
(Perquisites University — housing)		
12. Leslie I. Elder, 1089, Herdsman.....	N	4 200
13. Gilbert L. Foreman, 1088, Herdsman.....	N	4 620
14. Paul F. Hallowell, 1084, Herdsman.....	N	4 620
15. Arthur E. Miller, 1075, Herdsman.....	N	4 830
16. Clarence R. Millsap, 1095, Herdsman.....	N	4 380
17. Robert Lee O'Bryan, 1097, Herdsman.....	N	4 620
18. Burl E. Petty, 1086, Herdsman.....	N	4 740
19. Charles G. Peyton, 1094, Herdsman.....	N	4 620
20. Eugene S. Poehler, 1093, Herdsman.....	N	4 620
21. Frank Seiler, 1083, Herdsman.....	N	4 740
22. Warren R. Smith, 1079, Herdsman.....	N	4 890
23. Orville C. Starwalt, 1077, Herdsman.....	N	4 800

24. Virgil D. Unzicker, 1096, Herdsman.....	N	4 380
25. James A. Voss, 1076, Herdsman.....	N	4 800
26. Lawrence E. Williams, 1080, Herdsman.....	N	4 620
<i>Total, Dairy Science (Station).....</i>		<u>\$111 753</u>

Dairy Official Testing Revolving

Account Number 12-15-35-316

1. Terry L. Branz, 1064, Clerk-Typist II.....	ZN6	\$ 156
(Total Salary)		(2 400)
2. Sherman M. Dockum, 1105, Advanced Registry Tester...	N	3 900
3. Charles K. Hays, 1102, Advanced Registry Tester.....	N	3 900
4. Henry W. Hern, 1107, Advanced Registry Tester.....	N	3 900
5. William A. Wilson, 1104, Advanced Registry Tester.....	N	3 420
6. ———, 1108, Advanced Registry Tester.....	N	3 780
<i>Total, Dairy Official Testing Revolving.....</i>		<u>\$19 056</u>

Hatch — Dairy Science — Metabolism in Ruminants

Account Number 21-15-35-315

1. Kathryn A. Hoffman, 1068, Clerk-Typist II.....	ZN12	\$ 302
<i>Total, Hatch — Dairy Science — Metabolism in Ruminants.....</i>		<u>\$ 302</u>

Hatch — Dairy Science — Artificial Insemination

Account Number 21-15-35-316

1. Paul V. Malven, 5591, Senior Laboratory Attendant.....	ZN50	\$ 2 160
(Total Salary)		(4 320)
2. S. A. Hollingsworth, 6173, Clerk-Typist II.....	ZN14	378
(Total Salary)		(2 640)
<i>Total, Hatch — Dairy Science — Artificial Insemination</i>		<u>\$ 2 538</u>

Hatch — Dairy Science — Metabolism

Account Number 21-15-35-317

1. ———, 7371, Junior Laboratory Attendant.....	N	\$ 3 360
<i>Total, Hatch — Dairy Science — Metabolism.....</i>		<u>\$ 3 360</u>

Indirect Costs — Graduate Study in Dairy Science — Broquist

Account Number 41-15-35-308

1. Harold A. Bond, 7721, Senior Laboratory Attendant.....	N	\$ 3 960
<i>Total, Indirect Costs — Graduate Study in Dairy Science — Broquist.....</i>		<u>\$ 3 960</u>

Cooperative Investigations

NORTHERN-SOUTHERN ILLINOIS COOPERATIVE BREEDING

Account Number 44-15-35-357

1. Paul V. Malven, 5591, Senior Laboratory Attendant.....	ZN50	\$ 2 160
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ROCKEFELLER FOUNDATION — FUNDAMENTAL BIOLOGY

Account Number 44-15-35-373

1. M. Elizabeth Hageman, 6299, Senior Laboratory Attendant	N50	\$ 2 356
2. Lydia S. Meyer, 6089, Senior Laboratory Attendant.....	N	3 960
3. Kathryn A. Hoffman, 1068, Clerk-Typist II.....	ZN8	202
<i>Total, Rockefeller Foundation — Fundamental Biology..</i>		<u>\$ 6 518</u>

U.S. ATOMIC ENERGY COMMISSION PROJECT 21

Account Number 46-15-35-305

1. ———, 6363, Junior Laboratory Attendant.....	N	\$ 3 480
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Dixon Springs Experiment Station

Account Number 00-15-40-300

1. R. W. Anderson, 0921, Senior Laboratory Attendant.....	ZN75	\$ 3 375
(Total Salary)		(4 500)
(Perquisites University — lodging)		
2. Charlotte R. Benard, 0918, Clerk-Stenographer I.....	N	2 700

3. Doris Jean Richards, 7339, Clerk-Stenographer III.....	N	3 420
4. Robie T. Anderson, 0934, Assistant Farmer.....	N	3 360
5. Buel L. Bailey, 0929, Assistant Farmer.....	N	3 330
6. Ernest W. Bailey, 0943, Assistant Farmer.....	ZN19	660
(Total Salary)		(3 540)
(Perquisites University—lodging)		
7. John R. Bailey, 0933, Assistant Farmer.....	N	3 630
8. Lowell L. Bailey, 0932, Assistant Farmer.....	N	3 600
9. James R. Boaz, 0922, Assistant Farmer.....	N	3 600
10. Maurice E. Burgess, 6744, Assistant Farmer.....	N	3 300
11. B. W. Hardin, 0927, Assistant Farmer.....	N	3 990
12. Joe S. Harris, 0938, Assistant Farmer.....	N	3 480
13. Gerald Klink, 5360, Assistant Farmer.....	N	3 420
14. Edward Sharp, 0937, Assistant Farmer.....	N	3 360
15. James Trigg, 0939, Assistant Farmer.....	N	3 660
16. Maurice R. Wells, 0930, Assistant Farmer.....	N	3 660
17. Eugene Wise, 0924, Assistant Farmer.....	N	3 540
(Perquisites University—lodging)		(180)
18. J. Wayne Mizell, 0925, Farm Foreman.....	N	4 020
(Perquisites University—lodging)		
19. Earl Williamson, 0926, Farm Foreman.....	N	4 680
(Perquisites University—lodging)		
20. Thomas E. Lauderdale, 0920, Herdsman Foreman.....	N	4 110
(Perquisites University—lodging)		
21. Oakley Robinson, 0919, Herdsman Foreman.....	N	4 680
(Perquisites University—lodging)		
22. Irene Fritch, 6706, Housekeeper.....	H	(2 520)
23. Roy Brush, 0935, Farm Laborer.....	N	3 300
24. Ronald O. Phelps, 0928, Farm Laborer.....	N	3 360
25. Clarence Tooley, 0936, Farm Laborer.....	N	3 300
26. Howard Bradley, 7385, Building Mechanic.....	N	3 780
27. James W. Hemphill, 7386, Building Mechanic.....	N	4 200
28. Fred Kerley, 7383, Building Mechanic.....	N	3 780
29. Wayne Lewis, 7384, Building Mechanic.....	N	3 780
30. Donnie R. Morris, 6108, Farm Mechanic.....	N	3 600
31. Lee Phelps, 5872, Farm Mechanic.....	N	4 200
(Perquisites University—lodging)		
32. Leah M. Dunn, 0917, Secretary (Stenographic).....	ZN50	2 940
(Total Salary)		(5 880)
Total, Dixon Springs Experiment Station.....		\$109 815

Hatch — Dixon Springs — Pasture, All Projects

Account Number 21-15-40-301

1. Ernest W. Bailey, 0943, Assistant Farmer.....	ZN81	\$ 2 880
(Perquisites University—lodging)		
2. Dee Robinson, 0942, Assistant Farmer.....	N	3 750
(Perquisites University—lodging)		
3. Leslie Maynor, 7411, Building Mechanic.....	N	3 780
Total, Hatch — Dixon Springs — Pasture, All Projects..		\$10 410

Hatch — Dixon Springs — Production and Maintenance of Forage Crops

Account Number 21-15-40-326

1. Claude E. Parks, 0931, Assistant Farmer.....	ZN50	\$ 1 710
(Total Salary)		(3 420)
Total, Hatch — Dixon Springs — Production and Maintenance of Forage Crops.....		\$ 1 710

Hatch — Dixon Springs — Control of Sheep and Cattle Parasites

Account Number 21-15-40-335

1. Carl B. Aaron, 0931, Assistant Farmer.....	N	\$ 3 360
Total, Hatch — Dixon Springs — Control of Sheep and Cattle Parasites		\$ 3 360

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	\$ 3 510
<i>Total, Hatch — Dixon Springs — Silage Made from Component Parts and the Whole of Various Plants..</i>		\$ 3 510

Regional Research Fund — Dixon Springs — Improving Beef Cattle by Breeding and Selection

Account Number 23-15-40-372

1. Rillis L. Kerley, 5461, Assistant Farmer.....	N	\$ 3 390
<i>Total, Regional Research Fund — Dixon Springs — Improving Beef Cattle by Breeding and Selection.....</i>		\$ 3 390

College Food Technology

Account Number 00-15-50-100

1. Estelle T. Mann, 1111, Clerk-Typist III.....	N	\$ 3 450
2. Gracye M. Baker, 1109, Secretary (Stenographic).....	N	4 800
<i>Total, Food Technology (College).....</i>		\$ 8 250

Station

Account Number 00-15-50-300

1. Ralph J. Getz, 1118, Dairy and Food Plant Attendant....	N	\$ 4 620
2. W. L. Herriott, 1116, Dairy and Food Plant Attendant...	N	4 740
3. Walter W. Reinhart, 1117, Dairy and Food Plant Attendant.....	N	4 740
4. _____, 5142, Clerk-Typist II.....	N	2 400
5. _____, 6501, Clerk-Typist II.....	N ⁹⁰	2 600
6. Reba N. Corray, 1110, Clerk-Typist III.....	N	3 120
<i>Total, Food Technology (Station).....</i>		\$22 220

College Forestry

Account Number 00-15-55-100

1. _____, 1120, Clerk-Typist III.....	N	\$ 3 120
2. Dorothy E. Hanke, 1119, Secretary (Stenographic).....	N	5 820
<i>Total, Forestry (College).....</i>		\$ 8 940

Station

Account Number 00-15-55-300

1. Paul E. Quertermous, 6448, Clerk III.....	ZN ²⁸	\$ 1 170
(Total Salary)		(4 200)
<i>Total, Forestry (Station).....</i>		\$ 1 170

Hatch — Forestry — Plantations

Account Number 21-15-55-341

1. Lowell L. Ditterline, 1122, Assistant Farmer.....	N	\$ 3 410
<i>Total, Hatch — Forestry — Plantations</i>		\$ 3 410

Hatch — Forestry — Water Yields from Lake

Account Number 21-15-55-342

1. Paul E. Quertermous, 6448, Clerk III.....	ZN ⁷²	\$ 3 030
2. Claude E. Parks, 0931, Assistant Farmer.....	ZN ⁵⁰	1 710
(Total Salary)		(3 420)
<i>Total, Hatch — Forestry — Water Yields from Lake....</i>		\$ 4 740

College Home Economics

Account Number 00-15-60-100

1. Rose Mary Brown, 6837, Foods Laboratory Assistant....	G ⁵⁰	\$ 1 200
(Nine months)		
2. Bernice Newberry, 1131, Foods Laboratory Assistant....	N	3 450
3. _____, 7278, Clerk I.....	N	2 520

4.	1129, Clerk II.....	N	2 700
5.	Dorothy E. Porter, 1125, Clerk III.....	N	3 780
6.	Ellen M. Thilker, 7514, Clerk-Typist I.....	N	2 550
7.	Patricia M. Halford, 1130, Clerk-Typist II.....	N	2 850
8.	Rita K. Osterbur, 1128, Clerk-Typist II.....	N	2 820
9.	Jean S. Schneider, 6818, Clerk-Typist II.....	N	2 700
10.	Marilyn S. Mathis, 1126, Clerk-Typist III.....	N	3 060
11.	Mary H. Griffet, 1132, Housekeeper.....	N	2 880
12.	Jeanne L. Hafstrom, 1123, Secretary (Stenographic).....	N	5 520
<i>Total, Home Economics (College).....</i>			<u>\$36 030</u>

Station

Account Number 00-15-60-300

1.	Lenora Padgett, 7313, Foods Laboratory Assistant.....	N	\$ 2 730
2.	Thomas M. Wimmer, Jr., 6929, Distribution Clerk.....	N	3 900
3.	Shirley Pryor White, 1127, Clerk-Stenographer III.....	N	3 420
<i>Total, Home Economics (Station).....</i>			<u>\$10 050</u>

Home Economics Cafeteria Revolving

Account Number 12-15-60-212

1.	Beatrice C. Harms, 1142, Foods Laboratory Assistant.....	G	\$ 2 190
(Perquisites University — one meal)			
(Nine months)			
2.	Clara Jackson, 1141, Foods Laboratory Assistant.....	G	2 340
(Perquisites University — one meal)			
(Nine months)			
3.	Catherine Montgomery, 1140, Foods Laboratory Assistant.....	G	2 130
(Perquisites University — one meal)			
(Nine months)			
4.	Helen L. Turley, 7417, Foods Laboratory Assistant.....	G	2 010
(Perquisites University — one meal)			
(Nine months)			
5.	Kathryn I. Van Koten, 1139, Foods Laboratory Assistant.....	G	2 010
(Perquisites University — one meal)			
(Nine months)			
<i>Total, Home Economics Cafeteria Revolving.....</i>			<u>\$10 680</u>

Hatch — Home Economics — Soybeans as Food

Account Number 21-15-60-324

1.	Janet A. Schleter, 7306, Scientific Analyst.....	N17	\$ 667
<i>Total, Hatch — Home Economics — Soybeans as Food..</i>			<u>\$ 667</u>

College**Horticulture**

Account Number 00-15-65-100

1.	Jo Ann Wilson, 1144, Clerk III.....	N	\$ 3 420
2.	Louise M. Fininis, 1143, Chief Clerk.....	N	5 700
3.	Constance J. Ferguson, 1146, Clerk-Typist II.....	N	3 000
<i>Total, Horticulture (College).....</i>			<u>\$12 120</u>

Station

Account Number 00-15-65-300

1.	John K. Bouseman, 6165, Junior Laboratory Attendant....	N	\$ 3 360
2.	Mary G. Corliss, 7121, Senior Laboratory Attendant.....	N	3 960
3.	Marcia A. Hediger, 1149, Clerk-Typist II.....	N	2 700
4.	Pauletta G. Will, 1147, Clerk-Typist II.....	N	3 000
5.	6244, Clerk-Typist II.....	N	2 940
6.	Clarence A. Gerber, 1155, Agricultural Gardener Foreman.....	N	4 680
7.	Ernest O. Hart, 1153, Agricultural Gardener Foreman....	N	5 370
8.	Ward T. Matthews, 1152, Agricultural Gardener Foreman.....	N	5 490
9.	Walter M. Staszak, 1154, Agricultural Gardener Foreman.....	N	5 040
10.	Harold McGee, 1151, Supervising Farm Foreman.....	N	5 610
11.	Thomas Arie, 1177, Agricultural Gardener.....	N	4 650

12. Bruce O. Barkley, 1164, Agricultural Gardener.....	N	4 440
13. Arthur L. Brummet, 1178, Agricultural Gardener.....	N	4 620
14. Robert C. Chancellor, 1162, Agricultural Gardener.....	N	4 830
15. Leroy Crawford, 1180, Agricultural Gardener.....	N	4 620
16. Clarence G. Davis, 1173, Agricultural Gardener.....	N	4 620
17. Glenn J. Gleason, 1172, Agricultural Gardener.....	N	4 620
18. Ira F. Gudgel, 1168, Agricultural Gardener.....	N	4 620
19. Vernon L. Harris, 1176, Agricultural Gardener.....	N	4 620
20. Elza R. Hawkins, Jr., 1174, Agricultural Gardener.....	N	4 440
21. Ezra O. Hughes, 1170, Agricultural Gardener.....	N	4 620
22. Virgil Kesler, 1165, Agricultural Gardener.....	N	4 680
23. Carl H. Mohr, 1171, Agricultural Gardener.....	N	4 620
24. Freal C. Myers, 1166, Agricultural Gardener.....	N	4 620
25. Francis J. Palmisano, 1167, Agricultural Gardener.....	N	4 380
26. Julius F. Reinhart, 1175, Agricultural Gardener.....	N	4 620
27. Garland Riddell, 1169, Agricultural Gardener.....	N	4 620
28. Gordon E. Smith, 1179, Agricultural Gardener.....	N	4 380
29. Stanley E. Bundy, 1160, Cold Storage Operator.....	N	4 650
30. W. E. Clark, 1159, Cold Storage Operator.....	N	4 620
31. J. C. Embry, 1161, Cold Storage Operator and Agricul- tural Gardener	N	4 650
32. Cornelius J. Rund, 1158, Chief Cold Storage Operator....	N	5 640
33. Wilbur A. Kelley, 1156, Storekeeper.....	N	5 160
<i>Total, Horticulture (Station).....</i>		<u>\$149 490</u>

Plant Pathology**College**

Account Number 00-15-68-100

1. M. Arleah Dix, 6551, Clerk-Stenographer III.....	N	\$ 4 800
2. Glenna M. Turner, 7303, Clerk-Typist I.....	N	2 640
<i>Total, Plant Pathology (College).....</i>		<u>\$ 7 440</u>

Hatch — Plant Pathology — Spray Orchard Improvement

Account Number 21-15-68-377

I. Ina M. Knueppel, 1185, Assistant Laboratory Attendant... N	\$ 2 760
<i>Total, Hatch—Plant Pathology—Spray Orchard Im-</i> <i>provement.....</i>	<u>\$ 2 760</u>

Cooperative Investigations

U.S.D.A. 809 31

Account Number 46-15-68-316

1. —————, 7240, Technical Compiler.....	N	\$ 4 400
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Veterinary Research**Station**

Account Number 00-15-70-300

1. Ernest M. Canavan, 1186, Animal Caretaker.....	N	\$ 4 620
(Perquisites University — housing)		
<i>Total, Veterinary Research (Station).....</i>		<u>\$ 4 620</u>

Cooperative Investigations

U.S. ARMY MD 728

Account Number 46-15-70-303

1. James G. Lykins, 6746, Animal Caretaker.....	N	\$ 4 440
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Vocational Agriculture**College**

Account Number 00-15-75-100

1. Betty J. Cain, 0914, Clerk-Stenographer III.....	N	\$ 3 930
2. Beverly A. Nickelson, 0915, Clerk-Typist II.....	ZN ₅₀	1 500
(Total Salary)		(3 000)
3. Guy Hart, 5589, Storekeeper.....	N	4 890
<i>Total, Vocational Agriculture (College).....</i>		<u>\$10 320</u>

Vocational Agriculture Revolving

Account Number 12-15-75-270

1. _____, 6560, Clerk-Typist I.....	N	\$ 2 520
2. Beverly A. Nickelson, 0915, Clerk-Typist II.....	ZN50	1 500
<i>Total, Vocational Agriculture Revolving.....</i>		<u>\$ 4 020</u>

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION**Administration**

Account Number 00-17-01-100

1. Sandra L. Nelson, 1517, Clerk II.....	N	\$ 3 060
2. Lois A. Dallas, 1519, Chief Clerk.....	N	4 950
3. Mary N. Gamble, 6512, Clerk-Stenographer III.....	N	3 540
4. Darlene Richey, 1512, Clerk-Stenographer III.....	N	3 240
5. Shirley M. Scesney, 5350, Clerk-Stenographer III.....	N	3 600
6. _____, 1513, Clerk-Stenographer III.....	N	3 600
7. Bonnie J. Bain, 7155, Clerk-Typist III.....	N	3 720
8. Dolores C. Muga, 7166, Secretary (Stenographic).....	N	(4 230)
(Paid from Item 11)		
9. Mary C. Smith, 7327, Secretary (Stenographic).....	N	4 230
10. Sarah B. Steier, 7668, Secretary (Stenographic).....	N	3 990
11. _____, 5110, Administrative Secretary (Steno- graphic).....	N	5 250
<i>Total, Administration</i>		<u>\$39 180</u>

Accountancy

Account Number 00-17-05-100

1. Anna R. Feltner, 7703, Clerk-Stenographer II.....	ZN41	\$ 1 500
(Total Salary)		(1 800)
2. _____, 1521, Clerk-Stenographer II.....	N	2 700
3. Mildred B. Brumfield, 1520, Secretary (Stenographic)....	N	5 910
<i>Total, Accountancy</i>		<u>\$10 110</u>

American Accountancy Association — Academic Bulletin

Account Number 44-17-05-104

1. Anna R. Feltner, Clerk-Stenographer II.....	ZN9	\$ 300
<i>Total, American Accountancy Association — Academic Bulletin.....</i>		<u>\$ 300</u>

Business Education

Account Number 00-17-10-100

1. Cheryl I. Fuerst, 1515, Clerk-Typist I.....	N50	\$ 1 260
<i>Total, Business Education.....</i>		<u>\$ 1 260</u>

Business Law

Account Number 00-17-15-100

1. _____, 1515, Clerk-Stenographer III.....	N50	\$ 1 620
<i>Total, Business Law.....</i>		<u>\$ 1 620</u>

Economics

Account Number 00-17-20-100

1. Mariam J. Meredith, 5687, Clerk-Stenographer II.....	N	\$ 3 120
2. Rita L. Barry, 1514, Clerk-Stenographer III.....	N	3 420
3. Jean F. Masterson, 7490, Clerk Stenographer III.....	N50	1 800
4. Helen Ann Godfrey, 1522, Secretary (Stenographic)....	N	5 910
<i>Total, Economics</i>		<u>\$14 250</u>

Finance

Account Number 00-17-22-100

1. Mary P. Sudduth, 5801, Secretary (Stenographic).....	N	\$ 5 940
<i>Total, Finance</i>		<u>\$ 5 940</u>

Management

Account Number 00-17-25-100

1. _____, 6968, Clerk-Stenographer II.....	N50	\$ 1 350
2. Margaret A. Murphy, 1511, Clerk-Stenographer III.....	N	3 360
<i>Total, Management</i>		\$ 4 710

Marketing

Account Number 00-17-30-100

1. Helen S. McFarland, 1516, Secretary (Stenographic).....	N	\$ 4 200
<i>Total, Marketing</i>		\$ 4 200

Bureau of Economic and Business Research

Account Number 00-17-35-300

1. F. Louise Hammer, 1525, Clerk-Stenographer II.....	N	\$ 2 850
2. Deloris J. Ricketts, 1526, Clerk-Typist II.....	N	2 550
3. Bette O. Hulmes, 1523, Secretary (Stenographic).....	N	4 140
<i>Total, Bureau of Economic and Business Research</i>		\$ 9 540

Cooperative Investigations

FORD FOUNDATION — CONSUMER SAVINGS

Account Number 44-17-35-327

1. Anne W. Shubert, 7645, Clerk-Typist II.....	N50	\$ 1 290
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Bureau of Business Management

Account Number 00-17-40-400

1. Carol L. McClure, 1530, Clerk-Stenographer II.....	N	\$ 2 970
2. Elsa L. Singbusch, 1528, Secretary (Stenographic).....	N	5 040
<i>Total, Bureau of Business Management</i>		\$ 8 010

Business Management Revolving

Account Number 12-17-40-470

1. _____, 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. Jeanette Bialeschki, 1534, Clerk-Typist III.....	N	\$ 3 540
2. Shirley A. Fryer, 1532, Clerk-Typist III.....	N	3 360
3. Donna M. Marquardt, 1533, Clerk-Typist III.....	N	3 540
4. Betty A. Richards, 1531, Administrative Secretary (Stenographic).....	N	7 470
<i>Total, Administration</i>		\$17 910

Agricultural Education

Account Number 00-20-05-100

1. Eileen A. Ragsdale, 1535, Clerk-Stenographer III.....	N	\$ 3 750
<i>Total, Agricultural Education</i>		\$ 3 750

Education

Account Number 00-20-10-100

1. Eleanor I. Harrison, 5615, Editorial Assistant.....	N50	\$ 1 800
2. Julia M. Snyder, 1536, Chief Clerk.....	N	5 520
3. Geraldine B. Evans, 1545, Clerk-Typist II.....	N50	1 500
4. Evelyn L. Farrell, 1543, Clerk-Typist II.....	N	3 510
5. Martha N. McDuffee, 1546, Clerk-Typist II.....	N	2 880
6. _____, 1539, Clerk-Typist II.....	N50	1 440
7. _____, 5523, Clerk-Typist II.....	N50	1 200
8. _____, 7222, Clerk-Typist II.....	N	2 820
9. Joan E. Cender, 6797, Clerk-Typist III.....	N	3 060
10. Georgia M. Cook, 1541, Clerk-Typist III.....	N	3 060
11. Nina C. Hamrick, 1540, Clerk-Typist III.....	N	3 990

12. Sharon J. Hartman, 1538, Clerk-Typist III.....	N	3 240
13. M. Lois Brooks, 1537, Secretary (Stenographic).....	ZN50	2 505
(Total Salary)		(5 010)
<i>Total, Education</i>		<u>\$36 525</u>

Cooperative Investigations

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE G5
Account Number 46-20-10-116

1. _____, 6689, Clerk-Typist II.....	N	\$ 2 400
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U.S. NATIONAL SCIENCE FOUNDATION G 7188

Account Number 46-20-10-155

1. Nancy H. Stone, 7730, Clerk-Typist II.....	N	\$ 3 000
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University Council on Teacher Education**Administration**

Account Number 00-20-25-100

1. Geraldine B. Hopper, 1551, Clerk-Stenographer III.....	N	\$ 3 360
2. _____, 1550, Clerk-Stenographer III.....	N	3 480
3. Kazuko S. Shimooka, 1549, Secretary (Stenographic).....	N	5 940
<i>Total, Administration</i>		<u>\$12 780</u>

Placement and Follow-Up

Account Number 00-20-30-100

1. Mary F. Mauk, 1553, Administrative Clerk.....	N	\$ 6 870
2. Betty A. Goldenstein, 1555, Clerk-Stenographer III.....	ZN25	1 050
(Total Salary)		(4 200)
3. Charlotte M. Becker, 1557, Clerk-Typist II.....	N	2 700
4. Patsy J. Wagoner, 6747, Clerk-Typist II.....	N	2 640
5. _____, 7738, Clerk-Typist II.....	N	2 790
6. Orlena M. Welch, 1554, Clerk-Typist III.....	N	3 270
7. Marion J. Jung, 1556, Clerk-Typist III.....	N	3 060
<i>Total, Placement and Follow-Up</i>		<u>\$22 380</u>

TEACHER PLACEMENT AND FOLLOW-UP REVOLVING

Account Number 12-20-30-170

1. _____, 7473, Clerk-Typist II.....	N	\$ 2 640
<i>Total, Teacher Placement and Follow-Up Revolving</i>		<u>\$ 2 640</u>

Cooperative Investigations

NATIONAL ASSOCIATION OF SECONDARY SCHOOL PRINCIPALS —
STAFF UTILIZATION

Account Number 44-20-30-356

1. Betty A. Goldenstein, 1555, Clerk-Stenographer III.....	ZN75	\$ 3 150
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University High School

Account Number 00-20-45-200

1. Jean M. Glass, 1559, Clerk-Stenographer III.....	G	\$ 2 520
(Nine months)		
2. Frances B. Busch, 1560, Clerk-Typist II.....	N	2 580
3. Mary C. Gabbert, 1561, Clerk-Typist II.....	N50	1 560
4. _____, 1561, Clerk-Typist II.....	N50	1 320
5. Audrey L. Munger, 1558, Secretary (Stenographic).....	N	4 020
<i>Total, University High School</i>		<u>\$12 000</u>

Cooperative Investigations

CARNEGIE INSTITUTE — COOPERATIVE PROGRAMS IN ARITHMETIC
Account Number 44-20-45-310

1. Karen L. Bluhm, 7620, Clerk-Stenographer III.....	N	\$ 3 780
2. Helen S. Herget, 7789, Clerk-Typist II.....	N	3 000
<i>Total, Carnegie Institute — Cooperative Programs in Arithmetic</i>		<u>\$ 6 780</u>

CARNEGIE INSTITUTE — COOPERATIVE PROGRAMS IN MATHEMATICS
 Account Number 44-20-45-312

1. Nedra L. Frederick, 7772, Clerk I.....	N	\$ 2 580
2. Norine Rademacher, 7382, Clerk-Typist I.....	N	2 490
3. Betty M. Ellis, 7481, Clerk-Typist II.....	N	3 360
4. Barbara Gibson, 7559, Clerk-Typist II.....	N	3 000
5. Marilyn E. McKinney, 6793, Clerk-Typist II.....	N	3 330
6. Alvina R. Fifer, 6132, Clerk-Typist III.....	N	3 420
7. E. June Harris, 6723, Secretary (Transcribing).....	N	4 380
<i>Total, Carnegie Institute — Cooperative Programs in Mathematics.....</i>		<i>\$22 560</i>

Bureau of Educational Research
General

Account Number 00-20-50-300

1. Gloria J. Block, 1563, Clerk-Typist III.....	N	\$ 3 180
2. Joyce F. Fasnacht, 1564, Clerk-Typist III.....	N	3 270
3. _____, 1566, Clerk-Typist III.....	N	3 000
4. Luella G. Holtzclaw, 1562, Secretary (Stenographic).....	N	5 490
<i>Total, Bureau of Educational Research — General.....</i>		<i>\$14 940</i>

Educational Surveys
Educational Surveys Revolving

Account Number 12-20-50-478

1. Therese E. Jowasky, 1575, Clerk-Stenographer III.....	N	\$ 4 200
<i>Total, Educational Surveys Revolving.....</i>		<i>\$ 4 200</i>

Cooperative Investigations

 U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE —
 CRITICAL THINKING

Account Number 46-20-50-316

1. Madeline Saltarelli, 5672, Clerk-Typist III.....	ZN50	\$ 1 560
<i>(Total Salary)</i>		<i>(3 120)</i>

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE SAE 8141

Account Number 46-20-50-318

1. Maureen T. Brown, 7710, Clerk-Typist II.....	N	\$ 3 180
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U.S. PUBLIC HEALTH SERVICE M1839

Account Number 46-20-50-367

1. Madeline Saltarelli, 5672, Clerk-Typist III.....	ZN50	\$ 1 560
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Evaluation

Account Number 00-20-60-400

1. Rosalee A. Hodge, 1571, Card Punch Operator I.....	N	\$ 2 520
2. Marijane Johnson, 1569, Card Punch Operator II.....	N	2 700
3. Lois M. Williamson, 1568, Secretary (Stenographic).....	N	5 730
<i>Total, Research Evaluation.....</i>		<i>\$10 950</i>

Educational Testing Revolving

Account Number 12-20-60-482

1. Ruby F. Murphy, 1574, Clerk II.....	N	\$ 2 760
2. Arlene L. Schwartz, 1570, Clerk-Stenographer II.....	N	3 180
<i>Total, Educational Testing Revolving.....</i>		<i>\$ 5 940</i>

Institute for Research on Exceptional Children

Account Number 00-20-70-300

1. _____, 5319, Secretary (Transcribing).....	N	\$ 4 020
<i>Total, Institute for Research on Exceptional Children..</i>		<i>\$ 4 020</i>

Cooperative Investigations

STATE DEPARTMENT OF PUBLIC WELFARE — MENTAL DEFICIENCIES

Account Number 47-20-70-352

1. Barbara J. Schaefer, 6472, Clerk-Typist III.....	N	\$ 3 240
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U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE SAE 8204

Account Number 46-20-70-316

1. Barbara J. Gawthorp, 6449, Clerk-Typist II.....	N	\$ 2 940
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COLLEGE OF ENGINEERING**Administration****College**

Account Number 00-22-01-100

1. Hazel S. Ruffner, 1251, Clerk III.....	N	\$ 4 140
2. Ramona L. Huber, 1243, Chief Clerk.....	N	5 790
3. Frances W. Reynolds, 6874, Typing Clerk I.....	N	2 460
4. Audriana Dunn, 1250, Typing Clerk II.....	N	2 910
5. Verna L. Finder, 1244, Clerk-Stenographer III.....	N	4 290
6. Clara E. Ford, 7156, Clerk-Typist II.....	N	2 820
7. Eileen Place, 1247, Clerk-Typist III.....	N	3 210
8. Pauline V. Chapman, 6450, Placement Officer.....	N	7 200
9. Patricia A. Vandemore, 7449, Tabulating Machine Operator II	N	3 420
10. Imogene J. Reeves, 1245, Secretary (Transcribing).....	N	4 530
11. Beulah M. Dent, 1242, Administrative Secretary (Stenographic).....	N	7 500
<i>Total, Administration (College).....</i>		<u>\$48 270</u>

Station

Account Number 00-22-01-300

1. Lou E. Haines, 1249, Clerk-Typist II.....	N	\$ 3 210
2. David C. Hunter, 5218, Technical Draftsman-Illustrator II	N	7 700
3. Annabelle Compton, 1248, Secretary (Transcribing).....	N	5 280
4. Kathryn C. Jordan, 1246, Secretary (Transcribing).....	N	4 590
<i>Total, Administration (Station).....</i>		<u>\$20 780</u>

Aeronautical Engineering**College**

Account Number 00-22-05-100

1. Rita M. Freehill, 7207, Clerk-Typist II.....	N	\$ 2 880
2. _____, 1263, Clerk-Typist II.....	N	2 880
3. Raymond F. Brewer, 1261, Senior Laboratory Mechanic.....	N	5 850
4. Herbert E. Klage, 1260, Senior Laboratory Mechanic.....	N	5 940
5. Vincent P. Oakes, 1259, Senior Laboratory Mechanic.....	N	5 640
6. Thomas M. O'Connor, 1258, Senior Laboratory Mechanic.....	N	6 000
7. Paul R. Tabaka, 1257, Senior Laboratory Mechanic.....	N	6 060
8. Dorothy E. Nugent, 1262, Secretary (Transcribing).....	N	4 620
<i>Total, Aeronautical Engineering (College).....</i>		<u>\$39 870</u>

Ceramic Engineering**College**

Account Number 00-22-10-100

1. _____, 7126, Clerk-Typist II.....	N	\$ 2 700
2. George W. Conlee, 1264, Potter.....	N	6 150
3. Dorothy B. Woods, 1266, Secretary (Stenographic).....	N	5 370
4. James R. Walsh, 1267, Storekeeper.....	N	4 680
<i>Total, Ceramic Engineering (College).....</i>		<u>\$18 900</u>

Cooperative Investigations

U.S. AIR FORCE 3943

Account Number 46-22-10-305

1. John Scouffas, 7711, Junior Laboratory Attendant.....	ZN50	\$ 1 680
(Total Salary)		(3 360)
2. Sally Jo Moss, 7051, Clerk-Stenographer II.....	ZN50	1 500
(Total Salary)		(3 000)
<i>Total, U.S. Air Force 3943.....</i>		<u>\$ 3 180</u>

U.S. AIR FORCE 5734

Account Number 46-22-10-308

1. John Scouffas, 7711, Junior Laboratory Attendant.....	ZN50	\$ 1 680
2. Sally Jo Moss, 7051, Clerk-Stenographer II.....	ZN50	1 500
<i>Total, U.S. Air Force 5734.....</i>		<u>\$ 3 180</u>

U.S. AIR FORCE 5687

Account Number 46-22-10-309

1. William E. Schaede, 1269, Junior Laboratory Attendant...	ZN20	\$ 780
2. Betty L. Frederick, 1270, Clerk-Stenographer II.....	ZN20	660
<i>Total, U.S. Air Force 5687.....</i>		<u>\$ 1 440</u>

U.S. AIR FORCE 6192

Account Number 46-22-10-310

1. William E. Schaede, 1269, Junior Laboratory Attendant..	ZN30	\$ 1 170
2. Betty L. Frederick, 1270, Clerk-Stenographer II.....	ZN30	990
<i>Total, U.S. Air Force 6192.....</i>		<u>\$ 2 160</u>

U.S. AIR FORCE 6283

Account Number 46-22-10-311

1. William E. Schaede, 1269, Junior Laboratory Attendant...	ZN50	\$ 1 950
(Total Salary)		(3 900)
2. Betty L. Frederick, 1270, Clerk-Stenographer II.....	ZN50	1 650
(Total Salary)		(3 300)
<i>Total, U.S. Air Force 6283.....</i>		<u>\$ 3 600</u>

Station

Chemical Engineering

Account Number 00-22-15-300

1. Rachel A. Jarboe, 7426, Clerk-Stenographer II.....	ZN32	\$ 988
(Total Salary)		(2 133)
2. Marjorie L. Honn, 1271, Secretary (Stenographic).....	N	4 800
<i>Total, Chemical Engineering (Station).....</i>		<u>\$ 5 788</u>

Cooperative Investigations

U.S. ARMY ORDNANCE 1707

Account Number 46-22-15-305

1. Rachel A. Jarboe, 7426, Clerk-Stenographer II.....	ZN7	\$ 229
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U.S. ATOMIC ENERGY COMMISSION PROJECT 5

Account Number 46-22-15-308

1. Rachel A. Jarboe, 7426, Clerk-Stenographer II.....	ZN7	\$ 229
2. Walter W. Demlow, 1272, Senior Laboratory Mechanic...	N	6 105
<i>Total, U.S. Atomic Energy Commission Project 5.....</i>		<u>\$ 6 334</u>

U.S. ATOMIC ENERGY COMMISSION 276

Account Number 46-22-15-310

1. Rachel A. Jarboe, 7426, Clerk-Stenographer II.....	ZN7	\$ 229
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U.S. NATIONAL SCIENCE FOUNDATION G3303

Account Number 46-22-15-357

1. Rachel A. Jarboe, 7426, Clerk-Stenographer II.....	ZN7	\$ 229
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U.S. NATIONAL SCIENCE FOUNDATION G3495

Account Number 46-22-15-358

1. Rachel A. Jarboe, 7426, Clerk-Stenographer II.....	ZN7	\$ 229
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College

Civil Engineering

Account Number 00-22-20-100

1. Forrest J. McCartney, 1280, Equipment Attendant.....	N	\$ 4 410
2. Richard E. Shipley, 7122, Equipment Attendant.....	N	4 260
3. Jessie L. Creamer, 1300, Clerk-Stenographer III.....	ZN50	2 220
(Total Salary)		(4 440)
4. _____, Clerk-Stenographer III.....	N	3 600
5. Kathryn I. Baker, 1283, Clerk-Typist II.....	N	2 700
6. Parilee S. Miles, 6661, Clerk-Typist II.....	N	3 300

7. Beverly J. Frederick, 1282, Clerk-Typist III.....	N	4 200
8. Mary C. Vinson, 1285, Clerk-Typist III.....	N	3 720
9. Doyne H. Proudfit, 1278, Secretary (Stenographic).....	N	6 510
<i>Total, Civil Engineering (College).....</i>		<u>\$34 920</u>

Station

Account Number 00-22-20-300

1. Elza E. Rice, 1279, Senior Laboratory Attendant.....	N	\$ 5 010
2. Marie L. Johnson, 1301, Clerk-Stenographer III.....	ZN50	1 800
(Total Salary)		(3 600)
3. Verna L. Bales, 5124, Clerk-Typist II.....	N50	1 800
4. Hurshel R. Bryant, 1276, Instrument Maker.....	N	6 660
5. David F. Lange, 1274, Instrument Maker.....	N	6 840
6. Owen H. Ray, 1275, Instrument Maker.....	N	6 600
7. N. Miles Norton, 1277, Senior Laboratory Mechanic.....	N	5 880
8. Anna Rita Ferris, 1281, Secretary (Stenographic).....	ZN50	2 790
(Total Salary)		(5 580)
9. _____,	N50	2 400
<i>Total, Civil Engineering (Station).....</i>		<u>\$39 780</u>

Civil Engineering Testing Revolving

Account Number 12-22-20-384

1. Emmett E. Kirby, 5322, Senior Laboratory Mechanic.....	N	\$ 5 880
2. Delbert H. Laws, 5212, Senior Laboratory Mechanic.....	ZN50	2 940
(Total Salary)		(5 880)
<i>Total, Civil Engineering Testing Revolving.....</i>		<u>\$ 8 820</u>

Cooperative Investigations

CREOLE PETROLEUM — CASING STUDY

Account Number 44-22-20-315

1. Mary Lou Williamson, 6167, Clerk-Typist III.....	ZN50	\$ 1 860
(Total Salary)		(3 720)
2. Paul F. Douglas, 6105, Senior Laboratory Mechanic.....	ZN50	2 940
(Total Salary)		(5 880)
<i>Total, Creole Petroleum — Casing Study.....</i>		<u>\$ 4 800</u>

ENGINEERING FOUNDATION — FATIGUE DATA

Account Number 44-22-20-320

1. Marvin L. Risinger, 6928, Stores Clerk.....	ZN50	\$ 1 950
(Total Salary)		(3 900)
2. Walter F. Wilsky, 1289, Senior Laboratory Mechanic....	ZN50	2 940
(Total Salary)		(5 880)
<i>Total, Engineering Foundation — Fatigue Data.....</i>		<u>\$ 4 890</u>

ENGINEERING FOUNDATION — STRUCTURAL JOINTS

Account Number 44-22-20-322

1. Walter Monical, 1294, Junior Laboratory Mechanic.....	ZN50	\$ 2 655
(Total Salary)		(5 310)
2. Paul F. Douglas, 6105, Senior Laboratory Mechanic.....	ZN50	2 940
3. _____, 7390, Duplicating Machine Operator III....	N	3 300
<i>Total, Engineering Foundation — Structural Joints.....</i>		<u>\$ 8 895</u>

REINFORCED CONCRETE RESEARCH COUNCIL — FLOOR SLABS

Account Number 44-22-20-372

1. Wyck E. McKenzie, 1291, Junior Laboratory Mechanic...	ZN50	\$ 2 640
(Total Salary)		(5 280)
2. Walter Monical, 1294, Junior Laboratory Mechanic.....	ZN50	2 655
<i>Total, Reinforced Concrete Research Council — Floor Slabs.....</i>		<u>\$ 5 295</u>

U.S. AIR FORCE 544

Account Number 46-22-20-300

1. Marilyn K. Wilson, 7056, Clerk II.....	ZN50	\$ 1 500
(Total Salary)		(3 000)

2. Virginia L. Rhoades, 7408, Typing Clerk II.....	ZN50	I 440
(Total Salary)		(2 880)
3. _____, 7456, Assistant Laboratory Mechanic.....	N	3 960
4. _____, 6419, Computer Teletype Operator.....	N	2 820
5. Thomas J. Cruse, 7663, Duplicating Machine Operator II..	ZN50	I 710
(Total Salary)		(3 420)
Total, U.S. Air Force 544.....		\$11 430

U.S. AIR FORCE 31319

Account Number 46-22-20-308

1. Marie L. Johnson, 1301, Clerk-Stenographer III.....	ZN50	\$ I 800
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U.S. AIR FORCE 464

Account Number 46-22-20-309

1. Delbert E. McCulley, 1302, Research Program Administrative Assistant	ZN25	\$ 2 200
(Total Salary)		(8 800)
2. _____, 7321, Clerk III.....	ZN25	975
(Total Salary)		(1 950)
3. Mary Lou Williamson, 6167, Clerk-Typist III.....	ZN50	I 860
Total, U.S. Air Force 464.....		\$ 5 035

U.S. AIR FORCE 468

Account Number 46-22-20-311

1. Judith A. Tempel, 7638, Clerk-Typist II.....	ZN50	\$ I 560
(Total Salary)		(3 120)
2. Nancy J. Phillips, 7643, Clerk-Typist III.....	ZN50	I 560
(Total Salary)		(3 120)
3. Robert D. Metz, 1287, Senior Laboratory Mechanic.....	ZN50	2 940
(Total Salary)		(5 880)
4. Harold H. Dalrymple, 6618, Electronics Technician I....	ZN50	2 700
(Total Salary)		(5 400)
5. Wayne E. Jowasky, 5990, Electronics Technician I.....	N50	2 040
Total, U.S. Air Force 468.....		\$10 800

U.S. AIR FORCE 34763

Account Number 46-22-20-312

1. Virginia L. Rhoades, 7408, Typing Clerk II.....	ZN50	\$ I 440
2. Thomas J. Cruse, 7663, Duplicating Machine Operator II..	ZN50	I 710
3. Anna Rita Ferris, 1281, Secretary (Stenographic).....	ZN50	2 790
Total, U.S. Air Force 34763.....		\$ 5 940

U.S. AIR FORCE 1162

Account Number 46-22-20-313

1. Donna L. Flessner, 7531, Clerk-Stenographer II.....	N	\$ 3 300
2. Virginia L. Roots, 1288, Clerk-Typist III.....	ZN50	I 620
(Total Salary)		(3 240)
Total, U.S. Air Force 1162.....		\$ 4 920

U.S. BUREAU OF PUBLIC ROADS, DEPARTMENT OF COMMERCE —

FLEXURAL FATIGUE

Account Number 46-22-20-314

1. Marvin L. Risinger, 6928, Stores Clerk.....	ZN50	\$ I 950
2. Aurora Z. Bahou, 1284, Clerk-Typist II.....	ZN50	I 500
(Total Salary)		(3 000)
3. Everett Crawford, 1290, Junior Laboratory Mechanic....	N	5 040
Total, U.S. Bureau of Public Roads, Department of Commerce — Flexural Fatigue		\$ 8 490

U.S. AIR FORCE 1185

Account Number 46-22-20-315

1. Sherman D. Suter, 7206, Clerk-Stenographer II.....	N	\$ 3 300
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U.S. ARMY ENGINEERS 238

Account Number 46-22-20-325

1. Delbert E. McCulley, 1302, Research Program Administrative Assistant	ZN25	\$ 2 200
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2. Jo Anne Hansen, 7644, Clerk-Typist III.....	ZN50	1 500
(Total Salary)		(3 000)
<i>Total, U.S. Army Engineers 238.....</i>		<i>\$ 3 700</i>
U.S. ARMY ENGINEERS 240		
Account Number 46-22-20-326		
1. Nancy J. Phillips, 7643, Clerk-Typist III.....	ZN50	\$ 1 560
U.S. ACADEMY OF SCIENCE — AASHO ROAD TESTS		
Account Number 46-22-20-345		
1. Judith A. Tempel, 7638, Clerk-Typist II.....	ZN50	\$ 1 560
U.S. NATIONAL SCIENCE FOUNDATION G6572		
Account Number 46-22-20-352		
1. Aurora Z. Bahou, 1284, Clerk-Typist II.....	ZN50	\$ 1 500
U.S. N.O.B.S. 65790		
Account Number 46-22-20-360		
1. Jo Anne Hansen, 7644, Clerk-Typist III.....	ZN50	\$ 1 500
2. Delbert H. Laws, 5212, Senior Laboratory Mechanic.....	ZN50	2 940
<i>Total, U.S. N.O.B.S. 65790.....</i>		<i>\$ 4 440</i>
U.S. N.O.B.S. 77008		
Account Number 46-22-20-361		
1. Virginia L. Roots, 1288, Clerk-Typist III.....	ZN50	\$ 1 620
(Total Salary)		(4 320)
2. Harold H. Dalrymple, 6618, Electronics Technician I....	ZN50	2 700
<i>Total, U.S. N.O.B.S. 77008.....</i>		<i>\$ 4 320</i>
U.S. N.O.B.S. 77137		
Account Number 46-22-20-362		
1. Delbert E. McCulley, 1302, Research Program Admin- istrative Assistant	ZN25	\$ 2 200
2. Glenn E. Rymer, 1299, Senior Laboratory Mechanic.....	N	5 940
<i>Total, U.S. N.O.B.S. 77137.....</i>		<i>\$ 8 140</i>
U.S. OFFICE OF NAVAL RESEARCH 1834 03		
Account Number 46-22-20-369		
1. ———, 7321, Clerk III.....	ZN25	\$ 975
2. Jessie L. Creamer, 1300, Clerk-Stenographer III.....	ZN50	2 220
<i>Total, U.S. Office of Naval Research 1834 03.....</i>		<i>\$ 3 195</i>
STATE OF ILLINOIS DIVISION OF HIGHWAYS — BRIDGE IMPACT		
Account Number 47-22-20-307		
1. Marilyn K. Wilson, 7056, Clerk II.....	ZN50	\$ 1 500
2. Robert D. Metz, 1287, Senior Laboratory Mechanic.....	ZN50	2 940
<i>Total, State of Illinois Division of Highways — Bridge Impact.....</i>		<i>\$ 4 440</i>
STATE OF ILLINOIS DIVISION OF HIGHWAYS — HIGHWAY MEDIANS		
Account Number 47-22-20-336		
1. Dorothy J. Burright, 6796, Clerk-Typist II.....	ZN50	\$ 1 560
(Total Salary)		(3 120)
STATE OF ILLINOIS DIVISION OF HIGHWAYS — HIGHWAY PROBLEMS		
Account Number 47-22-20-338		
1. Joanne W. Jones, 5686, Clerk-Stenographer II.....	N	\$ 3 300
STATE OF ILLINOIS DIVISION OF HIGHWAYS — PRESTRESSED BRIDGES		
Account Number 47-22-20-367		
1. Delbert E. McCulley, 1302, Research Program Admin- istrative Assistant	ZN25	\$ 2 200
2. Wyck E. McKenzie, 1291, Junior Laboratory Mechanic...	ZN50	2 640
3. Walter F. Wilsky, 1289, Senior Laboratory Mechanic....	ZN50	2 940
<i>Total, State of Illinois Division of Highways — Pre- stressed Bridges</i>		<i>\$ 7 780</i>

STATE OF ILLINOIS DIVISION OF HIGHWAYS — RIVETED BOLTED JOINT

Account Number 47-22-20-374

1. Louis J. Mesker, 1293, Senior Laboratory Mechanic..... N \$ 5 940

STATE OF ILLINOIS DIVISION OF HIGHWAYS — SOIL AGGREGATE

Account Number 47-22-20-379

1. Dorothy J. Burright, 6796, Clerk-Typist II..... ZN50 \$ 1 560

STATE OF ILLINOIS DIVISION OF HIGHWAYS — SOIL MAPPING

Account Number 47-22-20-382

1. Mary A. Bateman, 1296, Clerk-Stenographer II..... N \$ 3 360

STATE OF ILLINOIS DIVISION OF HIGHWAYS — VEHICULAR SPEED REGULATION

Account Number 47-22-20-386

1. Dorlis J. Kirchner, 7320, Clerk-Stenographer II..... ZN85 \$ 3 264
(Total Salary) (3 840)

Coordinated Science Laboratory

Account Number 46-22-22-308

1. Nancy L. Klein, 5475, Cost Accountant I.....	N	\$ 3 900
2. _____, 7046, Electronics Engineering Assistant.....	N	6 300
3. Earl E. Rumbaugh, 1423, Research Program Administrative Assistant	N	8 500
4. _____, 7045, Research Project Assistant.....	N	6 300
5. Robert E. Potter, 7761, Accounting Clerk I.....	N	3 600
6. Clayborn M. Lofton, 5233, Stores Clerk.....	N	4 200
7. _____, 1430, Typing Clerk II.....	N	2 400
8. _____, 5572, Clerk-Stenographer II.....	N	2 730
9. Joan M. Hanna, 1426, Clerk-Stenographer III.....	N	3 000
10. Mary A. Karamitsos, 4976, Clerk-Stenographer III.....	N	3 300
11. _____, 5485, Clerk-Stenographer III.....	N	3 000
12. Jayne L. Miller, 5501, Clerk-Typist II.....	N	2 940
13. Alma G. Peacock, 5280, Clerk-Typist II.....	N	3 480
14. Julia K. Berger, 5453, Clerk-Typist III.....	N	3 900
15. Ruth M. Hardy, 5993, Clerk-Typist III.....	N	3 540
16. Judith A. Kirk, 1425, Clerk-Typist III.....	N	3 000
17. _____, 3138, Clerk-Typist III.....	N	3 180
18. _____, 5960, Clerk-Typist III.....	N	2 700
19. Robert F. MacFarlane, 5392, Engineering Draftsman I....	N	5 820
20. _____, 5305, Engineering Draftsman I.....	N	5 340
21. Merrill B. Watson, 7734, Glass Blower I.....	N	5 400
22. Kenneth E. Merritt, 1434, Instrument Maker.....	N	6 120
23. Robert L. Zackery, 1440, Instrument Maker.....	N	6 240
24. John J. Desmond, 5428, Departmental Business Manager..	N	11 500
25. William E. Beaulin, 7467, Senior Laboratory Mechanic....	N	5 640
26. Neil T. Powers, 5462, Senior Laboratory Mechanic.....	N	5 640
27. Harley M. Tenbrook, 1439, Senior Laboratory Mechanic..	N	5 880
28. _____, 1435, Senior Laboratory Mechanic.....	N	5 640
29. Ernest H. Neff, 6646, Control Systems Operator.....	N	7 500
30. _____, 5465, Duplicating Machine Operator III....	N	3 300
31. Carlyle W. Morris, 5272, Photographer II.....	N	5 640
32. _____, 5493, Photographer II.....	N	5 520
33. _____, 5573, Secretary (Stenographic).....	N	5 100
34. Rose L. Junghanel, 1441, Secretary (Transcribing).....	N	4 080
35. Charles E. Drews, 1428, Storekeeper.....	N	4 770
36. Herman Jordan, 6586, Electronics Technician I.....	N	4 980
37. Nicholas Vassos, 6012, Electronics Technician I.....	N	4 800
38. Estil N. Carter, 5306, Electronics Technician II.....	N	6 240
39. Dale E. Coad, 1436, Electronics Technician II.....	N	5 940
40. Donald R. Deschene, 5994, Electronics Technician II....	N	5 700
41. Steve M. Dyskiewicz, 1433, Electronics Technician II....	N	5 640
42. Oral E. Gardner, 4917, Electronics Technician II.....	N	5 580
43. Leonard E. Hedges, 6584, Electronics Technician II.....	N	6 180
44. Fred O. Holy, 6334, Electronics Technician II.....	N	5 820
45. James H. Knoke, 5901, Electronics Technician II.....	N	6 240

46. William I. Lawrence, 5508, Electronics Technician II....	N	5 220
47. Charles H. Odle, 5455, Electronics Technician II.....	N	5 760
48. Thomas W. Popeney, 4896, Electronics Technician II....	N	5 220
49. Wayne L. Schmidt, 5900, Electronics Technician II.....	N	4 980
50. Leo W. Streff, 1432, Electronics Technician II.....	N	6 300
51. ———, 1431, Electronics Technician II.....	N	6 660
52. ———, 4920, Electronics Technician II.....	N	5 280
53. ———, 1437, Electronics Technician II.....	H	5 400
<i>Total, Coordinated Science Laboratory.....</i>		<u>\$271 040</u>

Electrical Engineering

College

Account Number 00-22-25-100

1. John F. Bauerle, 1309, Biophysical Research Laboratory Assistant.....	N	\$ 6 360
2. John C. Humphrey, 1320, Junior Laboratory Attendant....	N	4 080
3. Martin P. Pembroke, 7354, Stores Clerk.....	N	3 900
4. Myron E. Wright, 6470, Stores Clerk.....	N	3 480
5. Linda M. Howe, 1327, Clerk-Stenographer I.....	N	2 730
6. Norma S. Olson, 1325, Clerk-Stenographer I.....	N	3 120
7. Ruth E. Pembroke, 1322, Clerk-Stenographer I.....	N	3 060
8. Hazel M. Crawford, 1323, Clerk-Stenographer III.....	N	4 470
9. Melba E. Bundy, 1326, Clerk-Typist II.....	N	2 790
10. Carol M. Knosher, 1324, Clerk-Typist II.....	N75	2 205
11. ———, 1324, Clerk-Typist II.....	N25	675
12. G. H. Powers, 1307, Instrument Maker.....	N	6 840
13. Jerold R. Bryant, 1317, Assistant Laboratory Mechanic...	N50	1 980
14. ———, 5152, Assistant Laboratory Mechanic.....	N50	1 860
15. Louie E. Foley, 1316, Junior Laboratory Mechanic.....	N	5 100
16. James Pulliam, Jr., 1313, Senior Laboratory Mechanic....	N	5 910
17. Richard E. Smith, 1337, Senior Laboratory Mechanic....	N	5 910
18. Marcia H. Peterman, 1321, Office Supervisor.....	N	7 100
19. W. E. Kruse, 1315, Electronics Technician II.....	N	6 150
20. Donald J. Mucha, 7189, Electronics Technician II.....	N75	4 170
21. Charles G. Preston, 1318, Instrument and Measurement Technician I	N	5 310
<i>Total, Electrical Engineering (College).....</i>		<u>\$87 200</u>

Station

Account Number 00-22-25-300

1. W. Irene Gault, 1347, Clerk III.....	N	\$ 3 750
2. Lloyd C. Schneidt, 1339, Stores Clerk.....	ZN50	1 860
(Total Salary)		(3 720)
3. Theda A. Sullivan, 1343, Clerk-Stenographer I.....	N	2 640
4. Martha A. Taylor, 1348, Clerk-Stenographer II.....	N	3 120
5. Susan R. Kaufman, 7130, Clerk-Typist II.....	ZN50	1 290
(Total Salary)		(2 580)
6. Dorothe N. Moore, 7131, Clerk-Typist II.....	N	2 610
7. David A. Shipman, 3145, Engineering Draftsman I.....	N	4 800
8. Byron L. Marshall, 1306, Instrument Maker.....	N	6 840
9. Harold B. Lawler, 1305, Laboratory Manager.....	N	9 000
10. Irvn R. Franklin, 1310, Senior Laboratory Mechanic....	N	5 880
11. Thomas A. Newkirk, 1308, Electronics Technician II....	N	5 940
<i>Total, Electrical Engineering (Station).....</i>		<u>\$47 730</u>

Stores — Electrical Engineering Replacement Overhead

Account Number 08-22-25-973

1. Lloyd C. Schneidt, 1339, Stores Clerk.....	ZN50	\$ 1 860
2. Patricia A. Beabout, 1344, Typing Clerk II.....	N	2 400
<i>Total, Stores — Electrical Engineering Replacement Overhead.....</i>		<u>\$ 4 260</u>

Indirect Costs—Electrical Engineering

Account Number 40-22-25-300

1. Susan R. Kaufman, 7130, Clerk-Typist II.....	ZN50	\$ 1 290
<i>Total, Indirect Costs—Electrical Engineering.....</i>		<u>\$ 1 290</u>

Cooperative Investigations

STATE UNIVERSITY OF IOWA—PARKINSON HYPERKINETIC DISORDERS

Account Number 44-22-25-342

1. Robert F. Noyes, 7538, Biophysical Research Laboratory Assistant.....	ZN13	\$ 970
(Total Salary)		(7 400)
2. Wesley P. Bauerle, 7657, Electronics Engineering Assistant N		<u>6 500</u>
<i>Total, State University of Iowa—Parkinson Hyperkinetic Disorders</i>		<u>\$ 7 470</u>

STATE UNIVERSITY OF IOWA—HYPERKINETIC MOVEMENT

Account Number 44-22-25-378

1. Wilma J. Deem, 7762, Biophysical Research Nurse.....	N	\$ 4 500
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U.S. AIR FORCE 62

Account Number 46-22-25-301

1. Lewis H. Claybaugh, 1311, Senior Laboratory Mechanic..	ZN25	\$ 1 477
(Total Salary)		(5 910)
2. Kenneth W. Bartlett, 5238, Electronics Technician II....	ZN20	1 026
(Total Salary)		(5 130)
<i>Total, U.S. Air Force 62.....</i>		<u>\$ 2 503</u>

U.S. AIR FORCE 63

Account Number 46-22-25-303

1. Sheila C. Keehner, 7713, Clerk-Stenographer II.....	ZN25	\$ 750
(Total Salary)		(3 000)

U.S. AIR FORCE 417

Account Number 46-22-25-305

1. Pieter Knorr, 7427, Glass Blower II.....	ZN25	\$ 1 925
(Total Salary)		(7 700)
2. Edward D. Boose, 1314, Senior Laboratory Mechanic....	ZN25	1 410
(Total Salary)		(5 640)
<i>Total, U.S. Air Force 417.....</i>		<u>\$ 3 335</u>

U.S. AIR FORCE 2152

Account Number 46-22-25-309

1. A. B. Wilson, 1338, Electronics Engineering Assistant...	ZN67	\$ 4 666
(Total Salary)		(7 000)
2. Richard F. Ripper, 1342, Chief Clerk.....	ZN25	1 500
(Total Salary)		(6 000)
3. Laura E. Rhodes, 7720, Clerk-Typist II.....	N50	1 440
4. Diane S. Swanson, 7766, Clerk-Typist II.....	ZN25	765
(Total Salary)		(1 530)
5. Leroy L. Dreyer, 7705, Electronics Engineer.....	N	7 900
6. Robert A. Kawcyn, 7764, Electronics Engineer.....	N	7 600
7. Pieter Knorr, 7427, Glass Blower II.....	ZN50	3 850
8. Carl M. Boley, 1328, Instrument Maker.....	ZN67	4 560
(Total Salary)		(6 840)
9. Arthur E. Monson, Senior Laboratory Mechanic.....	ZN50	2 820
(Total Salary)		(5 640)
10. John F. Penn, 5903, Electronics Technician II.....	ZN50	2 660
(Total Salary)		(3 990)
<i>Total, U.S. Air Force 2152.....</i>		<u>\$37 761</u>

U.S. AIR FORCE 6079

Account Number 46-22-25-314

1. Edward D. Boose, 1314, Senior Laboratory Mechanic....	ZN75	\$ 4 230
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2. D. D. Pritchard, 1340, Storekeeper.....	ZN50	2 445
(Total Salary)		(4 890)
3. _____, 6731, Antenna Technician.....	N75	5 025
<i>Total, U.S. Air Force 6079.....</i>		<i>\$11 700</i>
U.S. AIR FORCE 3481		
Account Number 46-22-25-315		
1. Carl M. Boley, 1328, Instrument Maker.....	ZN33	\$ 2 280
2. John F. Penn, 5903, Electronics Technician II.....	ZN25	1 330
<i>Total, U.S. Air Force 3481.....</i>		<i>\$ 3 610</i>
U.S. AIR FORCE 556		
Account Number 46-22-25-316		
1. Arthur E. Monson, 1309, Senior Laboratory Mechanic..	ZN25	\$ 1 410
U.S. AIR FORCE 6428		
Account Number 46-22-25-319		
1. Andras Gal, 7719, Draftsman.....	ZN50	\$ 1 800
(Total Salary)		(3 600)
U.S. ARMY ORDNANCE 1983		
Account Number 46-22-25-322		
1. Marjorie A. Johnson, 7038, Assistant to Editor.....	ZN25	\$ 1 462
(Total Salary)		(5 850)
2. Sheila C. Keehner, 7713, Clerk-Stenographer II.....	ZN25	750
<i>Total, U.S. Army Ordnance 1983.....</i>		<i>\$ 2 212</i>
U.S. ARMY SIGNAL CORPS 73163		
Account Number 46-22-25-330		
1. Marjorie A. Johnson, 7038, Assistant to Editor.....	ZN50	\$ 2 925
2. Lyle L. Hawkey, 7522, Electronics Technician I.....	N	3 900
<i>Total, U.S. Army Signal Corps 73163.....</i>		<i>\$ 6 825</i>
U.S. ARMY SIGNAL CORPS 78313		
Account Number 46-22-25-333		
1. Diane S. Swanson, 7766, Clerk-Typist II.....	ZN25	\$ 765
U.S. ATOMIC ENERGY COMMISSION 392		
Account Number 46-22-25-334		
1. A. B. Wilson, 1338, Electronics Engineering Assistant....	ZN33	\$ 2 334
2. _____, 7374, Electronics Engineering Assistant....	N	5 250
3. Richard F. Ripper, 1342, Chief Clerk.....	ZN25	1 500
4. Patricia L. Shafer, 7350, Clerk-Typist II.....	N50	1 440
5. J. F. Lowe, 1336, Instrument Maker.....	N	6 840
6. Lewis H. Claybaugh, 1311, Senior Laboratory Mechanic..	ZN75	4 433
7. D. D. Pritchard, 1340, Storekeeper.....	ZN25	1 222
8. Kenneth W. Bartlett, 5238, Electronics Technician II....	ZN80	4 104
<i>Total, U.S. Atomic Energy Commission 392.....</i>		<i>\$27 123</i>
U.S. NATIONAL SCIENCE FOUNDATION G 4849		
Account Number 46-22-25-350		
1. Leonard D. White, 5262, Animal Caretaker.....	ZN50	\$ 2 310
(Total Salary)		(4 620)
2. Clarence A. Eason, 7023, Electronics Technician I.....	N	4 350
<i>Total, U.S. National Science Foundation G 4849.....</i>		<i>\$ 6 660</i>
U.S. NATIONAL SCIENCE FOUNDATION Y32 40266		
Account Number 46-22-25-352		
1. Sheila C. Keehner, 7713, Clerk-Stenographer II.....	ZN50	\$ 1 500
2. James G. Card, Electronics Engineer.....	N	7 200
3. James E. Bowers, Electronics Technician II.....	N	5 880
<i>Total, U.S. National Science Foundation Y32 40266....</i>		<i>\$14 580</i>
U.S. N.O.B.S. 64723		
Account Number 46-22-25-357		
1. Marjorie A. Johnson, 7038, Assistant to Editor.....	ZN25	\$ 1 463
2. Richard F. Ripper, 1342, Chief Clerk.....	ZN23	1 380

3. Walter W. Wood, 6730, Antenna Systems Engineer.....	N	9 000
4. Arthur E. Monson, 1309, Senior Laboratory Mechanic....	ZN25	1 410
5. Theodore O. Gibson, 6574, Electronics Technician II....	N	5 550
6. Frank Luksander, 6927, Electronics Technician I.....	N	5 010
<i>Total, U.S. N.O.B.S. 64723.....</i>		<u>\$23 813</u>
U.S. OFFICE OF NAVAL RESEARCH 1834 02		
Account Number 46-22-25-378		
1. Sandra K. Sullivan, Typing Clerk I.....	ZN50	\$ 1 110
(Total Salary)		(2 220)
2. D. D. Pritchard, 1340, Storekeeper.....	ZN25	1 223
<i>Total, U.S. Office of Naval Research 1834 02.....</i>		<u>\$ 2 333</u>
U.S. OFFICE OF NAVAL RESEARCH 1834 17		
Account Number 46-22-25-380		
1. Pieter Knorr, 7427, Glass Blower II.....	ZN25	\$ 1 925
U.S. OFFICE OF NAVAL RESEARCH 1834 20		
Account Number 46-22-25-381		
1. Dale E. Ward, 6320, Senior Laboratory Attendant.....	N	\$ 4 800
2. Faye J. Keener, 7159, Clerk-Stenographer III.....	ZN50	2 115
(Total Salary)		(4 230)
<i>Total, U.S. Office of Naval Research 1834 20.....</i>		<u>\$ 6 915</u>
U.S. OFFICE OF NAVAL RESEARCH 1834 29		
Account Number 46-22-25-383		
1. Sandra K. Sullivan, Typing Clerk I.....	ZN50	\$ 1 110
U.S. PUBLIC HEALTH SERVICE B 1017		
Account Number 46-22-25-388		
1. Leonard D. White, 5262, Animal Caretaker.....	ZN50	\$ 2 310
U.S. PUBLIC HEALTH SERVICE B 1567		
Account Number 46-22-25-390		
1. Faye J. Keener, 7159, Clerk-Stenographer III.....	ZN50	\$ 2 115
U.S. PUBLIC HEALTH SERVICE C4044		
Account Number 46-22-25-391		
1. Andras Gal, 7719, Draftsman.....	ZN50	\$ 1 800
Ultrasound in Biology		
Account Number 00-22-26-300		
1. Robert F. Noyes, 7538, Biophysical Research Laboratory Assistant.....	ZN87	\$ 6 430
General Engineering		
College		
Account Number 00-22-30-100		
1. Phyllis L. Genzel, 6794, Clerk-Typist II.....	N	\$ 2 760
2. Maxine A. Mason, 1349, Secretary (Stenographic).....	N	4 500
<i>Total, General Engineering (College).....</i>		<u>\$ 7 260</u>
Measurement Program		
Account Number 00-22-35-300		
1. Betty L. Hull, 1256, Clerk-Stenographer III.....	N	\$ 4 260
2. Billy B. McNeill, 6122, Instrument and Measurement Technician I	N	4 740
3. Edgar A. Blair, 1312, Instrument and Measurement Technician II	N	6 720
4. Francis E. Dilley, 5543, Instrument and Measurement Technician II	N	6 540
5. Glen H. Lafenhagen, 1253, Instrument and Measurement Technician II	N	6 450
6. Chester M. Richman, 1254, Instrument and Measurement Technician II	N	6 540
<i>Total, Measurement Program.....</i>		<u>\$35 250</u>

Instrument Service

Account Number 09-22-35-942

1. Glenn R. Keown, 7378, Operations Clerk.....	N	\$ 4 380
2. _____, 7040, Operations Clerk.....	N	3 900
3. Corinne E. Ochwat, 6362, Clerk-Typist II.....	N50	1 800
4. Richard L. Cunningham, 6926, Instrument and Measurement Technician I.....	N	4 500
5. Oskar F. Richter, 5913, Instrument and Measurement Technician I	N	4 380
<i>Total, Instrument Service.....</i>		<u>\$18 960</u>

Mechanical Engineering**College**

Account Number 00-22-40-100

1. Harold F. Schultz, 7362, Equipment Attendant.....	N	\$ 4 020
2. Marilyn M. Kottke, 1366, Clerk-Typist II.....	N	2 640
3. Mildred R. Potts, 1365, Clerk-Typist III.....	N	3 810
4. Warren R. Gordon, 1359, Junior Laboratory Mechanic....	N	5 280
5. H. W. Hempler, 1361, Junior Laboratory Mechanic.....	N	5 280
6. G. F. Miller, 1360, Junior Laboratory Mechanic.....	N	5 280
7. _____, Junior Laboratory Mechanic.....	N	5 000
8. Thomas R. Heald, 1356, Senior Laboratory Mechanic....	N	5 910
9. M. W. Hoag, 1351, Senior Laboratory Mechanic.....	N	6 120
10. Burl A. Manuel, 1355, Senior Laboratory Mechanic.....	N	5 880
11. William D. Morfev, 7486, Senior Laboratory Mechanic... N		5 400
12. W. H. Smith, 1352, Senior Laboratory Mechanic.....	N	6 120
13. Norman G. Donze, 1353, Junior Foundry Molder.....	N	5 580
14. Opal F. Lumsden, 1357, Secretary (Transcribing).....	N	4 260
15. M. F. Sadorus, 1362, Storekeeper.....	N	4 770
<i>Total, Mechanical Engineering (College).....</i>		<u>\$75 350</u>

Station

Account Number 00-22-40-300

1. Helen McDonnell, 1364, Clerk-Typist III.....	ZN60	\$ 2 196
(Total Salary)		(3 660)
2. Margaret E. Walden, 1363, Clerk-Typist III.....	N	3 300
3. George J. Oehmke, 1350, Instrument Maker.....	N50	3 360
4. Allen F. Stephens, 6787, Junior Laboratory Mechanic....	N	5 100
5. Lawrence W. Hirschler, 5269, Senior Laboratory Mechanic N		5 880
<i>Total, Mechanical Engineering (Station).....</i>		<u>\$19 836</u>

Cooperative Investigations

INSTITUTE OF BOILER AND RADIATOR MANUFACTURERS — STEAM AND WATER HEAT

Account Number 44-22-40-342

1. Catherine A. Decker, 1367, Clerk-Stenographer II.....	ZN50	\$ 1 440
(Total Salary)		(2 880)
2. William J. Graham, Jr., 7748, Assistant Laboratory Mechanic.....	N	3 840
<i>Total, Institute of Boiler and Radiator Manufacturers — Steam and Water Heat.....</i>		<u>\$ 5 280</u>

NATIONAL WARM AIR HEATING — FURNACES

Account Number 44-22-40-356

1. Catherine A. Decker, 1367, Clerk-Stenographer II.....	ZN50	\$ 1 440
2. Martin Steidner, 1369, Junior Laboratory Mechanic.....	N	5 280
<i>Total, National Warm Air Heating — Furnaces.....</i>		<u>\$ 6 720</u>

Mining and Metallurgical Engineering**College**

Account Number 00-22-50-100

1. Clifford D. Howell, 1374, Senior Laboratory Mechanic....	N	\$ 5 760
2. H. W. Kruse, 1372, Senior Laboratory Mechanic.....	N	6 120
3. Hazel Allen, 1371, Secretary (Stenographic).....	N	5 400
<i>Total, Mining and Metallurgical Engineering (College)..</i>		<u>\$17 280</u>

Station

Account Number 00-22-50-300

1. Sandra L. Easton, 6535, Clerk-Typist II.....	ZN50	\$ 1 560
(Total Salary)		(3 120)
2. Emma L. Hiller, 1376, Clerk-Typist III.....	ZN50	1 560
(Total Salary)		(3 120)
3. Robert D. McNely, 1375, Junior Laboratory Mechanic....	N	5 430
4. Frank R. O'Connor, 1373, Senior Laboratory Mechanic...	N	5 910
<i>Total, Mining and Metallurgical Engineering (Station)...</i>		<u>\$14 460</u>

Cooperative Investigations

U.S. AIR FORCE 106

Account Number 46-22-50-306

1. Sandra L. Easton, 6535, Clerk-Typist II.....	ZN25	\$ 780
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U.S. AIR FORCE 420

Account Number 46-22-50-309

1. Sandra L. Easton, 6535, Clerk-Typist II.....	ZN25	\$ 780
2. Emma L. Hiller, 1376, Clerk-Typist III.....	ZN15	468
3. Charles W. DeVore, 6705, Senior Laboratory Mechanic...	ZN25	1 410
(Total Salary)		(5 640)
<i>Total, U.S. Air Force 420.....</i>		<u>\$ 2 658</u>

U.S. AIR FORCE 3789

Account Number 46-22-50-311

1. Margie L. Keele, 5003, Clerk-Typist III.....	ZN16	\$ 600
(Total Salary).....		(1 800)

U.S. ARMY ORDNANCE 1175

Account Number 46-22-50-314

1. Margie L. Keele, 5003, Clerk-Typist III.....	ZN17	\$ 600
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U.S. ATOMIC ENERGY COMMISSION PROJECT 9

Account Number 46-22-50-320

1. Margie L. Keele, 5003, Clerk-Typist III.....	ZN17	\$ 600
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U.S. ATOMIC ENERGY COMMISSION PROJECT 15

Account Number 46-22-50-322

1. Emma L. Hiller, 1376, Clerk-Typist III.....	ZN35	\$ 1 092
2. Charles W. DeVore, 6705, Senior Laboratory Mechanic...	ZN25	1 410
<i>Total, Atomic Energy Commission Project 15.....</i>		<u>\$ 2 502</u>

Nuclear Engineering

Account Number 00-22-53-100

1. Harry N. Newman, 7701, Junior Laboratory Mechanic...	N	\$ 4 800
<i>Total, Nuclear Engineering.....</i>		<u>\$ 4 800</u>

Physics**College**

Account Number 00-22-55-100

1. Carlos A. Perceny, 7451, Physical Research Laboratory Assistant.....	ZN25	\$ 1 755
(Total Salary)		(7 020)
2. Frank E. L. Witt, 1442, Physical Research Laboratory Assistant.....	N	8 640
3. Robert E. Marlatt, 1385, Senior Laboratory Attendant....	N	4 740
4. Delos C. Oliver, 1386, Senior Laboratory Attendant.....	N	4 770
5. Doris A. Davis, 1391, Clerk III.....	N	3 300
6. Lolita C. Paden, 1393, Clerk III.....	N	3 930
7. Harry C. Gersbaugh, 1387, Chief Clerk.....	N	5 040
8. _____, 7666, Stores Clerk.....	N	3 780
9. E. Ann Wells, 1390, Clerk-Stenographer III.....	ZN50	1 710
(Total Salary)		(3 420)
10. Barbara D. Kaufman, 1392, Clerk-Typist III.....	N	4 080
11. Eva L. Kinstle, 1394, Clerk-Typist III.....	N	3 270

12. Patricia A. Reps, 1395, Clerk-Typist III.....	N	3 270
13. Creed A. Wills, 6665, Engineering Draftsman I.....	ZN50	2 370
(Total Salary)		(4 740)
14. Ralph F. Flora, 1377, Departmental Business Manager....	N	11 000
15. George P. Clark, 1382, Senior Laboratory Mechanic.....	ZN50	3 060
(Total Salary)		(6 120)
16. Ervie T. Ditzler, 1398, Senior Laboratory Mechanic.....	ZN50	2 970
(Total Salary)		(5 940)
17. Harold G. Stoner, 1383, Senior Laboratory Mechanic.....	ZN50	2 970
(Total Salary)		(5 940)
18. Charles Van Holland, 1378, Senior Laboratory Mechanic	ZN50	3 120
(Total Salary)		(6 240)
19. Patrick K. Watson, 1384, Senior Laboratory Mechanic....	ZN50	2 820
(Total Salary)		(5 640)
20. ———, 1381, Senior Laboratory Mechanic.....	N50	2 700
21. Bess G. Matteson, 1388, Secretary (Stenographic).....	N	5 010
22. Dorothy A. Trotter, 7263, Secretary (Stenographic).....	N	4 590
23. Edward J. Early, 1389, Storekeeper.....	N	3 960
<i>Total, Physics (College).....</i>		<u>\$93 455</u>

Stores — Physics Overhead

Account Number 08-22-55-965

1. Robert L. Russell, 1389, Storekeeper.....	N75	\$ 3 465
2. Morris K. Coad, 7212, Stores Clerk.....	N	3 600
<i>Total, Stores — Physics Overhead.....</i>		<u>\$ 7 065</u>

Liquid Helium Service

Account Number 09-22-55-946

1. Thomas S. Brooks, 6466, Senior Laboratory Mechanic....	ZN50	\$ 2 940
(Total Salary)		(5 880)
2. Donald C. Swanson, 1397, Senior Laboratory Mechanic....	ZN50	2 940
(Total Salary)		(5 880)
<i>Total, Liquid Helium Service.....</i>		<u>\$ 5 880</u>

Indirect Costs — Physics

Account Number 40-22-55-300

1. Walter A. Hromadnik, 7480, Senior Laboratory Attendant	N	\$ 4 260
2. ———, Clerk-Stenographer III.....	N	3 240
3. Della R. McCown, 1388, Secretary (Stenographic).....	N	5 700
<i>Total, Indirect Costs — Physics.....</i>		<u>\$13 200</u>

Cooperative Investigations

A. P. SLOAN FOUNDATION, INC. — SOLID STATE — MAPOTHER

Account Number 44-22-55-377

1. Carlos A. Perceny, 7451, Physical Research Laboratory Assistant.....	ZN25	\$ 1 755
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A. P. SLOAN FOUNDATION, INC. — MAGNETIC RESEARCH — SLICHTER

Account Number 44-22-55-378

1. Carlos A. Perceny, 7451, Physical Research Laboratory Assistant.....	ZN25	\$ 1 755
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U.S. AIR FORCE 49

Account Number 46-22-55-301

1. Harold G. Stoner, 1383, Senior Laboratory Mechanic.....	ZN50	\$ 2 970
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U.S. AIR FORCE 662

Account Number 46-22-55-302

1. Donald C. Swanson, 1397, Senior Laboratory Mechanic....	ZN50	\$ 2 940
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U.S. AIR FORCE 579

Account Number 46-22-55-306

1. Alvin W. Crowley, 7814, Instrument Maker.....	ZN50	\$ 3 060
(Total Salary)		(6 120)

U.S. ARMY ORDNANCE 992

Account Number 46-22-55-310

1. Thomas S. Brooks, 6466, Senior Laboratory Mechanic.... ZN50 \$ 2 940

U.S. ATOMIC ENERGY COMMISSION PROJECT 3

Account Number 46-22-55-320

1. Creed A. Wills, 6665, Engineering Draftsman I..... ZN50 \$ 2 370

U.S. ATOMIC ENERGY COMMISSION PROJECT 22

Account Number 46-22-55-321

1. Alvin W. Crowley, 7814, Instrument Maker..... ZN50 \$ 3 060

U.S. ATOMIC ENERGY COMMISSION 182

Account Number 46-22-55-322

1. E. Ann Wells, 1390, Clerk-Stenographer III..... ZN50 \$ 1 710
 2. Eli J. Treasure, 5674, Accelerator Engineer I..... N 5 880
 3. Franklin Kibler, 1400, Instrument Maker..... ZN50 3 075
 (Total Salary) (6 150)
 4. Charles W. DeVore, 6705, Senior Laboratory Mechanic... ZN50 2 820
 (Total Salary) (5 640)
 5. Ervie T. Ditzler, 1398, Senior Laboratory Mechanic..... ZN50 2 970
 6. Charles Van Holland, 1378, Senior Laboratory Mechanic.. ZN50 3 120
 Total, U.S. Atomic Energy Commission 182..... \$19 575

U.S. OFFICE OF NAVAL RESEARCH 1834 05

Account Number 46-22-55-361

1. Carlos A. Perceny, 7451, Physical Research Laboratory Assistant..... ZN25 \$ 1 755
 2. Joanne J. Blum, 6163, Assistant Laboratory Attendant... N 3 000
 3. Carl N. Freddy, 1409, Assistant Laboratory Attendant... N50 1 560
 4. David C. Garrison, 5673, Assistant Laboratory Attendant.. N 3 120
 5. Arthur W. Peters, 1416, Assistant Laboratory Attendant.. ZN50 2 010
 (Total Salary) (4 815)
 6. Philip R. Francis, 1453, Chief Clerk..... N 5 670
 7. Doris A. Miller, 7753, Clerk-Typist II..... N 2 760
 8. Barbara J. Fiorillo, 7407, Clerk-Typist III..... N 2 940
 9. _____, 1412, Technical Computer..... N 3 600
 10. Ronald C. Walling, 1406, Engineering Draftsman I..... N 5 160
 11. Arthur W. Peters, 1417, Driver..... ZP50 2 805
 12. Raymond R. Olson, 6426, Accelerator Engineer I..... N 6 420
 13. Robert P. Wardin, 1418, Accelerator Engineer I..... N75 4 950
 14. _____, 5674, Accelerator Engineer I..... N50 2 820
 15. _____, 5604, Accelerator Engineer I..... N 5 940
 16. _____, 1420, Accelerator Engineer I..... N50 2 460
 17. _____, 1414, Accelerator Engineer I..... N 5 700
 18. Loren E. Ernest, 1443, Accelerator Engineer II..... N 7 100
 19. Frederick A. Roberts, 6504, Accelerator Engineer II... N 7 500
 20. Clarence L. Rogers, 6921, Accelerator Engineer II..... N 8 160
 21. Thomas A. King, Jr., 1446, Chief Accelerator Engineer... ZN25 2 625
 (Total Salary) (10 500)
 22. _____, 1413, Chief Accelerator Engineer..... N 7 800
 23. Franklin Kibler, 1400, Instrument Maker..... ZN50 3 075
 24. George J. Schwab, 1415, Instrument Maker..... N 6 360
 25. Marion A. Carrington, 1399, Senior Laboratory Mechanic N 5 880
 26. George P. Clark, 1382, Senior Laboratory Mechanic..... ZN50 3 060
 27. Leo E. Cole, 1402, Senior Laboratory Mechanic..... N 5 520
 28. Robert W. Fiscus, 1421, Senior Laboratory Mechanic... N 5 400
 29. George I. Pike, 5676, Senior Laboratory Mechanic..... N 5 940
 30. Patrick K. Watson, 1384, Senior Laboratory Mechanic... ZN50 2 820
 31. _____, 1396, Senior Laboratory Mechanic..... N 5 280
 32. Margaret Runkel, 7476, Secretary (Transcribing)..... H50 2 640
 33. Curtis A. McGuire, 7779, Accelerator Technician..... N 4 800
 34. Donald Vermillion, 5365, Accelerator Technician..... N 6 120
 35. William E. Fears, 7532, Electronics Technician I..... N 4 500
 36. Glenn Russell Mann, 1422, Electronics Technician II.... N 5 760

37. James R. Starr, 1419, Electronics Technician II.....	N	5 820
38. Edward E. Wascher, 1405, Electronics Technician II.....	N	6 000
<i>Total, Office of Naval Research 1834 05.....</i>		<u>\$174 830</u>

Physics Betatron

Account Number 00-22-56-300

1. Ernest Englund, Sr., 5642, Physical Research Laboratory Assistant.....	N	\$ 7 170
2. Thomas A. King, Jr., 1446, Chief Accelerator Engineer..	ZN75	7 875
(Total Salary)		(10 500)
3. James R. Harlan, 1448, Electronics Engineer.....	N	8 040
4. Carl E. Kling, 1445, Glass Blower II.....	N	7 590
5. George A. Johnson, 1449, Instrument Maker.....	N	6 120
6. James J. Cochrane, 7048, Laboratory Manager.....	N	8 460
7. Eugene R. Cordes, 1450, Senior Laboratory Mechanic....	N	5 940
8. _____, 1454, Secretary (Stenographic).....	N	4 020
9. Ralph D. Kenworthy, 1451, Storekeeper.....	N	4 740
<i>Total, Physics Betatron.....</i>		<u>\$59 955</u>

Theoretical and Applied Mechanics**College**

Account Number 00-22-60-100

1. Janet M. Huddleston, 6778, Clerk-Typist III.....	N	\$ 2 880
2. Bonnie J. Malcor, 5398, Clerk-Typist III.....	N	2 880
3. Harley T. Musgrove, 1455, Instrument Maker.....	N	6 690
4. Earl E. Shipley, 1459, Senior Laboratory Mechanic.....	N	5 880
5. E. R. Yates, 1477, Senior Laboratory Mechanic.....	N	5 880
6. Marilyn A. Wright, 1460, Secretary (Stenographic).....	N	4 800
7. Walter Carlson, 7136, Electronics Technician I.....	N	5 100
<i>Total, Theoretical and Applied Mechanics (College)....</i>		<u>\$34 110</u>

Station

Account Number 00-22-60-300

1. Isabelle S. Purnell, 6298, Research Program Administrative Assistant	ZN35	\$ 2 415
(Total Salary)		(6 900)
2. _____, 1461, Clerk-Stenographer III.....	N	3 380
3. Ernest J. Bryant, 1458, Senior Laboratory Mechanic.....	N	5 880
4. George E. Mercer, 1457, Senior Laboratory Mechanic....	N	6 060
5. Larry L. Motsinger, 7491, Duplicating Machine Operator III.....	ZN50	1 950
(Total Salary)		(3 900)
<i>Total, Theoretical and Applied Mechanics (Station).....</i>		<u>\$19 685</u>

Theoretical and Applied Mechanics Testing Revolving

Account Number 12-22-60-382

1. Gleason D. Thomas, 1465, Senior Laboratory Mechanic...	N	\$ 5 880
<i>Total, Theoretical and Applied Mechanics Testing Revolving.....</i>		<u>\$ 5 880</u>

Cooperative Investigations

AMERICAN IRON AND STEEL — CONTINUOUS CONCRETE BEAMS

Account Number 44-22-60-301

1. Isabelle S. Purnell, 6298, Research Program Administrative Assistant	ZN5	\$ 345
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AMERICAN IRON AND STEEL — WELDED WIRE FABRIC

Account Number 44-22-60-302

1. Merle R. Penny, 5273, Junior Laboratory Mechanic.....	ZN34	\$ 1 760
(Total Salary)		(5 280)

AMERICAN IRON AND STEEL — FAILURES IN RAILROAD RAILS

Account Number 44-22-60-305

1. Isabelle S. Purnell, 6298, Research Program Administrative Assistant	ZN5	\$ 345
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2. Marion C. Moore, 1473, Senior Laboratory Mechanic..... N		5 880
<i>Total, American Iron and Steel—Failures in Railroad Rails.....</i>		<i>\$ 6 225</i>
U.S. AIR FORCE 5658		
Account Number 46-22-60-301		
1. Joan J. Hoppough, 1464, Clerk-Stenographer III..... ZN33		\$ 1 120
(Total Salary)		(3 360)
2. Dean Bailey, 5128, Senior Laboratory Mechanic..... ZN50		2 940
(Total Salary)		(5 880)
3. Larry L. Motsinger, 7491, Duplicating Machine Operator III..... ZN25		975
<i>Total, U.S. Air Force 5658.....</i>		<i>\$ 5 035</i>
U.S. ARMY ORDNANCE 593		
Account Number 46-22-60-304		
1. Isabelle S. Purnell, 6298, Research Program Administra- tive Assistant	ZN10	\$ 690
2. Joan J. Hoppough, 1464, Clerk-Stenographer III..... ZN33		1 120
<i>Total, U.S. Army Ordnance 593.....</i>		<i>\$ 1 810</i>
U.S. AIR FORCE 5153		
Account Number 46-22-60-305		
1. Isabelle S. Purnell, 6298, Research Program Administra- tive Assistant	ZN10	\$ 690
2. Nancy E. Dahl, 5363, Clerk-Typist III..... ZN33		1 080
(Total Salary)		(3 240)
3. Elmer Hunt, 1469, Senior Laboratory Mechanic..... N		5 880
<i>Total, U.S. Air Force 5153.....</i>		<i>\$ 7 650</i>
U.S. ATOMIC ENERGY COMMISSION PROJECT 20		
Account Number 46-22-60-309		
1. Isabelle S. Purnell, 6298, Research Program Administra- tive Assistant	ZN10	\$ 690
2. Nancy E. Dahl, 5363, Clerk-Typist III..... ZN33		1 080
<i>Total, U.S. Atomic Energy Commission Project 20.....</i>		<i>\$ 1 770</i>
GENERAL ELECTRIC COMPANY—U.S. AIR FORCE SUBCONTRACT 2		
Account Number 46-22-60-334		
1. Nancy E. Dahl, 5363, Clerk-Typist III..... ZN34		\$ 1 080
U.S. N.O.B.S. 72143		
Account Number 46-22-60-353		
1. Isabelle S. Purnell, 6298, Research Program Administra- tive Assistant	ZN10	\$ 690
2. James M. Robertson, 1463, Senior Laboratory Mechanic.. N		5 880
<i>Total, U.S. N.O.B.S. 72143.....</i>		<i>\$ 6 570</i>
U.S. N.O.B.S. 72069		
Account Number 46-22-60-354		
1. Isabelle S. Purnell, 6298, Research Program Administra- tive Assistant	ZN10	\$ 690
2. Dean Bailey, 5158, Senior Laboratory Mechanic..... ZN50		2 940
3. James W. Bryant, 1475, Senior Laboratory Mechanic..... N		5 880
<i>Total, U.S. N.O.B.S. 72069.....</i>		<i>\$ 9 510</i>
U.S. OFFICE OF NAVAL RESEARCH 1834 14		
Account Number 46-22-60-369		
1. Isabelle S. Purnell, 6298, Research Program Administra- tive Assistant	ZN5	\$ 345
2. Larry L. Motsinger, 7491, Duplicating Machine Operator III..... ZN25		975
<i>Total, U.S. Office of Naval Research 1834 14.....</i>		<i>\$ 1 320</i>
U.S. OFFICE OF NAVAL RESEARCH 2947 01		
Account Number 46-22-60-370		
1. William C. Stitt, 1462, Senior Laboratory Mechanic..... N		\$ 5 880

STATE OF ILLINOIS DIVISION OF HIGHWAYS—CREEP IN STRUCTURAL CONCRETE

Account Number 47-22-60-312

1. Joan J. Hoppough, 1464, Clerk-Stenographer III.....	ZN34	\$ 1 120
2. Merle R. Penny, 5273, Junior Laboratory Mechanic.....	ZN33	1 760
<i>Total, State of Illinois Division of Highways—Creep in Structural Concrete</i>		\$ 2 880

STATE OF ILLINOIS DIVISION OF HIGHWAYS—FATIGUE FAILURE IN CONCRETE

Account Number 47-22-60-325

1. Merle R. Penny, 5273, Junior Laboratory Mechanic.....	ZN33	\$ 1 760
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COLLEGE OF FINE AND APPLIED ARTS

Administration

Account Number 00-24-01-100

1. Gloria R. Sandvold, 1578, Clerk-Typist III.....	N	\$ 3 810
2. Alice T. Wall, 1576, Administrative Secretary (Stenographic).....	N	7 800
<i>Total, Administration</i>		\$11 610

Architecture

Account Number 00-24-05-100

1. Frank M. Sinclitico, 7216, Equipment Attendant.....	N	\$ 3 900
2. Patricia C. Gart, 1581, Clerk-Stenographer III.....	N	3 000
3. Jean A. McNish, 1579, Secretary (Stenographic).....	N	4 620
<i>Total, Architecture</i>		\$11 520

Art

Account Number 00-24-10-100

1. Lee E. Garrett, 6734, Equipment Attendant.....	N	\$ 4 560
2. Jane W. Grayheck, 1583, Clerk-Typist II.....	N	3 000
3. Helen G. Jordan, 1582, Secretary (Stenographic).....	N	5 520
<i>Total, Art</i>		\$13 080

City Planning and Landscape Architecture

Account Number 00-24-15-100

1. Marianne Dorner, 1585, Clerk-Stenographer III.....	N	\$ 3 480
<i>Total, City Planning and Landscape Architecture</i>		\$ 3 480

Bureau of Community Planning

Account Number 00-24-16-400

1. Brenda K. Eskew, 7413, Clerk-Stenographer II.....	N	\$ 2 880
2. Barbara D. D'Ascenzo, 7409, Clerk-Typist II.....	N	2 730
3. Rose Mary Husmann, 1594, Secretary (Stenographic)....	N	3 900
<i>Total, Bureau of Community Planning</i>		\$ 9 510

School of Music

Account Number 00-24-25-100

1. Shirley L. Burrigh, 7205, Clerk-Stenographer II.....	N	\$ 3 480
2. Anna M. Farish, 1590, Clerk-Stenographer II.....	N	3 240
3. Mary A. Smail, 5251, Clerk-Stenographer II.....	N	3 180
4. Lillian Marr, 1589, Secretary (Stenographic).....	N	5 610
5. R. E. Helmericks, 1586, Instrument Supervisor.....	N	8 300
6. Ralph T. McNeely, 1587, Piano Maintenance Supervisor..	N	8 100
7. G. H. Steward, 5730, Musical Instrument Technician....	N	6 550
8. Arnold Brewe, 1588, Piano Technician.....	N	6 250
<i>Total, School of Music</i>		\$44 710

University of Illinois Bands

Account Number 00-24-35-100

1. John E. Cranford, 7742, Equipment Attendant.....	N	\$ 5 070
2. Ellamae Dodds, 1592, Typing Clerk III.....	N	3 390
<i>Total, University of Illinois Bands</i>		\$ 8 460

Small Homes Council

Account Number 00-24-50-300

1. Marguerite Bach, 1867, Clerk-Stenographer II.....	N	\$ 3 120
2. Lynn A. Snyder, 1868, Clerk-Stenographer II.....	N	3 300
3. Gwyneth B. Shaffer, 1866, Clerk-Stenographer III.....	N	3 570
4. Lila L. Shedenhelm, 1865, Clerk-Typist II.....	N	3 060
5. Dorothy E. Wilkins, 1864, Secretary (Stenographic).....	N	6 150
<i>Total, Small Homes Council.....</i>		<u>\$19 200</u>

Small Homes Council Publications Revolving

Account Number 12-24-50-466

1. Lola M. Huggins, 1873, Clerk II.....	N	\$ 3 120
<i>Total, Small Homes Council Publications Revolving.....</i>		<u>\$ 3 120</u>

Krannert Art Museum

Account Number 00-24-80-100

1. _____,	N	\$ 4 300
2. _____,	N	3 500
<i>Total, Krannert Art Museum.....</i>		<u>\$ 7 800</u>

GRADUATE COLLEGE**Administration**

Account Number 00-26-01-100

1. Edith L. Williams, 7634, Clerk I.....	N	\$ 2 910
2. Mary E. Hott, 1479, Administrative Clerk.....	N	7 200
3. Antoinette La Voie, 1480, Administrative Clerk.....	N	7 600
4. Marcia Nock, 7151, Typing Clerk II.....	N62	1 800
5. Judith R. Clark, 6897, Clerk-Stenographer II.....	N	3 060
6. Suzanne H. Chamberlin, 1482, Clerk-Stenographer III....	N	3 600
7. Elizabeth J. Mitchell, 1486, Clerk-Typist I.....	N	2 820
8. Donna M. Black, 1485, Clerk-Typist II.....	N	3 120
9. Edna M. Jenkins, 1484, Clerk-Typist II.....	N	2 640
10. Sandra E. Sokolow, 5607, Clerk-Typist II.....	ZN60	1 890
(Total Salary)		(3 150)
11. Dorothy B. Rickert, 7425, Secretary (Stenographic).....	N	5 910
<i>Total, Administration</i>		<u>\$42 550</u>

Glass Blowing Service

Account Number 00-26-01-932

1. Arthur F. Robbins, 5584, Glass Blower II.....	ZN62	\$ 5 175
(Total Salary)		(8 400)
<i>Total, Glass Blowing Service.....</i>		<u>\$ 5 175</u>

Indirect Costs — Graduate College Administration — Wall

Account Number 41-26-01-100

1. _____, 1481, Clerk-Stenographer III.....	N	\$ 3 690
2. Sandra E. Sokolow, 5607, Clerk-Typist II.....	ZN40	1 260
<i>Total, Indirect Costs — Graduate College Administration — Wall.....</i>		<u>\$ 4 950</u>

Indirect Costs — Graduate College — Glass Blowing

Account Number 41-26-01-332

1. Arthur F. Robbins, 5584, Glass Blower II.....	ZN38	\$ 3 225
<i>Total, Indirect Costs — Graduate College — Glass Blowing.....</i>		<u>\$ 3 225</u>

Special Fund

Account Number 00-26-05-300

1. Deborah H. Skehen, 1489, Clerk-Typist II.....	N	\$ 3 120
2. Marcia I. Sedgwick, 6600, Statistician I.....	N	3 360
<i>Total, Special Fund.....</i>		<u>\$ 6 480</u>

Digital Computer Laboratory

Account Number 00-26-15-300

1. G. W. Michael, 1494, Laboratory Program Administrative Assistant.....	N	\$ 7 350
2. _____, 6700, Clerk-Stenographer II.....	N	3 120
3. John W. Oare, 1497, Draftsman.....	ZN50	2 160
(Total Salary)		(4 320)
4. James E. Bahls, 1499, Junior Laboratory Mechanic.....	ZN50	2 520
(Total Salary)		(5 040)
5. Thomas E. Kerkering, 5988, Senior Laboratory Mechanic.....	ZN50	3 060
(Total Salary)		(6 120)
6. Norma I. Saathoff, 1501, Computer Teletype Operator....	N	2 700
7. Ramona J. Russell, 7741, Digital Computer Operator II..	N	(5 400)
8. Helen B. Clark, 1500, Secretary (Stenographic).....	N	4 980
9. Ronald A. Gustafson, 1496, Electronics Technician I.....	N	3 960
10. Joseph V. Wenta, 6074, Electronics Technician II.....	N	6 060
<i>Total, Digital Computer Laboratory.....</i>		<i>\$35 910</i>

Computer Service

Account Number 09-26-15-912

1. _____, 7578, Statistical Clerk.....	N50	\$ 1 356
2. Jean E. Ellsworth, 7750, Clerk-Stenographer III.....	N	3 420
3. Clifford E. Carter, 5959, Electronics Engineer.....	N	7 290
4. Harold E. Lopeman, 1495, Electronics Engineer.....	N	7 620
5. Robert W. Blencoe, 5309, Digital Computer Operator I... N		3 900
6. Merlin J. Foster, 6029, Digital Computer Operator I.....	N	4 860
7. William L. Huffman, 5308, Digital Computer Operator II	N	6 060
8. Rosalie J. Hunt, 7745, Tabulating Machine Operator II... N		4 500
9. Shirlee P. Krabbe, 6241, Electronics Technician II.....	N	5 040
10. Warren V. Richardson, 7430, Office Machine Technician I	N	3 900
<i>Total, Computer Service.....</i>		<i>\$47 946</i>

Cooperative Investigations

U.S. ATOMIC ENERGY COMMISSION 415

Account Number 46-26-15-303

1. John W. Oare, 1497, Draftsman.....	ZN50	\$ 2 160
2. _____, 1497, Draftsman.....	N50	1 380
3. James E. Bahls, 1499, Junior Laboratory Mechanic.....	ZN50	2 520
4. Ralph M. Rivera, 1498, Junior Laboratory Mechanic.....	N	4 800
5. Thomas E. Kerkering, 5988, Senior Laboratory Mechanic	ZN50	3 060
6. John L. Fileccia, 7589, Electronics Technician I.....	N	3 960
7. Richard A. Lierman, 6553, Electronics Technician I.....	N	4 260
8. Edmund Pelg, 6205, Electronics Technician I.....	N	5 220
9. Frank P. Serio, 7360, Electronics Technician I.....	N	5 100
10. John D. Sullivan, 7381, Electronics Technician I.....	N	5 040
<i>Total, U.S. Atomic Energy Commission 415.....</i>		<i>\$37 500</i>

Research — Illinois Historical Survey — Pease

Account Number 01-26-25-366

1. Steven H. Moll, 1615, Clerk-Typist II.....	N50	\$ 1 350
<i>Total, Research — Illinois Historical Survey — Pease....</i>		<i>\$ 1 350</i>

Natural Areas and Uncultivated Land

Account Number 00-26-33-300

1. Charles W. Smith, 1502, Forest Custodian.....	P	\$ 4 698
<i>Total, Natural Areas and Uncultivated Land.....</i>		<i>\$ 4 698</i>

Physical Environment Unit

Account Number 00-26-35-300

1. Helen McDonnell, 1364, Clerk-Typist III.....	ZN40	\$ 1 464
(Total Salary)		(3 660)

2. Lawrence D. Siler, 7049, Environment Laboratory Operator.....	N	\$ 5 760
<i>Total, Physical Environment Unit.....</i>		<i>\$ 7 224</i>

Radiocarbon Laboratory

Account Number 00-26-40-300

1. Julia A. Heberer, 5243, Clerk-Typist II.....	ZN50	\$ 1 380
(Total Salary)		(2 760)
<i>Total, Radiocarbon Laboratory.....</i>		<i>\$ 1 380</i>

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	\$ 3 420
2. Gary P. Imel, 7460, Assistant Laboratory Attendant.....	N	3 420
<i>Total, U.S. Public Health Service E1349.....</i>		<i>\$ 6 840</i>

State Water Survey

Cooperative Investigations

CROP — HAIL INSURANCE ASSOCIATION — HAIL STORMS

Account Number 44-26-84-314

1. Irene R. Koch, Meteorological Aide II.....	N	\$ 4 410
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U.S. ARMY SIGNAL CORPS 75055 IC

Account Number 45-26-84-312

1. Lawrence A. Stichler, 5557, Research Program Administrative Assistant	N50	\$ 3 750
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U.S. ARMY SIGNAL CORPS 75055

Account Number 46-26-84-312

1. Dorothy A. Gurney, 6605, Meteorological Aide I.....	N	\$ 3 510
2. —————, 6704, Meteorological Aide I.....	N50	3 600
3. —————, 5921, Meteorological Aide I.....	N	3 420
4. —————, 6933, Meteorological Aide I.....	H	3 132
5. Ruth B. Cipelle, 6371, Meteorological Aide II.....	N	5 010
6. Don H. Summers, 5552, Meteorological Aide II.....	N	4 500
7. Edna M. Anderson, 5299, Clerk-Typist II.....	N	3 390
<i>Total, U.S. Army Signal Corps 75055.....</i>		<i>\$26 562</i>

COLLEGE OF JOURNALISM AND COMMUNICATIONS

Administration

Account Number 00-28-01-100

1. Norma E. Carr, 1649, Chief Clerk.....	N	\$ 6 600
2. Kathleen A. Uebel, 7636, Clerk-Stenographer II.....	N50	1 440
3. —————, 1652, Clerk-Stenographer II.....	N	3 000
4. Beverly Beuligmann, 1650, Clerk-Stenographer III.....	N	3 360
<i>Total, Administration</i>		<i>\$14 400</i>

Institute of Communications Research

Account Number 00-28-20-300

1. —————, 5541, Clerk-Stenographer III.....	N	\$ 3 000
<i>Total, Institute of Communications Research.....</i>		<i>\$ 3 000</i>

Cooperative Investigations

U.S. PUBLIC HEALTH SERVICE 3M9067

Account Number 46-28-20-365

1. Freda P. Schell, 6828, Clerk-Typist I.....	N50	\$ 1 500
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Broadcasting**Administration**

Account Number 00-28-21-400

1. Dolores H. Kennedy, 1658, Clerk-Stenographer I.....	N50	\$ 1 350
<i>Total, Administration</i>		\$ 1 350

Radio Station

Account Number 00-28-25-400

1. Thomas J. Waters, 1664, Chief Announcer.....	N50	\$ 2 400
2. Charles A. Amundson, 1675, Radio Program Assistant....	N50	1 890
3. David H. Baum, 1674, Radio Program Assistant.....	N50	1 800
4. Bernice I. Cross, 1666, Radio Program Assistant.....	N	3 960
5. Marjorie A. Greenwood, 1668, Radio Program Assistant..	N	3 810
6. Truman D. Hayes, 1674, Radio Program Assistant.....	N50	1 800
7. William G. Robinson, 1667, Radio Program Assistant....	N50	1 800
8. Andrew Stecyk, 1679, Radio Program Assistant.....	N50	1 920
9. Ruth E. Stillwell, 1667, Radio Program Assistant.....	N50	2 100
10. Sally A. Wooldridge, 1672, Radio Program Assistant....	N	3 600
11. ———, 1670, Radio Program Assistant.....	N	3 510
12. ———, 1673, Radio Program Assistant.....	N50	1 800
13. Doris A. Casey, 1691, Clerk-Stenographer I.....	N50	1 470
14. ———, 1691, Clerk-Stenographer I.....	N50	1 350
15. Eva M. Benton, 1684, Assistant Broadcasting Engineer... P		5 220
16. Jean W. Burkhead, 7182, Assistant Broadcasting Engineer H		(5 220)
17. Donald W. Colaw, 1685, Assistant Broadcasting Engineer P		5 220
18. Lloyd L. Massingill, 1682, Assistant Broadcasting Engineer P		5 220
19. Gerald D. Wood, 1695, Assistant Broadcasting Engineer.. P		4 281
20. ———, 1688, Assistant Broadcasting Engineer..... P50		2 610
21. Rob R. Beldon, 1663, Chief Broadcasting Engineer..... ZN50		4 590
(Total Salary)		(9 180)
22. Clarence H. Berbaum, 5487, Assistant Chief Broadcasting Engineer..... N		7 140
23. W. David Smith, 6932, Radio Operator..... P		4 281
24. Faye Bachert, 1690, Secretary (Stenographic)..... N		4 050
25. Kevin E. Wheeler, 1665, Production Supervisor..... N		5 790
26. John A. Regnell, 1661, Supervisor of Educational Programs..... N75		5 960
(Total Salary)		(7 690)
(Also academic)		
27. Kenneth L. Cutler, 1662, Supervisor of Music..... N		7 320
28. Jimmie G. Turpin, 6417, Supervisor of Sports Broadcasts N		5 610
<i>Total, Radio Station</i>		\$100 442

RECORDING SERVICE

Account Number 09-28-25-973

1. Edna Haney, 1681, Assistant Broadcasting Engineer..... P	\$ 5 220
<i>Total, Recording Service</i>	\$ 5 220

NATIONAL ASSOCIATION OF EDUCATIONAL BROADCASTERS — TAPE NETWORK

Account Number 44-28-25-456

1. Jesse L. Trump, Jr., 6732, Recording Engineer.....	N	\$ 5 400
2. Robert Underwood, Jr., 1659, NAEB Tape Network Manager.....	N	5 600
3. Nancy K. Whitmore, 1660, Assistant Network Traffic Manager.....	N	3 900
4. Gabor I. Belso, 7218, Audio-Visual Aids Technician I....	N75	2 250
5. Zoltan Ujhelyi, 6930, Audio-Visual Aids Technician I....	N	3 600
<i>Total, National Association of Educational Broadcasters — Tape Network</i>		\$20 750

Television-Motion Pictures

Account Number 00-28-28-400

1. Olive B. Currid, 1678, Radio Program Assistant.....	N50	\$ 2 100
2. Ursula Maksic, 1676, Radio Program Assistant.....	N50	2 100

3. William L. Miller, 1697, Television Cameraman.....	N	5 820
4. Claire M. Teramoto, 7175, Clerk-Typist II.....	N	2 700
5. Richard G. Lawson, 6107, Television Production Coordinator.....	N85	6 420
(Total Salary)		(7 360)
(Also academic)		
6. Jack M. Crannell, 7158, Television Director-Producer.....	N	6 810
7. _____, 1696, Television Director-Producer.....	N	6 900
8. Stevan Borleff, 1683, Assistant Broadcasting Engineer....	P	5 220
9. Charles W. Kelly, 6257, Assistant Broadcasting Engineer..	P50	2 610
10. David O. Lord, 1689, Assistant Broadcasting Engineer....	P50	2 610
11. Ernst R. Proemmel, 6257, Assistant Broadcasting Engineer	P50	2 454
12. John A. Saldeen, 7134, Assistant Broadcasting Engineer..	P	5 220
13. John Truitt, 1686, Assistant Broadcasting Engineer.....	P	5 220
14. Rob R. Beldon, 1663, Chief Broadcasting Engineer.....	ZN50	4 590
(Total Salary)		(9 180)
15. Alan B. Jester, 7533, Assistant Chief Broadcasting Engineer.....	N	6 510
16. C. W. Winterbottom, 6121, Television Writer-Producer..	N	5 370
Total, Television-Motion Pictures.....		\$72 654

COLLEGE OF LAW

Account Number 00-30-10-100

1. C. Margaret Wascher, 1642, Chief Clerk.....	N	\$ 4 800
2. Sally K. Fassler, 1646, Clerk-Stenographer II.....	N	3 060
3. June O. Sharp, 1643, Clerk-Stenographer II.....	N	3 060
4. _____, 1645, Clerk-Stenographer II.....	N	2 820
5. Marian H. Martin, 1641, Administrative Secretary (Stenographic).....	N	7 800
Total, College of Law.....		\$21 540

COLLEGE OF LIBERAL ARTS AND SCIENCES

Administration

Account Number 00-32-01-100

1. Betty Brooks Smith, 5175, Chief Clerk.....	N	\$ 5 580
2. Rene I. Robertson, 0501, Clerk-Stenographer II.....	N	2 700
3. Jillian L. Hansen, 0499, Clerk-Stenographer III.....	N	4 260
4. Wilma F. White, 0497, Clerk-Stenographer III.....	N	3 630
5. _____, Clerk-Stenographer III.....	N	4 000
6. _____, 0500, Clerk-Typist II.....	N50	1 440
7. Lucille N. Ellis, 0496, Administrative Secretary (Stenographic).....	N	7 800
Total, Administration		\$29 410

Division of Biological Sciences

Account Number 00-32-01-117

1. Roy J. Charles, 0503, Senior Laboratory Mechanic.....	N	\$ 5 700
2. Alexander S. Wilson, 0502, Senior Laboratory Mechanic	N	5 940
Total, Division of Biological Sciences.....		\$11 640

Drafting Service

Account Number 09-32-01-917

1. Charles H. Beiger, Jr., 7330, Technical Draftsman-Illustrator I	N	\$ 4 590
Total, Drafting Service.....		\$ 4 590

Cooperative Investigations

FORD FOUNDATION — CULTURE CHANGE PROJECT

Account Number 44-32-07-325

1. _____, 5456, Clerk-Stenographer II.....	N	\$ 3 600
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U.S. OFFICE OF NAVAL RESEARCH 1834 22

Account Number 46-32-10-364

1. Richard F. Ripper, 1342, Chief Clerk.....	ZN27	\$ 1 620
(Total Salary)		(6 000)

Botany

Account Number 00-32-16-100

1. Natalie H. Davis, 0516, Scientific Artist.....	N	\$ 4 680
2. Helen E. Sterrett, 0519, Assistant to Curator of Herbarium.....	N	4 110
3. Henry W. Harris, 7112, Equipment Attendant.....	N	4 440
4. Evelyn V. Menges, 0515, Chief Clerk.....	N	4 950
5. M. Jo Ann Mahannah, 0518, Clerk-Typist II.....	N	2 700
6. ———, 0517, Clerk-Typist II.....	N	3 000
7. Walter R. Cook, 0513, Senior Laboratory Mechanic.....	N	5 910
8. Harold L. Tremaine, 6781, Nurseryman.....	N	5 400
Total, Botany		\$35 190

Indirect Costs — Graduate Research in Botany — Emerson

Account Number 41-32-16-322

1. Lucie W. Clark, 1505, Typing Clerk II.....	N50	\$ 1 650
Total, Indirect Costs — Graduate Research in Botany — Emerson.....		\$ 1 650

Cooperative Investigations

AMERICAN CANCER SOCIETY E 4

Account Number 44-32-16-303

1. Peter E. Bloom, 7363, Nurseryman.....	ZN50	\$ 2 700
(Total Salary)		(5 400)

U.S. NATIONAL SCIENCE FOUNDATION G2640

Account Number 46-32-16-358

1. Peter E. Bloom, 7363, Nurseryman.....	ZN50	\$ 2 700
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Chemistry and Chemical Engineering

Account Number 00-32-19-100

1. F. Thomas Gothard, Jr., 7311, Laboratory Program Administrative Assistant	N	\$ 5 700
2. Robert E. Duvall, 0540, Senior Laboratory Attendant...	N	4 794
3. Ruth Mock, 0554, Animal Caretaker.....	N	4 620
4. Elsie M. Wilson, 0523, Administrative Clerk.....	N	7 200
5. Robert J. Edwards, 0546, Stores Clerk.....	N	3 360
6. Elanor P. Greeson, 0527, Clerk-Stenographer II.....	N	4 020
7. Nancy J. Tutweiler, 0530, Clerk-Stenographer II.....	N	3 000
8. Peggy J. Vinson, 0529, Clerk-Stenographer II.....	N	3 000
9. Charlotte B. Proemmel, 0528, Clerk-Stenographer II....	N	3 900
10. Wendy B. Mitchell, 7244, Clerk-Stenographer II.....	ZN50	1 800
(Total Salary)		(3 600)
11. ———, 7380, Clerk-Stenographer II.....	N	3 000
12. Virginia L. Hawkins, 0532, Clerk-Stenographer III....	ZN89	3 480
(Total Salary)		(3 900)
13. Roberta M. Humphrey, 0533, Clerk-Stenographer III....	N	3 420
14. Julia Zvilius, 0525, Clerk-Stenographer III.....	N	3 720
15. ———, 7291, Clerk-Typist II.....	ZN50	1 410
(Total Salary)		(2 820)
16. Wandalou M. Ziegler, 0526, Clerk-Typist III.....	N	4 020
17. William J. Robinson, 7493, Electronics Engineer.....	N	8 000
18. Leon F. Goodyear, 0521, Glass Blower II.....	N95	7 600
(Also academic)		
19. Clifford R. Dammers, 7334, Departmental Business Manager	N	10 400
20. Lee Whyte, 5732, Laboratory Manager.....	N	9 800
21. Virgil F. Clements, 0542, Senior Laboratory Mechanic..	N	5 640
22. Claude B. Dunn, 0543, Senior Laboratory Mechanic.....	N	5 910

23. S. A. Phillips, 0544, Senior Laboratory Mechanic.....	N	5 880
24. A. E. Wood, 0541, Senior Laboratory Mechanic.....	N	6 090
25. Margaret N. Durham, 7688, Placement Officer.....	N	5 100
26. Hazel H. T. Inada, 0524, Secretary (Stenographic).....	N	4 020
27. ———, 6539, Secretary (Stenographic).....	N	4 800
28. Leonard L. Applegate, 0549, Storekeeper.....	N	4 740
29. R. E. Brown, 0548, Storekeeper.....	N	4 740
30. Gladson Burton, 0539, Storekeeper.....	N	4 710
31. Carl S. Coad, 0538, Storekeeper.....	N	4 710
32. Edward J. Gray, 0551, Storekeeper.....	N	4 770
33. John T. Kink, 0553, Storekeeper.....	N	4 650
34. Louis L. Lafenhagen, 0550, Storekeeper.....	N	4 740
35. John A. Mullen, Jr., 0535, Storekeeper.....	N	4 440
36. M. T. Murrell, 0534, Storekeeper.....	N	5 010
37. Glenn L. Percival, 0552, Storekeeper.....	N	4 740
38. G. A. Pittman, 0537, Storekeeper.....	N	4 776
39. Charles W. Schlatter, 0547, Storekeeper.....	N	4 320
40. C. M. Scott, 0536, Storekeeper.....	N	5 010
41. Raymond E. Wilson, 6164, Storekeeper.....	N	4 320
42. ———, Storekeeper.....	N	4 140
43. Verle Walters, 7431, Instrument and Measurement Technician II	N	6 800
<i>Total, Chemistry and Chemical Engineering.....</i>		<u>\$210 300</u>

Cooperative Investigations**A. P. SLOAN FOUNDATION, INC. — ORGANIC CHEMISTRY — ADAMS**

Account Number 44-32-19-380

- i. Wendy B. Mitchell, 7244, Clerk-Stenographer II..... ZN50 \$ 1 800

U.S. AIR FORCE 5486

Account Number 46-32-19-306

- i. ———, 7291, Clerk-Typist III..... ZN50 \$ 1 410
 2. Joanne H. Lewis, 0832, Clerk-Typist III..... N 3 900
Total, U.S. Air Force 5486..... \$ 5 310

U.S. ARMY QUARTERMASTER 1262

Account Number 46-32-19-318

- i. Mary C. Hanson, 0711, Secretary (Stenographic)..... ZN18 \$ 1 000
 (Total Salary) (5 490)

U.S.D.A. 492

Account Number 46-32-19-329

- i. Mary C. Hanson, 0711, Secretary (Stenographic)..... ZN50 \$ 2 760

U.S. NATIONAL SCIENCE FOUNDATION G2626

Account Number 46-32-19-351

- i. Mary C. Hanson, 0711, Secretary (Stenographic)..... ZN32 \$ 1 730

U.S. PUBLIC HEALTH SERVICE A562

Account Number 46-32-19-377

- i. Virginia L. Hawkins, 0532, Clerk-Stenographer III..... ZN11 \$ 420

U.S. PUBLIC HEALTH SERVICE 2G 321

Account Number 46-32-19-383

- i. Nathalie McLaughlin, Clerk-Stenographer III..... N \$ 3 000

U.S. PUBLIC HEALTH SERVICE E 1683

Account Number 46-32-19-384

- i. Jo Ann K. Boyer, 7667, Junior Laboratory Attendant... N \$ 3 600
 2. ———, 6959, Clerk-Stenographer III..... N 3 300
Total, U.S. Public Health Service E 1683..... \$ 6 900

U.S. PUBLIC HEALTH SERVICE C 3765

Account Number 46-32-19-387

- i. ———, 7655, Scientific Analyst..... N \$ 3 600

Classics

Account Number 00-32-22-100

1. Ida G. McQueen, 0835, Clerk-Typist III.....	N50	\$ 1 500
<i>Total, Classics</i>		\$ 1 500

English

Account Number 00-32-25-100

1. Mary K. Peer, 0837, Administrative Clerk.....	N	\$ 7 530
2. Mary C. Franklin, 6168, Clerk-Typist II.....	H	(3 132)
3. Nina L. Logan, 0840, Clerk-Typist II.....	N	3 150
4. Wanda K. Revell, 0839, Clerk-Typist II.....	N	2 910
5. _____, 7496, Clerk-Typist III.....	N	3 000
6. Marguerite R. Fisher, 0838, Secretary (Stenographic)....	N	4 920
<i>Total, English</i>		\$21 510

Entomology

Account Number 00-32-28-100

1. Lorraine Robe, 0842, Clerk-Stenographer III.....	N	\$ 3 840
<i>Total, Entomology</i>		\$ 3 840

Cooperative Investigations

U.S. PUBLIC HEALTH SERVICE 533

Account Number 46-32-28-366

1. _____, 7646, Assistant Laboratory Attendant.....	N	\$ 3 000
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French

Account Number 00-32-31-100

1. Martha M. Fisher, 0843, Clerk-Stenographer III.....	N	\$ 4 260
<i>Total, French</i>		\$ 4 260

Division of General Studies

Account Number 00-32-37-100

1. Elizabeth W. Schultz, 0836, Secretary (Stenographic)...	N	\$ 5 100
<i>Total, Division of General Studies</i>		\$ 5 100

Geography

Account Number 00-32-43-100

1. Dorothy D. Coslet, 7708, Clerk-Stenographer I.....	H50	\$(1 305)
2. James A. Bier, 7194, Cartographic Draftsman.....	ZN87	5 760
(Total Salary)		(6 600)
3. Gladys Hollingshead, 0844, Secretary (Stenographic)....	N	5 520
<i>Total, Geography</i>		\$11 280

Cooperative InvestigationsSTATE DEPARTMENT OF REGISTRATION AND EDUCATION —
ILLINOIS RESOURCES ATLAS

Account Number 47-32-43-372

1. James A. Bier, 7194, Cartographic Draftsman.....	ZN13	\$ 840
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Geology

Account Number 00-32-46-100

1. _____, 0846, Clerk-Typist II.....	N	\$ 2 520
2. Ruby D. Hart, 0847, Clerk-Typist III.....	N	3 660
3. Rosa M. Nickell, 0845, Secretary (Stenographic).....	N	6 600
<i>Total, Geology</i>		\$12 780

German

Account Number 00-32-49-100

1. Herta V. Murrell, 0848, Clerk-Stenographer III.....	N	\$ 3 270
<i>Total, German</i>		\$ 3 270

History

Account Number 00-32-52-100

1. Ruth H. Lewis, 0849, Secretary (Stenographic).....	N	\$ 5 040
<i>Total, History</i>		\$ 5 040

Mathematics

Account Number 00-32-54-100

1. Lucretia M. Levy, 6642, Assistant to Editor.....	N50	\$ 3 600
2. _____, 7346, Clerk-Stenographer I.....	N50	1 500
3. Carolyn J. Bloemker, 0851, Clerk-Typist II.....	N	3 120
4. _____, 0850, Secretary (Stenographic).....	N	4 230
<i>Total, Mathematics</i>		\$12 450

Cooperative Investigations

U.S. NATIONAL SCIENCE FOUNDATION G 6512

Account Number 46-32-54-160

1. Jean M. Marvin, 7009, Clerk-Stenographer III.....	N	\$ 4 500
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Microbiology

Account Number 00-32-55-100

1. Leonora C. Updike, 5000, Assistant Laboratory Attendant	N	\$ 3 180
2. _____, Assistant Laboratory Attendant.....	N	3 600
3. Lela B. McElwee, 0510, Junior Laboratory Attendant....	N	3 720
4. Norman L. Miller, 0505, Junior Laboratory Attendant...	N	3 720
5. John L. Buckner, 0506, Senior Laboratory Attendant....	N	4 740
6. _____, Senior Laboratory Attendant.....	N	3 960
7. _____, 0508, Clerk-Stenographer II.....	N50	1 530
8. Ruth A. Habing, 0509, Clerk-Stenographer III.....	N	3 480
9. Rose A. Neumann, 0511, Clerk-Stenographer III.....	ZN75	3 000
(Total Salary)		(4 020)
10. E. Kathleen Seeds, 0507, Secretary (Stenographic).....	ZN96	3 750
(Total Salary)		(3 900)
<i>Total, Microbiology</i>		\$34 680

Cooperative Investigations

AMERICAN CANCER SOCIETY E 59 A

Account Number 44-32-55-305

1. Hazel I. Ragle, 6524, Assistant Laboratory Attendant....	N	\$ 2 880
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U.S.D.A. 993 73

Account Number 46-32-55-314

1. E. Kathleen Seeds, 0507, Secretary (Stenographic).....	ZN4	\$ 150
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U.S. OFFICE OF NAVAL RESEARCH 1834 24

Account Number 46-32-55-364

1. Robert L. Jones, 6557, Assistant Laboratory Attendant...	N	\$ 2 880
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U.S. OFFICE OF NAVAL RESEARCH 1834 30

Account Number 46-32-55-366

1. Frances E. Engle, 7723, Senior Laboratory Attendant....	N	\$ 3 960
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U.S. PUBLIC HEALTH SERVICE C1094

Account Number 46-32-55-368

1. Rose A. Neumann, 0511, Clerk-Stenographer III.....	ZN25	\$ 1 020
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U.S. PUBLIC HEALTH SERVICE E1807

Account Number 46-32-55-374

1. Effie G. Bailey, 0512, Junior Laboratory Attendant.....	N	\$ 3 420
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Philosophy

Account Number 00-32-57-100

1. Betty M. Moore, 0852, Clerk-Stenographer III.....	N	\$ 3 510
<i>Total, Philosophy</i>		\$ 3 510

Physiology

Account Number 00-32-60-100

1. Stella Montgomery, 5514, Foods Laboratory Assistant....	N	\$ 3 600
2. Olen Mackey, 0855, Animal Caretaker.....	N	4 750
3. Donna M. Fogal, 0856, Clerk-Typist III.....	N	3 600
4. _____, 0854, Secretary (Stenographic).....	N	4 380
5. Russell J. Gillogly, 0853, Storekeeper.....	N	4 810
<i>Total, Physiology</i>		<u>\$21 140</u>

Political Science

Account Number 00-32-63-100

1. _____, 7649, Clerk-Stenographer II.....	H50	\$(1 827)
2. Helen T. Cropp, 0857, Clerk-Stenographer III.....	N	4 200
<i>Total, Political Science</i>		<u>\$ 4 200</u>

Psychology

Account Number 00-32-66-100

1. Judith C. Pirtle, 7050, Personnel Assistant II.....	N	\$ 3 600
2. Ulysses G. Mullen, 0864, Assistant Laboratory Attendant. N50		1 605
3. Marilyn Wazak, 0860, Clerk-Stenographer III.....	N	3 450
4. Elaine M. Johnson, 0862, Clerk-Typist II.....	N	2 580
5. Sharon E. Ferguson, 0866, Clerk-Typist III.....	N	3 300
6. Mary L. Virgiel, 7527, Clerk-Typist III.....	N	3 240
7. _____, 0863, Clerk-Typist III.....	N50	1 440
8. Merle Ridgley, 1492, Instrument Maker.....	N	6 060
9. Polly J. Kessler, 7098, Secretary (Transcribing).....	N	4 500
<i>Total, Psychology</i>		<u>\$30 675</u>

Indirect Costs — Psychology

Account Number 40-32-66-300

1. Roberta K. Garner, 7453, Clerk-Typist III.....	ZN25	\$ 825
(Total Salary)		(3 300)
<i>Total, Indirect Costs — Psychology</i>		<u>\$ 825</u>

Cooperative Investigations

U.S. AIR FORCE 5965

Account Number 46-32-66-309

1. Anna M. Gissing, 0868, Clerk-Stenographer III.....	N50	\$ 1 800
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U.S. AIR FORCE 371

Account Number 46-32-66-311

1. Albert H. Bowman, 5953, Model Maker.....	ZN25	\$ 1 980
(Total Salary)		(7 920)
2. Genevieve C. Baker, 0873, Secretary (Transcribing).....	ZN25	1 050
(Total Salary)		(4 200)
<i>Total, U.S. Air Force 371</i>		<u>\$ 3 030</u>

U.S. NAVAL TRAINING CENTER N6 1339 297

Account Number 46-32-66-358

1. Albert H. Bowman, 5953, Model Maker.....	ZN75	\$ 5 940
2. Genevieve C. Baker, 0873, Secretary (Transcribing).....	ZN75	3 150
3. Rudolf A. Frasca, 6408, Flight Simulator Maintenance and Design Specialist.....	N50	3 480
<i>Total, U.S. Naval Training Center N6 1339 297</i>		<u>\$12 570</u>

U.S. OFFICE OF NAVAL RESEARCH 1834 11

Account Number 46-32-66-364

1. Kathryn L. Hansen, 7652, Clerk II.....	N	\$ 2 700
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U.S. PUBLIC HEALTH SERVICE M 1206

Account Number 46-32-66-365

1. Carolyn D. Vilven, 5682, Clerk-Typist II.....	N	\$ 3 000
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U.S. PUBLIC HEALTH SERVICE M 1041 R2

Account Number 46-32-66-366

1. Roberta K. Garner, 7453, Clerk-Typist III.....	ZN75	\$ 2 475
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STATE DEPARTMENT OF PUBLIC WELFARE — CHILDREN'S INTERESTS

Account Number 47-32-66-312

1. _____, 6452, Clerk I.....	N	\$ 2 400
2. _____, 6495, Clerk II.....	N50	<u>1 320</u>
<i>Total, State Department of Public Welfare — Children's Interests.....</i>		<u>\$ 3 720</u>

U.S. PUBLIC HEALTH SERVICE M1774

Account Number 46-32-66-367

1. Jean A. Albrecht, 7736, Clerk-Typist II.....	H	\$ 3 007
2. _____, 7637, Clerk-Typist II.....	H	<u>3 007</u>
<i>Total, U.S. Public Health Service M1774.....</i>		<u>\$ 6 014</u>

U.S. PUBLIC HEALTH SERVICE M2509

Account Number 46-32-66-375

1. _____, 6452, Clerk-Typist II.....	N50	\$ 1 500
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Sociology

Account Number 00-32-69-100

1. _____, 0883, Clerk-Typist II.....	G	\$ 1 980
(Nine months)		
2. Elma L. Castor, 0882, Secretary (Stenographic).....	N	<u>6 180</u>
<i>Total, Sociology</i>		<u>\$ 8 160</u>

Cooperative Investigations

FORD FOUNDATION — RECIDIVISM

Account Number 44-32-69-329

1. Janice K. Darnell, 7475, Clerk-Typist III.....	N	\$ 3 930
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Spanish and Italian

Account Number 00-32-72-100

1. Mary E. Valdes, 0885, Clerk-Stenographer III.....	N	\$ 3 720
<i>Total, Spanish and Italian.....</i>		<u>\$ 3 720</u>

Speech

Account Number 00-32-75-100

1. Rose M. Wallace, 0889, Clerk-Stenographer II.....	N	\$ 2 820
2. Shirley J. Davidson, 0888, Clerk-Stenographer III.....	N	3 120
3. Jennifer M. Hindell, 0890, Clerk-Stenographer III.....	N	3 300
4. _____, 0887, Clerk-Stenographer III.....	N	3 000
5. Anne Donnellan, 0891, Clerk-Typist II.....	N	2 640
6. Katherine A. Mullen, 0886, Secretary (Stenographic)...	N	6 180
7. Jack L. Bradbery, 1491, Electronics Technician I.....	H25	2 000
8. Frank J. D'Ascenzo, 1491, Electronics Technician I.....	N75	3 600
9. _____, 4904, Electronics Technician I.....	H	<u>(3 654)</u>
<i>Total, Speech</i>		<u>\$26 660</u>

Speech Revolving

Account Number 12-32-75-170

1. _____, 5205, Clerk-Stenographer II.....	N	\$ 3 060
<i>Total, Speech Revolving.....</i>		<u>\$ 3 060</u>

Zoology

Account Number 00-32-79-100

1. Alice A. Boatright, 0899, Scientific Artist.....	G	\$ 4 500
(Ten months)		
2. F. B. Norton, 0895, Assistant Laboratory Attendant.....	N75	2 267
3. Ruth W. Bruckner, 0894, Clerk-Stenographer III.....	N	4 200
4. Mary A. Mergelkamp, 0898, Clerk-Typist II.....	N	2 400
5. _____, 0896, Clerk-Typist II.....	N	2 640
6. August Kosowski, 0897, Senior Laboratory Mechanic.....	N	5 880
7. Janice M. Bristow, 0893, Secretary (Stenographic).....	N	4 230
8. Robert W. Hinton, 0892, Storekeeper.....	N	<u>4 770</u>
<i>Total, Zoology</i>		<u>\$30 887</u>

Cooperative Investigations

U.S. PUBLIC HEALTH SERVICE H 2775

Account Number 46-32-79-367

1. Kristina Hedengren, 7656, Scientific Analyst..... N \$ 3 900

Natural History Museum

Account Number 00-32-86-100

1. Dorothy M. Smith, 6511, Assistant to Museum Curator.. N60 \$ 2 640

2. _____, 0900, Clerk-Stenographer II..... N50 1 500

3. Harry C. Henriksen, 6792, Museum Preparator..... N 5 520

Total, Natural History Museum..... \$ 9 660**COLLEGE OF PHYSICAL EDUCATION****Administration**

Account Number 00-36-01-100

1. _____, Clerk-Stenographer I..... G50 \$ 1 080
(Nine months)

2. Leona Alexander, 1595, Administrative Secretary (Stenographic) N 5 760

Total, Administration \$ 6 840**Health and Safety Education**

Account Number 00-36-05-100

1. _____, Clerk-Stenographer I..... G50 \$ 900
(Nine months)

2. _____, 1604, Clerk-Stenographer II..... N 2 700

Total, Health and Safety Education..... \$ 3 600**Physical Education for Men**

Account Number 00-36-10-100

1. Woodrow W. Brookey, 1600, Men's Locker Room Attendant..... N \$ 4 980

2. Donald Eason, 1598, Men's Locker Room Attendant.... N 4 890

3. Charles H. Givens, 1596, Men's Locker Room Attendant.. N 4 080

4. Bird W. Trembly, 1606, Clerk-Stenographer II..... N 3 840

5. _____, Clerk-Stenographer II..... G50 900
(Nine months)

6. Bernice E. Sullivan, 1603, Clerk-Stenographer III..... N 4 320

7. Elva Vogel, 5513, Clerk-Typist II..... G63 1 830
(Nine months)

8. _____, 7512, Clerk-Typist II..... N 2 700

9. Ann S. Currie, 1602, Secretary (Stenographic)..... N 4 200

10. _____, 1605, Statistician I..... N 3 480

11. Ruth E. Hatcher, 6098, Medical Technologist II..... N 4 440

Total, Physical Education for Men..... \$39 660**Physical Education for Women**

Account Number 00-36-20-100

1. Mary A. Iles, 1613, Women's Locker Room Attendant... H \$ 2 700

2. Opal Moyer, 1614, Women's Locker Room Attendant... H 2 810

3. Bede C. Pickett, 1612, Women's Locker Room Attendant H 2 950

4. _____, 7178, Clerk-Typist I..... G50 1 080
(Nine months)

5. E. Triandafilidis, 1611, Clerk-Typist II..... N 2 760

6. Phyllis J. Smith, 1610, Secretary (Stenographic)..... N 4 500

Total, Physical Education for Women..... \$16 800**Recreation**

Account Number 00-36-25-100

1. _____, 1607, Clerk-Stenographer II..... N \$ 3 000

2. Dorothy M. Burnett, 1608, Clerk-Stenographer III..... N 3 660

Total, Recreation \$ 6 660

Student Rehabilitation Center**Account Number 00-36-30-100**

1. Fay F. Fergusson, Jr., Equipment Attendant.....	N	\$ 5 000
2. Patricia L. Zeigler, 6515, Clerk-Typist II.....	N	2 880
3. Marietta J. Kirkwood, 1609, Clerk-Typist III.....	N	3 960
<i>Total, Student Rehabilitation Center.....</i>		<u>\$11 840</u>

DIVISION OF UNIVERSITY EXTENSION**Administration****Account Number 00-40-01-400**

1. C. D. McMurry, 1780, Chief Clerk.....	N	\$ 5 760
2. Phyllis I. Edwards, 1783, Clerk-Stenographer III.....	ZN50	1 920
(Total Salary)		(3 840)
3. Marjorie F. Lewis, 1782, Clerk-Stenographer III.....	N	4 320
4. Russell D. Burdette, 1784, Duplicating Machine Operator I	N	2 400
5. Robert J. Silver, 1781, Duplicating Machine Operator III.....	N	4 080
6. Harriett Broom, 1779, Secretary (Stenographic).....	ZN50	3 120
(Total Salary)		(6 240)
<i>Total, Administration</i>		<u>\$21 600</u>

Correspondence Courses**Account Number 00-40-10-100**

1. Sharon L. Johnson, 1799, Clerk-Stenographer III.....	N	\$ 3 510
2. Lynda E. Fallon, 1804, Clerk-Typist I.....	N	2 220
3. Carlene R. May, 1806, Clerk-Typist I.....	N	2 220
4. Nada C. McCartney, 1802, Clerk-Typist II.....	N	2 670
5. Wanda M. Olsen, 1800, Clerk-Typist III.....	N	3 000
6. Shirley B. Weaver, 1801, Clerk-Typist III.....	N	2 940
<i>Total, Correspondence Courses.....</i>		<u>\$16 560</u>

Cooperative Investigations**STATE OF ILLINOIS — PUBLIC SAFETY AND FIRE PREVENTION****Account Number 47-40-15-426**

1. Carolyn L. Cole, 7450, Clerk-Typist I.....	N	\$ 2 670
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Conference Programs**Account Number 00-40-20-400**

1. Louise W. Munson, 1770, Clerk-Typist III.....	ZN80	\$ 3 120
(Total Salary)		(3 900)
<i>Total, Conference Programs.....</i>		<u>\$ 3 120</u>

Short Courses and Conferences Revolving**Account Number 12-40-20-470**

1. Max M. Paris, 1793, Commercial Artist II.....	N	\$ 6 180
2. ———, 6825, Clerk-Stenographer III.....	N	3 180
<i>Total, Short Courses and Conferences Revolving.....</i>		<u>\$ 9 360</u>

Auxiliary — Allerton House Operation**Account Number 18-40-20-784**

1. John L. Cruse, 3118, Clerk-Typist II.....	H	\$ 3 257
2. Louise W. Munson, 1770, Clerk-Typist III.....	ZN20	780
(Perquisites University — one meal)		
3. Edith Allison, 3104, First Cook.....	H	3 331
4. Verdia I. Noe, 3107, Head Cook.....	H	3 696
5. Louise Gadbury, 6159, Second Cook.....	H	2 923
6. Eugene H. Schroth, 5302, Assistant Director of Allerton House.....	ZN82	5 510
(Total Salary)		(6 730)
(Perquisites University — room and board)		
7. Avis Bennett, 7471, Kitchen Helper.....	H	2 432
8. L. Faye Hayes, 3116, Kitchen Helper.....	H	2 819

9. Hildred F. Pirtle, 3108, Kitchen Helper.....	H	2 338
10. Mary H. Brooks, 3113, Housekeeper.....	H	3 289
11. Jessie Lyons, 4909, Housekeeper.....	H	3 289
12. Melvin L. Imel, 1772, Kitchen Laborer.....	H	2 880
13. Dean J. Berry, 6603, Building Mechanic.....	ZN50	2 310
(Total Salary)		(4 620)
14. Monroe L. Robinson, 6604, Building Mechanic.....	ZN50	2 310
(Total Salary)		(4 620)
Total, Auxiliary—Allerton House Operation.....		\$41 164

Allerton Main House

Account Number 44-40-20-401

1. Eugene H. Schroth, 5302, Assistant Director of Allerton House.....	ZN18	\$ 1 220
2. Leland Gale, 1775, Houseman.....	N	3 120
3. Dean J. Berry, 6603, Building Mechanic.....	ZN50	2 310
4. Monroe L. Robinson, 6604, Building Mechanic.....	ZN50	2 310
Total, Allerton Main House.....		\$ 8 960

Police Training Institute

Account Number 00-40-22-400

1. Betty D. Holzinger, 7128, Clerk-Stenographer II.....	N	\$ 2 700
Total, Police Training Institute.....		\$ 2 700

Extramural Classes

Account Number 00-40-30-400

1. Janette H. Durr, 1787, Clerk-Stenographer II.....	N	\$ 2 820
2. Dorothy J. Dewhirst, 3119, Clerk-Stenographer III.....	N	3 390
3. Betty A. Sereno, 1788, Clerk-Stenographer III.....	N	3 300
4. Eleanor M. Sovereign, 1786, Clerk-Stenographer III.....	N	3 900
5. Dorothea F. Will, 1785, Clerk-Stenographer III.....	N	3 660
Total, Extramural Classes.....		\$17 070

Field Staff

Account Number 00-40-40-400

1. Lillian D. Asselmeier, 7129, Clerk-Typist II.....	N50	\$ 1 590
2. Wilma B. Leefers, 7127, Clerk-Typist II.....	N50	1 710
Total, Field Staff.....		\$ 3 300

Music Extension

Account Number 00-40-50-400

1. Robert L. Schaefer, 5578, Music Extension Autographer..	N	\$ 6 870
2. Marilyn L. Spitze, 1790, Clerk-Stenographer III.....	N	3 480
3. Margo M. Majer, 7275, Clerk-Typist I.....	N	2 400
Total, Music Extension.....		\$12 750

Audio-Visual Aids

Account Number 00-40-60-400

1. Merle B. Mooney, 1792, Clerk-Stenographer III.....	N	\$ 3 660
Total, Audio-Visual Aids.....		\$ 3 660

Graphic Arts Revolving

Account Number 12-40-60-470

1. Mary M. Lee, 1796, Clerk III.....	N	\$ 3 390
2. Robert F. Adams, 7495, Chief Clerk.....	N	4 140
3. Florence Nesler, 6258, Typing Clerk II.....	N	3 300
4. Mercedes Swisher, 1798, Typing Clerk II.....	N	2 550
5. Deloras I. Griffet, 5521, Clerk-Typist I.....	N	2 280
6. Patricia A. Rear, 5529, Clerk-Typist I.....	N	2 640
7. Dorothy J. Willfong, 7483, Clerk-Typist I.....	N	2 280
8. Mary F. Holmstrand, 7482, Clerk-Typist II.....	N	2 820
9. Hildreth K. Johnson, 6171, Clerk-Typist II.....	N	2 970
10. Delores A. Stoerger, 1797, Clerk-Typist II.....	N	2 850

11. —————, 7387, Clerk-Typist II.....	N	2 400
12. Ronald G. Bradley, 6622, Audio-Visual Aids Technician I..	N	2 700
13. Paul B. Bruns, 5598, Audio-Visual Aids Technician I....	N	3 120
14. Virgil R. Martin, 5602, Audio-Visual Aids Technician I..	N	2 820
15. Charles D. Plotner, 6621, Audio-Visual Aids Technician I	N	2 820
16. Ralph E. Specht, 6619, Audio-Visual Aids Technician I..	N	2 700
17. Paul V. Trinkle, 6623, Audio-Visual Aids Technician I... N		2 940
18. Kenneth J. West, 7221, Audio-Visual Aids Technician I..	N	2 940
19. Donald E. Coffey, 5860, Audio-Visual Aids Technician II..	N	3 540
20. Marion F. Hulmes, 5643, Audio-Visual Aids Technician II	N	3 660
21. Ralph E. McDonald, 6680, Audio-Visual Aids Technician		
III.....	N	4 680
<i>Total, Graphic Arts Revolving.....</i>		<u>\$63 540</u>

COLLEGE OF VETERINARY MEDICINE

Administration

Account Number 00-44-01-100

1. Raymond T. Hamilton, 1626, Scientific Laboratory Technical Assistant	N	\$ 6 100
2. Jack V. Washburn, 1627, Scientific Laboratory Technical Assistant.....	N	6 100
3. Kathryn B. Humphrey, 1634, Assistant Laboratory Attendant.....	N	3 300
4. Mary V. Rasner, 1635, Assistant Laboratory Attendant..	N	3 330
5. Anna S. Ray, 1633, Junior Laboratory Attendant.....	N	3 900
6. Alfred C. Hunt, 1638, Senior Laboratory Attendant.....	N	4 440
7. Mona B. Jervis, 1629, Senior Laboratory Attendant.....	N	4 500
8. William R. Manuel, 1631, Senior Laboratory Attendant..	N	4 710
9. Rachel Marlowe, 1628, Senior Laboratory Attendant....	N	4 860
10. Robert B. Curry, 6669, Animal Caretaker.....	N	4 620
11. James Huber Davis, 1639, Animal Caretaker.....	N	4 620
12. Paul Reynolds, 1637, Animal Caretaker.....	N	4 750
13. Stanley E. Vaughn, 1630, Animal Caretaker.....	N	4 080
14. Don W. Wack, 5445, Animal Caretaker.....	N	4 620
15. Albert E. Wolfe, 1636, Animal Caretaker.....	N	4 620
16. Doris M. Richards, 1622, Typing Clerk III.....	ZN88	3 650
(Total Salary)		(4 200)
17. Barbara K. McCoy, 5113, Clerk-Stenographer I.....	N	2 760
18. Marvene W. Blackmore, 1625, Clerk-Stenographer II....	N	3 060
19. Gloria A. Matthews, 1623, Clerk-Stenographer II.....	N	3 060
20. Beverly A. Seward, 1619, Clerk-Stenographer II.....	N	2 700
21. Beulah L. Nave, 1621, Clerk-Typist II.....	N	2 820
22. Helen V. Olson, 6940, Junior Illustrator.....	N ⁵⁰	2 100
23. —————, 1618, Secretary (Stenographic).....	N	4 020
24. Blanche H. Hamilton, 1617, Secretary (Stenographic)...	N	6 060
25. Carrie McGreevy, 1616, Administrative Secretary (Stenographic)	N	7 500
<i>Total, College of Veterinary Medicine.....</i>		<u>\$106 340</u>

Cooperative Investigations

U.S. PUBLIC HEALTH SERVICE E 2084

Account Number 46-44-01-366

1. Doris M. Richards, 1622, Typing Clerk III.....	ZN12	\$ 550
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Veterinary Clinical Medicine

Veterinary Clinic Revolving

Account Number 12-44-20-270

1. Sue A. Sadler, 6733, Clerk-Stenographer II.....	N	\$ 3 360
2. Rosaleen M. Knapp, 1620, Clerk-Typist II.....	N	3 480
3. Dorothy R. Severson, 1624, Clerk-Typist II.....	N	2 880
<i>Total, Veterinary Clinic Revolving.....</i>		<u>\$ 9 720</u>

Veterinary Pathology and Hygiene**Cooperative Investigations**

U.S. PUBLIC HEALTH SERVICE E 2141

Account Number 46-44-30-365

1. R. W. Anderson, 0921, Senior Laboratory Attendant.....	ZN25	\$ 1 125
(Total Salary)		(4 500)

ARMED FORCES**Air Force Science**

Account Number 00-50-10-100

1. M. Loraine Royce, 5052, Clerk-Stenographer II.....	N	\$ 3 480
2. Gloria E. Roberts, 7208, Clerk-Typist I.....	N ₅₀	1 500
3. Betty L. Kuykendall, 1818, Clerk-Typist II.....	N	2 730
Total, Air Force Science.....		\$ 7 710

Military Science and Tactics

Account Number 00-50-30-100

1. Josephine M. Murphy, 1812, Clerk-Stenographer I.....	N	\$ 3 540
2. Barbara J. Powell, 1811, Clerk-Stenographer II.....	N	2 940
3. Marie Doyle, 1808, Secretary (Stenographic).....	N	5 880
Total, Military Science and Tactics.....		\$12 360

Naval Science

Account Number 00-50-40-100

1. Joan I. Haynes, 1816, Clerk-Stenographer III.....	N	\$ 3 300
Total, Naval Science.....		\$ 3 300

INSTITUTE OF AVIATION

Account Number 00-52-10-100

1. Vern H. Pittman, 1821, Head Airport Caretaker.....	N	\$ 6 600
(Perquisites University — house)		
2. Glenna Griffith, 1841, Clerk III.....	N	3 720
3. Linda J. Johnson, 1844, Clerk-Stenographer II.....	N	2 820
4. Mary O. Jordan, 1842, Clerk-Stenographer III.....	N	4 110
5. Ruth L. Fiscus, 1843, Clerk-Typist II.....	N	3 210
6. Bonnie K. Gallagher, 7457, Clerk-Typist II.....	N ₅₀	1 500
7. ———, Clerk-Typist II.....	N ₅₀	1 500
8. Forrest L. Lancaster, 1819, Aircraft Maintenance Engineer.....	N	11 050
9. F. B. Schaber, 1820, Aircraft Shop Foreman.....	N	8 550
10. Anderson B. Clark, 3125, Laborer.....	P	(5 638)
11. Paul J. Eckstein, 3126, Laborer.....	P	(5 325)
12. Elmer J. Kleiss, 3124, Laborer.....	P	(5 638)
13. Orville C. Pittman, 3127, Laborer.....	P	(5 325)
14. Alvin F. Schaefer, 3129, Laborer.....	P	(5 638)
15. Chester C. Summers, 3130, Laborer.....	P	(5 325)
16. Marion F. Thomas, 3131, Laborer.....	P	(5 325)
17. Russell J. Yeazel, 3132, Laborer.....	P	(5 325)
18. Joe L. Collins, 1838, Lineman.....	N	5 160
19. Robert E. Fryer, 1836, Lineman.....	N	5 160
20. Owen G. Gilbert, 1835, Lineman.....	N	5 400
21. Joseph L. Miller, 1832, Lineman.....	N	5 400
22. Harry T. Demeris, 1833, Chief Lineman.....	N	5 980
23. Floyd W. Bowerman, 1825, Master Aircraft and Aircraft Engine Mechanic	N	7 080
24. John T. Pringle, 1826, Master Aircraft and Aircraft Engine Mechanic	N	7 080
25. Robert L. Deshazo, 1831, Junior Aircraft Maintenance Mechanic.....	N	6 000
26. Raymond E. Anderson, 1828, Senior Aircraft Maintenance Mechanic.....	N	6 630
27. Milton C. Bates, 1822, Master Airport Mechanic.....	N	7 230
28. Wayne Mandrell, 1823, Master Airport Mechanic.....	N	7 170

29. Leonard R. Rexroad, 1824, Master Airport Mechanic....	N	6 900
30. William W. Brooks, 1827, Master Aircraft Instrument Repairman.....	N	7 020
31. Gertrude C. Becker, 1839, Administrative Secretary (Stenographic).....	N	7 500
32. C. E. Horn, 1840, Storekeeper.....	N	5 160
<i>Total, Institute of Aviation.....</i>		<u>\$137 930</u>

Airport Revolving

Account Number 12-52-10-270

1. Richard H. Walling, 7004, Flight Assistant.....	N90	\$ 4 800
2. Joan E. Reynolds, 7414, Clerk III.....	N	3 240
3. Walter Schroeder, 3120, Driver.....	P	(5 610)
4. Glen W. Shipley, 3121, Driver.....	P	(5 610)
5. John M. Shott, 3122, Driver.....	P	(5 610)
6. Dickie D. Schwabe, 1830, Aircraft Maintenance Mechanic Helper.....	N	3 180
7. Darwin D. Zachay, 1829, Junior Aircraft Maintenance Mechanic.....	N	6 000
8. Gordon J. Willenbring, 6673, Master Aircraft Radio Repairman.....	N	5 820
<i>Total, Airport Revolving.....</i>		<u>\$23 040</u>

INSTITUTE OF GOVERNMENT AND PUBLIC AFFAIRS

Account Number 00-56-10-300

1. Laura E. Duncan, 3133, Clerk-Typist II.....	N	\$ 3 210
2. Sharon M. Dallas, 5115, Clerk-Typist II.....	N50	1 380
3. Doris E. Falk, 1847, Secretary (Stenographic).....	N	4 560
<i>Total, Institute of Government and Public Affairs.....</i>		<u>\$ 9 150</u>

INSTITUTE OF LABOR AND INDUSTRIAL RELATIONS

Account Number 00-60-10-300

1. Eugene E. Brott, 1850, Editorial Assistant.....	N50	\$ 1 920
2. Maxine Haworth, 1852, Administrative Clerk.....	N	6 750
3. Sandra L. Rockhold, 1861, Clerk-Stenographer II.....	N	3 120
4. Patricia A. Schuyler, 1857, Clerk-Stenographer II.....	N	3 000
5. Dorothy E. Parker, 1856, Clerk-Stenographer III.....	N	3 420
6. Beverly Jean Creek, 1863, Clerk-Typist I.....	N	2 340
7. Mary J. Duitsman, 1862, Clerk-Typist II.....	N	2 400
8. Jo Ann Block, 1859, Clerk-Typist III.....	N	3 180
9. Beverly L. Brockway, 1860, Clerk-Typist III.....	N	2 940
10. Anice J. Duncan, 1855, Clerk-Typist III.....	N	4 140
11. Mary L. Murray, 1853, Secretary (Stenographic).....	N	5 250
<i>Total, Institute of Labor and Industrial Relations.....</i>		<u>\$38 460</u>

SCHOOL OF SOCIAL WORK

Account Number 00-68-10-100

1. Gertrud A. Dunskus, 5268, Clerk-Stenographer III.....	N	\$ 3 600
2. Linda L. Swanik, 1878, Clerk-Stenographer III.....	N	3 420
3. Marion D. Gilbert, 7617, Clerk-Typist II.....	ZN30	780
(Total Salary)		(2 580)
4. Julia B. Maszota, 5371, Secretary (Stenographic).....	N	4 440
5. Jo Schmalhausen, 1877, Administrative Secretary (Stenographic).....	N	7 500
<i>Total, School of Social Work.....</i>		<u>\$19 740</u>

Cooperative Investigations

U.S. PUBLIC HEALTH SERVICE 2M6552

Account Number 46-68-10-365

1. Ruby Collins, Clerk-Typist III.....	N	\$ 3 600
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U.S. PUBLIC HEALTH SERVICE 2M 6344

Account Number 46-68-10-166

1. Marion D. Gilbert, 7617, Clerk-Typist II.....	ZN70	\$ 1 800
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DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

Account Number 00-70-10-100

1. Beverly A. Bailey, 1882, Clerk-Stenographer II.....	N	\$ 2 700
<i>Total, Division of Special Services for War Veterans..</i>		<u>\$ 2 700</u>

SUMMER SESSION**Administration**

Account Number 00-72-01-100

1. Phyllis I. Edwards, 1778, Clerk-Stenographer III.....	ZN50	\$ 1 920
(Total Salary)		(3 840)
2. Harriett Broom, 1777, Secretary (Stenographic).....	ZN50	3 120
(Total Salary)		(6 240)
<i>Total, Administration</i>		<u>\$ 5 040</u>

UNIVERSITY PRESS

Account Number 00-78-10-400

1. Janet A. Binkley, 5540, Editorial Assistant.....	N	\$ 4 500
2. Jane C. Papageorgis, 1702, Editorial Assistant.....	N	3 810
3. Elizabeth G. Dulany, 7798, Assistant to Editor.....	N	4 800
4. Rachel E. Edwards, 1704, Clerk III.....	N	3 660
5. ———, 1706, Clerk-Typist II.....	N	2 520
6. ———, 1705, Clerk-Typist II.....	ZN50	1 323
(Total Salary)		(2 520)
7. Vivian M. Sadewater, 5091, Clerk-Typist III.....	N	3 660
8. Lois I. Buescher, 1703, Secretary (Stenographic).....	N	4 230
<i>Total, University Press.....</i>		<u>\$28 503</u>

Art Service

Account Number 09-78-10-902

1. Charles T. Flora, 6409, Commercial Artist I.....	N75	\$ 3 600
2. Raymond L. Slanker, 1728, Commercial Artist I.....	N	5 400
3. ———, 3099, Commercial Artist I.....	N	2 880
4. ———, 7379, Commercial Artist I.....	N	3 600
5. F. Wade Harris, 1730, Commercial Artist II.....	N	6 100
6. Alice I. Parker, 1732, Assistant to Art Editor.....	N	3 600
7. ———, 5788, Assistant Art Editor.....	N	7 500
<i>Total, Art Service.....</i>		<u>\$32 680</u>

Mailing Service

Account Number 09-78-10-952

1. Warren H. Maclin, 7747, Distribution Clerk.....	N	\$ 3 000
2. Thomas A. McGreevey, 6898, Distribution Clerk.....	N	3 060
3. G. Bernice Griffet, 1726, Typing Clerk II.....	N	2 400
4. Marjorie R. McKinney, 5255, Typing Clerk II.....	N	2 580
5. R. K. Lumsden, 1718, Mailing Service Foreman.....	N	5 970
6. Susan M. Canull, 1723, Office Appliance Operator I.....	N	2 400
7. Barbara S. Earl, 1722, Office Appliance Operator I.....	N	2 280
8. Bonnie M. Johnson, 3098, Office Appliance Operator I....	N	2 220
9. ———, 1725, Office Appliance Operator I.....	N	2 220
10. ———, 1724, Office Appliance Operator I.....	N	2 220
11. Norman E. Lasater, 7372, Storekeeper.....	N	4 080
<i>Total, Mailing Service.....</i>		<u>\$32 430</u>

Print Shop

Account Number 09-78-10-968

1. Henderikus Noorman, 3064, Accountant I.....	H	\$ 6 000
2. Myrtle Dorsett, 7014, Bookbindery Assistant.....	P	2 880
3. Dale Green, 3076, Bookbindery Assistant.....	P	4 719
4. Richard A. Mattlin, 3073, Bookbindery Assistant.....	P	3 111
5. ———, 5301, Bookbindery Assistant.....	P	2 297
6. Leona S. Eckersley, 1709, Senior Printing Assistant.....	P	6 118
7. Lillian A. Slavens, 1715, Clerk III.....	H	4 140
8. Malcolm G. Davis, 3078, Compositor.....	P	6 118

9. John A. Fiscus, 3082, Compositor.....	P	4 614
10. Carl G. Kibler, 5097, Compositor.....	P	3 132
11. Wayne Phelps, 5491, Compositor.....	P	6 118
12. James L. Ragle, 4906, Compositor.....	P	6 118
13. Robert W. Thomas, 3079, Compositor.....	P	6 118
14. ———, 3081, Compositor.....	P	4 698
15. ———, 3080, Compositor.....	P	5 752
16. P. Dianne Smith, 3066, Copyholder.....	P	2 610
17. Ralph R. Franklin, 3067, Bookbindery Foreman.....	P	6 995
18. James S. Wendell, 3096, Cylinder Pressroom Foreman...	P	6 789
19. Seaward H. Dalton, 3086, Job Pressroom Foreman.....	P	7 287
20. Keith E. Fouts, 3095, Photo Offset Foreman.....	P	7 893
21. Robert A. Black, 3092, Linotype Operator.....	P	6 723
22. George Cloyd, 3090, Linotype Operator.....	P	6 452
23. C. R. Mallory, 3093, Linotype Operator.....	P	6 723
24. Carl G. Muesing, 3091, Linotype Operator.....	P	6 118
25. Glenn W. Schmidt, 3094, Monotype Combination Operator	P	6 723
26. Armand D. Boucher, 3084, Cylinder Pressman.....	P	6 118
27. John D. Dorsett, 3140, Cylinder Pressman.....	P	4 802
28. William W. Hire, 3085, Cylinder Pressman.....	P	6 118
29. Chester Hunt, 5383, Cylinder Pressman.....	P	4 907
30. ———, 3087, Cylinder Pressman.....	P	6 118
31. Fred H. Marshky, 3097, Combination Offset Pressman and Plate Maker	P	4 802
32. Charles D. Ellis, 1677, Senior Combination Offset Press- man, Cameraman, and Plate Maker.....	P	6 118
33. John C. Opolka, 6645, Senior Combination Offset Press- man, Cameraman, and Plate Maker.....	P	6 118
34. Barbara Richards, 1712, Junior Proofreader.....	P	3 675
35. Alice Stowe, 5339, Junior Proofreader.....	P	3 675
36. ———, 1714, Junior Proofreader.....	P	3 675
37. Lorolive S. Delk, 1710, Senior Proofreader.....	P	5 950
38. R. C. Dalbey, 1707, Assistant Superintendent of Print Shop.....	P	8 352
39. Billie C. Gilfillan, 3072, Bookbindery Worker.....	P	5 920
40. Dean W. Graves, 3070, Bookbindery Worker.....	P	6 201
41. Kathryn Graves, 3071, Bookbindery Worker.....	P	3 059
42. Helen Rock, 3075, Bookbindery Worker.....	P	3 383
43. ———, 3069, Bookbindery Worker.....	P	2 850
<i>Total, Print Shop.....</i>		<u>\$228 087</u>

University Press Revolving

Account Number 12-78-10-470

1. ———, 1705, Clerk-Typist II.....	ZN50	\$ 1 260
<i>Total, University Press Revolving.....</i>		<u>\$ 1 260</u>

INTERNATIONAL COOPERATION PROGRAMS

Account Number 45-79-10-440

U.S.—India North Central Region

Account Number 46-79-10-444

1. Martha L. Jones, 6507, Clerk-Typist II.....	ZN50	\$ 1 260
(Total Salary)		(2 520)
2. Mary M. Miller, 6779, Clerk-Stenographer II.....	N	3 030
3. Shirley R. Lovenguth, 6332, Clerk-Stenographer III.....	N	3 660
<i>Total, U.S.—India North Central Region.....</i>		<u>\$ 7 950</u>

LIBRARY AND GRADUATE SCHOOL OF LIBRARY SCIENCE

Graduate School of Library Science

Account Number 00-80-05-100

1. Betty L. Black, 1657, Clerk-Stenographer III.....	N	\$ 3 300
2. Peggy J. Apperson, 1654, Clerk-Typist II.....	N	2 520

3. Bernice B. Montgomery, 1656, Clerk-Typist II.....	N	2 850
4. Helen I. Knights, 1653, Secretary (Stenographic).....	N	6 150
<i>Total, Graduate School of Library Science.....</i>		<u>\$14 820</u>

Library Trends Revolving

Account Number 12-80-05-146

1. Janet C. Phillips, 5127, Editorial Assistant.....	N	\$ 4 500
<i>Total, Library Trends Revolving.....</i>		<u>\$ 4 500</u>

Library**Administration**

Account Number 00-80-10-500

1. Winfred J. Rasmussen, 1891, Clerk I.....	N	\$ 2 700
2. Allen Rivers, Jr., 6671, Distribution Clerk.....	N	3 750
3. Rita A. Becker, 1889, Clerk-Typist III.....	N	2 820
4. Pearl M. Stovall, 1888, Clerk-Typist III.....	N	3 210
5. Clarabelle Gunning, 1887, Secretary (Stenographic).....	N	6 270
6. Charles K. Gifford, 1886, Storekeeper.....	N	5 010
<i>Total, Administration</i>		<u>\$23 760</u>

MICROFILM REVOLVING

Account Number 12-80-10-552

1. Mardelle J. Austin, 1938, Photographic Technician I.....	N	\$ 2 760
<i>Total, Microfilm Revolving.....</i>		<u>\$ 2 760</u>

Acquisition Department

Account Number 00-80-20-500

1. E. Ruth Lashley, 1902, Library Clerk II.....	N	\$ 3 000
2. Pauline McDaniel, 6465, Accounting Clerk II.....	N	3 930
3. Merle B. Ferris, 6130, Library Clerk II.....	N	2 700
4. Betty A. Gard, 1898, Library Clerk II.....	N ⁵⁰	1 350
5. Tinsie E. Ponder, 1906, Library Clerk II.....	N	2 850
6. Evelyn A. Smith, 1895, Library Clerk II.....	N	2 730
7. ———, 1904, Library Clerk II.....	N	2 520
8. Mary J. Camp, 6423, Library Clerk III.....	N	3 120
9. Ellen Smith, 1894, Library Clerk III.....	N	3 600
10. ———, 5503, Library Clerk III.....	N	2 820
11. Tiitu Pessa, 1903, Chief Library Clerk.....	N	3 900
12. Violet L. Wilkey, 1892, Chief Library Clerk.....	N	4 500
13. Alice M. Andrews, 1901, Clerk-Typist II.....	N	3 090
14. Laverne M. Dillon, 1900, Clerk-Typist II.....	N	3 000
15. Bernice K. Skinner, 5374, Clerk-Typist II.....	N	2 400
16. Leslie W. Dunning, 1937, Photographer I.....	N	4 500
<i>Total, Acquisition Department.....</i>		<u>\$50 010</u>

Catalog Department

Account Number 00-80-30-500

1. Roselyn A. Blum, 1912, Library Clerk II.....	N	\$ 2 670
2. Bernice L. Brightwell, 5463, Library Clerk II.....	N ⁵⁰	1 560
3. Kathy Garman, 7125, Library Clerk II.....	N	2 640
4. Marcia L. Jetton, 1911, Library Clerk II.....	N	2 640
5. Patricia T. Prine, 1924, Library Clerk II.....	N	2 640
6. Elizabeth J. Sweet, 1921, Library Clerk II.....	N	2 640
7. Highland Wiseman, 1927, Library Clerk II.....	N	3 090
8. ———, 1926, Library Clerk II.....	N	2 400
9. Lucile R. Carter, 1918, Library Clerk III.....	N	3 630
10. Ruth E. English, 1917, Library Clerk III.....	N	3 060
11. Harriet L. Mason, 1919, Library Clerk III.....	N	3 660
12. Marguerite Lawrence, 5377, Chief Library Clerk.....	N	4 860
13. Shirley K. Perry, 1915, Chief Library Clerk.....	N	4 860
14. Carol S. Beck, 1935, Clerk-Typist II.....	N	2 640
15. Janice E. Finney, 1932, Clerk-Typist II.....	N	2 580

16. Ida E. Jones, 1931, Clerk-Typist II.....	N	2 550
17. Frances E. Jeffers, 5320, Clerk-Typist II.....	N	2 520
18. ———, 1930, Clerk-Typist II.....	N	2 730
19. ———, 1934, Clerk-Typist II.....	N	2 730
20. Eula Clanton, 1929, Clerk-Typist III.....	N	3 600
21. Edna D. Duce, Clerk-Typist III.....	N	3 000
22. Harold V. Bridgewater, 7361, Duplicating Machine Operator I	N	2 700
23. Ernest W. Taylor, 6083, Duplicating Machine Operator III	N	4 200
<i>Total, Catalog Department.....</i>		<u>\$69 600</u>

Serials Department

Account Number 00-80-35-500

1. Betty J. Albert, 1899, Library Clerk II.....	N	\$ 2 910
2. Evelyn M. Coleman, 1928, Library Clerk II.....	N	2 760
3. Carmen I. Ebersole, 1916, Library Clerk II.....	N	2 910
4. Doris H. Freeman, 6254, Library Clerk II.....	N	2 700
5. Jacquelyn L. Huffaker, 1914, Library Clerk II.....	N	2 700
6. Ruth J. Williams, 1896, Library Clerk II.....	N	2 580
7. ———, 1909, Library Clerk II.....	N	2 640
8. ———, 1925, Library Clerk II.....	N	2 700
9. ———, 1913, Library Clerk II.....	N	3 000
10. Barbara A. Bergan, 1905, Library Clerk III.....	N	3 000
11. Thelma Berry, 1922, Library Clerk III.....	N	3 300
12. Mae E. Beshers, 1910, Library Clerk III.....	N	3 630
13. Nina A. Fox, 1920, Library Clerk III.....	N	3 360
14. Carolyn Jane Gammon, 5857, Library Clerk III.....	N	2 940
15. Winifred L. Meece, 1897, Library Clerk III.....	N	3 540
16. ———, Library Clerk III.....	N	2 700
17. ———, Library Clerk III.....	N	2 700
18. Margaret E. Lyons, 5644, Chief Library Clerk.....	N	4 890
<i>Total, Serials Department.....</i>		<u>\$54 960</u>

Circulation Department

Account Number 00-80-40-500

1. Lee A. Bartley, 1949, Library Clerk II.....	N50	\$ 1 380
2. Joyce E. Basham, 1947, Library Clerk II.....	N	2 730
3. Janet K. Bundy, 1943, Library Clerk II.....	N	2 730
4. Mary D. Hanley, 5324, Library Clerk II.....	N50	1 410
5. Charles S. Longley, 1944, Library Clerk II.....	N75	2 040
6. Kathleen L. O'Brien, 1942, Library Clerk II.....	N50	1 350
7. Sandra A. M. Oliver, 1946, Library Clerk II.....	N	2 730
8. Allene D. Schroeder, 1945, Library Clerk II.....	N50	1 290
9. Walter H. Slack, 5245, Library Clerk II.....	N	2 520
10. ———, 1908, Library Clerk II.....	N	2 520
11. Patricia M. Hougas, 5241, Library Clerk III.....	N	3 030
12. Harriet C. Lyon, 1948, Chief Library Clerk.....	N	4 890
13. Lucy T. Hamada, 6798, Clerk-Typist II.....	N	2 670
14. ———, 6785, Clerk-Typist.....	N	2 760
<i>Total, Circulation Department.....</i>		<u>\$34 050</u>

Departmental Libraries

Account Number 00-80-50-500

1. Winifred M. Baum, 1957, Library Clerk II.....	N	\$ 2 760
2. Marjorie J. Bergstrom, 6770, Library Clerk II.....	N	2 640
3. Sharon J. Bilbrey, 1963, Library Clerk II.....	N	2 640
4. Nancy B. Bier, 6764, Library Clerk II.....	N50	1 560
5. Era M. Blakney, 1959, Library Clerk II.....	N	2 400
6. Helen C. Dybvig, 6422, Library Clerk II.....	N	2 880
7. Sharon S. Gear, 1954, Library Clerk II.....	N50	1 260
8. Barbara A. Gibson, 3054, Library Clerk II.....	N	2 460
9. Elaine R. Hill, 1962, Library Clerk II.....	N50	1 560
10. Efrosini John, 1961, Library Clerk II.....	N	2 640

11. Bonnie F. Johns, 3135, Library Clerk II.....	N	2 520
12. Delight U. Meersman, 1953, Library Clerk II.....	N	2 700
13. Carol Q. Michler, 7197, Library Clerk II.....	N	2 520
14. Dorothy N. Peters, 1960, Library Clerk II.....	N	2 940
15. Jeannette P. Reinvald, 1969, Library Clerk II.....	N	2 670
16. Rosemary A. Rowe, 5375, Library Clerk II.....	N	2 760
17. Elizabeth A. Schiltz, 1964, Library Clerk II.....	N	2 520
18. Helen J. Shierry, 1958, Library Clerk II.....	N	3 000
19. Marjorie C. Stevenson, 1956, Library Clerk II.....	N	2 760
20. Jacquelyn A. Swanson, 1966, Library Clerk II.....	N	2 640
21. Ruth E. Talbott, 1972, Library Clerk II.....	N	2 640
22. Julius C. Thornton, 5300, Library Clerk II.....	N	2 760
23. Dagmar E. Weill, 1950, Library Clerk II.....	N	2 640
24. Grace M. Yeatter, 1955, Library Clerk II.....	N	3 390
25. ———, 1952, Library Clerk II.....	N	2 460
26. ———, 1965, Library Clerk II.....	N	2 700
27. ———, Library Clerk III.....	N	3 000
28. Nancy L. Jenne, 1968, Chief Library Clerk.....	N	4 500
29. Carole B. Bettinger, 6454, Clerk-Typist II.....	N	2 520
30. ———, 6288, Clerk-Typist II.....	N	2 610
<i>Total, Departmental Libraries.....</i>		<u>\$79 050</u>

Reference Department

Account Number 00-80-60-500

1. Pauline M. Cavitt, 6195, Library Clerk II.....	N	\$ 2 640
2. ———, 1967, Clerk-Typist II.....	N	2 460
<i>Total, Reference Department.....</i>		<u>\$ 5 100</u>

PHYSICAL PLANT**Administration**

Account Number 00-82-01-600

1. Ivan N. Anderson, 1983, Accountant I.....	N	\$ 5 310
2. Clyde B. Roberts, 1981, Accountant III.....	N	8 250
3. E. S. Sefcik, 7097, Assistant to Director of Physical Plant	N	10 000
4. L. G. Hernecheck, 1980, Assistant to Superintendent of Buildings and Grounds.....	N	12 000
5. S. Alice Deck, 1978, Clerk II.....	N	3 180
6. Edna S. McBride, 1991, Clerk II.....	N	2 670
7. Patricia S. White, 1990, Clerk II.....	N	2 670
8. Agnes Burke, 1986, Clerk III.....	N	4 020
9. Thelma Graf, 1976, Clerk III.....	N	4 080
10. Beverly J. Brownfield, 1987, Chief Clerk.....	N	4 980
11. Mabel W. Cordes, 6591, Payroll Clerk II.....	N	3 180
12. Edith J. McBride, 1985, Clerk III.....	N	5 490
13. Judith D. Betsworth, 1979, Clerk-Stenographer II.....	N	3 180
14. Nancy K. Gordon, 1995, Clerk-Stenographer II.....	N	3 000
15. Janet S. Sanders, 2081, Clerk-Stenographer I.....	N	2 700
16. Carol S. Bailey, 5519, Clerk-Stenographer III.....	N	3 600
17. Viola K. Williams, 1993, Clerk-Typist II.....	N	3 120
18. Nancy A. Forsyth, 2090, Bookkeeping Machine Operator I	N	2 400
19. Kathryn G. Pfister, 1999, Bookkeeping Machine Operator I.....	N	2 790
20. Darlene A. Dodd, 1989, Bookkeeping Machine Operator II	N	3 000
21. Mary A. Mason, 1988, Secretary (Stenographic).....	N	5 160
22. Eileen Wilske, 1974, Secretary (Stenographic).....	N	5 910
<i>Total, Administration</i>		<u>\$100 690</u>

Stores — Physical Plant Overhead

Account Number 08-82-01-967

1. Barbara D. Widdows, 2008, Clerk II.....	N	\$ 2 760
2. Nancy S. Bailey, 2009, Clerk III.....	N	3 000
3. Kathleen Foltz, 2010, Clerk III.....	N	4 020

4. James C. Fisher, 2006, Chief Clerk.....	N	5 400
5. Daniel Robinson, 2003, Stores Clerk.....	N	3 720
6. Martha R. Lansky, 5131, Clerk-Typist II.....	N	3 240
7. ———, 2000, Material Expediter.....	N	6 660
8. M. W. Dillman, 2002, Storekeeper.....	N	5 040
9. W. Erwin Hanson, 2004, Storekeeper.....	N	5 040
10. F. T. Helbling, 2005, Storekeeper.....	N	5 040
11. Clifford E. Waller, 2007, Storekeeper.....	N	4 890
12. Don Lee Wolf, 5141, Storekeeper.....	N	4 770
13. M. W. Genung, 2001, Stores Supervisor.....	N	7 320
<i>Total, Stores — Physical Plant Overhead.....</i>		<u>\$60 900</u>

Architectural Overhead

Account Number 09-82-01-002

1. John H. Fung, 6952, Accountant I.....	H	\$ 5 580
2. A. S. Davis, 2057, Associate Architect.....	H	11 300
3. H. Summerfield Day, 7791, Associate Architect.....	H	10 200
4. Robert B. Little, 2062, Associate Architect.....	H	11 250
5. Ben W. Maxwell, 6591, Associate Architect.....	H	11 590
6. C. Hardy Oliver, 6425, Associate Architect.....	H	11 590
7. W. H. Stermer, 2060, Associate Architect.....	H	12 750
8. Raymond G. Johnson, 6949, Senior Architect.....	H	8 220
9. Richard W. Baker, 6937, Accounting Clerk I.....	H	3 420
10. Joyce E. Clark, 2085, Typing Clerk II.....	H	2 580
11. Beverly J. Walter, 7692, Typing Clerk II.....	H	2 940
12. Joan A. Luttrell, 6822, Clerk-Stenographer II.....	H	2 700
13. Carolyn J. Troyer, 2080, Clerk-Stenographer II.....	H	2 700
14. Lavella M. Wrisk, 7501, Clerk-Stenographer II.....	H	2 880
15. Dee W. Frame, 1975, Clerk-Stenographer III.....	H	3 420
16. James A. Babcock, 3158, Draftsman.....	H	4 560
17. George J. Trautmann, 3157, Draftsman.....	H	3 870
18. Eugene H. Anderson, 2078, Architectural Draftsman I... H		4 680
19. Gary F. Hodson, 2077, Architectural Draftsman I.....	H	5 460
20. Raymond E. Lindahl, 2079, Architectural Draftsman I... H		5 820
21. Stephen G. Roman, 2067, Architectural Draftsman I.....	H	5 220
22. ———, 2072, Architectural Draftsman I.....	H ⁵⁰	2 205
23. S. A. Dahlstrom, 2063, Architectural Draftsman II.....	H	9 600
24. Charles Farina, 2069, Architectural Draftsman II.....	H	7 970
25. Geneva P. Fleming, 2071, Architectural Draftsman II.....	H	7 200
26. Kenneth D. Jennings, 2064, Architectural Draftsman II... H		7 950
27. ———, 2074, Architectural Draftsman II.....	H	5 700
28. ———, 2065, Architectural Draftsman II.....	H	7 860
29. J. A. Curtis, 2061, Chief Architectural Draftsman.....	H	10 200
30. Ralph Henneman, Jr., 7767, Architectural Electrical Engineer.....	H	9 870
31. Kenneth E. Gunther, 2066, Architectural Mechanical Engineer.....	H	11 040
32. Darrell E. Ward, 2058, Architectural Mechanical Engineer H		11 040
33. Charles L. Sands, 7608, Architectural Refrigeration and Air Conditioning Engineer.....	H	11 280
34. Robert M. Buchanan, 2068, Architectural Superintendent.. H		9 060
35. Richard R. Gifford, 7080, Architectural Superintendent... H		8 060
36. Elbert L. McDaniel, 6559, Architectural Superintendent.. H		8 260
37. J. G. Schelter, 7328, Architectural Superintendent.....	H	8 000
<i>Total, Architectural Overhead.....</i>		<u>\$268 025</u>

Physical Plant Labor

Account Number 09-82-01-945

1. John C. Ambrose, 5510, Accountant II.....	H	\$ 6 240
2. Don B. Winterbottom, 6391, Space Analyst II.....	H	5 640
3. Dwight E. Slavens, 1996, Clerk III.....	H	4 140
<i>Total, Physical Plant Labor.....</i>		<u>\$16 020</u>

Building Operation

Account Number 00-82-05-600

1. Paul W. Cruikshank, 2012, Assistant to Superintendent of Operations.....	N	\$ 9 090
2. Jack T. Harroun, 6813, Assistant to Superintendent of Operations.....	N	8 220
3. R. S. Chamberlin, 2011, Superintendent of Operations....	ZN33	4 300
(Total Salary)		<u>(12 900)</u>
Total, Building Operation.....		\$21 610

Fire Prevention and Safety

Account Number 00-82-10-600

1. Herbert L. White, 2014, Superintendent of Sanitation and Safety.....	ZN67	\$ 8 000
(Total Salary)		<u>(12 000)</u>
Total, Fire Prevention and Safety.....		\$ 8 000

Police and Watchmen

Account Number 00-82-15-600

1. Joseph E. Blaze, 0484, Supervisor of Security and Traffic	ZN50	\$ 4 905
(Total Salary)		<u>(9 810)</u>
Total, Police and Watchmen.....		\$ 4 905

Building Maintenance

Account Number 00-82-20-600

1. Ramon F. Vogel, 2018, Structural Engineer.....	N	\$12 000
2. Edward A. Cousins, 5806, Building Inspector.....	N	7 800
3. George L. Purcell, 2019, Building Inspector.....	N	7 890
4. E. L. Kemp, 2017, Superintendent of Building Maintenance	N	13 770
Total, Building Maintenance.....		<u>\$41 460</u>

General Maintenance

Account Number 00-82-25-600

1. Helen M. Eisenhour, 2033, Routing Dispatcher II.....	N	\$ 3 150
2. Anna M. Tapp, 2032, Routing Dispatcher II.....	N	3 000
3. Cora L. James, 2030, Routing Dispatcher III.....	N	5 040
4. H. I. Haugaard, 2027, Routing Supervisor.....	N	6 120
Total, General Maintenance.....		<u>\$17 310</u>

Labor—General Maintenance

Account Number 09-82-25-945

1. Donald S. Parry, 2045, Electrical Engineer.....	H	\$ 9 300
2. K. W. Smith, 2041, Mechanical Engineer.....	H	10 980
3. L. E. Douglass, 2021, Project Engineer.....	H	10 380
4. Frank A. Parks, 2022, Project Engineer.....	H	9 720
Total, Labor—General Maintenance.....		<u>\$40 380</u>

Grounds

Account Number 00-82-30-600

1. John Curtis Gabbard, 2036, Operations Engineer.....	ZN33	\$ 3 850
(Total Salary)		<u>(11 550)</u>
2. R. S. Chamberlin, 2011, Superintendent of Operations....	ZN67	8 600
(Total Salary)		<u>(12 900)</u>
Total, Grounds		\$12 450

Labor—Grounds

Account Number 09-82-30-945

1. _____, 2037, Project Engineer.....	H	\$ 8 000
2. Dorothea Williamson, 2089, Landscape Gardener.....	H	5 580
Total, Labor—Grounds		<u>\$13 580</u>

Transportation

Account Number 00-82-35-600

1. John Curtis Gabbard, 2036, Operations Engineer.....	ZN33	\$ 3 850
(Total Salary)		(11 550)
<i>Total, Transportation</i>		\$ 3 850

Car Pool Service

Account Number 09-82-35-912

1. O. L. Fairchild, 6240, Fleet Dispatcher.....	N	\$ 7 500
2. John Curtis Gabbard, 2036, Operations Engineer.....	ZN34	3 850
<i>Total, Car Pool Service</i>		\$11 350

Heat, Light, and Power

Account Number 00-82-40-600

1. Harley E. Lowery, 2048, Operations Clerk.....	N	\$ 4 950
2. Karen L. Bradley, 2031, Clerk-Stenographer II.....	N	2 700
3. Clifford H. Dixon, 5987, Assistant Instrument and Efficiency Engineer	N	6 540
4. James E. Van Reenen, 2044, Assistant Instrument and Efficiency Engineer	N	4 800
5. Theodore A. Bradbury, 2042, Power Plant Mechanical Engineer.....	N	10 980
6. Gordon V. Carlson, 2039, Superintendent of Utilities.....	N	13 770
<i>Total, Heat, Light, and Power</i>		\$43 740

Labor—Heat, Light, and Power

Account Number 09-82-40-945

1. C. C. Andrew, 2023, Architectural Draftsman II.....	H	\$ 8 640
2. Russell Parks, 2029, Engineering Draftsman I.....	H	5 850
3. N. W. Nester, 2020, Civil Engineer.....	H	9 360
4. W. W. Hinshaw, 2040, Electrical Engineer.....	H	12 000
5. B. W. Anderson, 2043, Assistant Electrical Engineer.....	H	9 480
6. George P. Porter, 2046, Mechanical Engineer.....	H	9 510
7. Milton L. Steiner, 2047, Junior Mechanical Engineer.....	H	7 920
8. Leo A. Corby, 2042, Estimator.....	H	9 300
<i>Total, Labor—Heat, Light, and Power</i>		\$72 060

Water Station

Account Number 00-82-45-600

1. Patsy M. Esworthy, 2051, Clerk-Stenographer II.....	N	\$ 3 240
2. Herbert L. White, 2014, Superintendent of Sanitation and Safety.....	ZN33	4 000
(Total Salary)		(12 000)
<i>Total, Water Station</i>		\$ 7 240

Reservations and Information

Account Number 00-82-66-600

1. C. E. Wertz, 2683, Assistant to Director of Illini Union..	ZN25	\$ 1 905
(Total Salary)		(7 620)
2. Francis W. McCullough, 2684, Supervisor of Information	N	5 490
3. Annette J. Thackeray, 2704, Typing Clerk II.....	N	2 910
<i>Total, Reservations and Information</i>		\$10 305

Telephone Service

Account Number 09-82-69-983

1. Lois E. Overmyer, 2710, Clerk III.....	N	\$ 4 200
2. Sandra J. Jimenez, 7820, Card Punch Operator I.....	N	2 400
<i>Total, Telephone Service</i>		\$ 6 600

Architectural Studies for Future Buildings

Account Number 06-82-70-905

1. Dorlis J. Kirchner, Clerk-Stenographer II.....	ZN15	\$ 576
(Total Salary)		(3 840)
<i>Total, Architectural Studies for Future Buildings.....</i>		<i>\$ 576</i>

Auxiliary Enterprises**Residence Halls Administration**

Account Number 18-82-80-700

1. _____, 2828, Accountant II.....	N	\$ 5 550
2. R. F. Hott, 2846, Purchasing Assistant III.....	ZN30	2 370
(Total Salary)		(7 920)
3. Alice S. Hurt, 6161, Assistant to Director of Illini Union	N	7 350
4. Nelle A. Bireline, 2840, Assistant to Manager of Residence Halls.....	N	6 500
(Perquisites University — room and board)		
5. Nancy B. Bishop, 2836, Clerk II.....	N	2 760
6. Rochelle I. Farrey, 2837, Clerk II.....	N	2 940
7. Evelyn M. Grein, 2838, Clerk II.....	N	2 940
8. C. Pearl Johnson, 2832, Clerk II.....	N	2 640
9. Mary C. Keith, 2833, Clerk II.....	N	2 640
10. Annalee J. Smith, 2835, Clerk II.....	N	2 760
11. Mark F. Howell, 2868, Clerk III.....	N	4 200
12. Florence L. Kidder, 2834, Clerk III.....	N	3 510
13. Harryette Mansfield, 5539, Clerk III.....	N	3 360
14. M. Althea Stockwell, 2830, Clerk III.....	N	3 720
15. Wanda M. Whitton, 7687, Clerk III.....	N	3 480
16. Charlotte Wiesinger, 2845, Clerk III.....	N	3 540
17. Donald J. Alberts, 5297, Chief Clerk.....	N	6 400
18. Robert D. Barger, 5558, Chief Clerk.....	N	6 100
19. S. K. Brownfield, 2848, Chief Clerk.....	N	6 120
20. Ann Allen, 2829, Payroll Clerk III.....	N	5 400
21. Leah M. Revell, 2852, Residence Halls Clerk.....	N	2 400
22. M. Lucille Williams, 2853, Residence Halls Clerk.....	N	3 300
23. _____, 2865, Residence Halls Clerk.....	N	2 580
24. _____, 2858, Residence Halls Clerk.....	N	2 520
25. _____, 4894, Residence Halls Clerk.....	N	2 400
26. Erna A. Schluter, 7776, Typing Clerk II.....	N	2 520
27. Leda R. Evert, 2851, Clerk-Stenographer II.....	N	2 820
28. Ann M. Schmucky, 2839, Clerk-Stenographer III.....	N	3 480
29. _____, 2831, Clerk-Stenographer III.....	N	3 360
30. Mildred E. Gones, 7664, Clerk-Typist II.....	N	2 880
31. Barbara N. Sokolowski, 6750, Clerk-Typist II.....	N	3 360
32. Erma J. Waight, 2869, Clerk-Typist III.....	N	3 180
33. Van C. Norman, 2826, Assistant Director of Housing for Maintenance and Construction.....	N	10 200
34. Otto E. Unger, 2841, Assistant Director of Housing for Residence Halls Food Service.....	N	10 200
35. L. L. James, 2844, Housing Maintenance Inspector.....	N	5 580
36. Warren D. Moore, 7441, Housing Maintenance Inspector	N	5 670
37. D. N. Reynolds, 2843, Housing Maintenance Inspector....	N	5 700
38. David B. Stayton, 2872, Housing Maintenance Inspector..	N	5 160
39. William P. Myers, 7725, Assistant Food Service Manager	N	8 400
40. Robert H. Suter, 7694, Housing Business Manager.....	N	8 700
41. Carroll J. Hubble, 7123, Manager of Housing Operations Office.....	N	8 200
(Perquisites University — one meal)		
42. J. D. Barnes, 7672, Manager of Temporary Family Housing.....	N	8 300
43. Ethel W. Grover, 7190, Secretary (Stenographic).....	N	5 040
44. Robert C. Fonner, 2842, Housing Maintenance Supervisor	N	7 050
45. Eugene W. Goldie, 2871, Housing Maintenance Supervisor	N	6 810
<i>Total, Residence Halls Administration.....</i>		<i>\$214 090</i>

Temporary Family Housing

Account Number 18-82-80-748

1. Joan M. Moran, 7036, Clerk II.....	ZN71	\$ 1 800
(Total Salary)		(2 520)
2. Dorothy A. Ward, 7037, Clerk II.....	ZN	2 700
3. Joan C. Waters, 2879, Clerk-Typist II.....	N	2 700
4. Amos Motsinger, 2877, Fire Inspector.....	N	4 350
5. Robert E. Beyers, 2876, Housing Maintenance Inspector..	N	4 410
6. Robert E. Fortney, 2867, Housing Maintenance Inspector	N	4 920
7. Lawrence A. Phillips, 2878, Housing Maintenance Inspector.....	N	4 350
8. Harold E. Wells, Housing Maintenance Inspector.....	N	4 200
9. Cal W. Shull, 2873, Manager of Temporary Family Housing.....	N	6 800
10. Sammy J. Rebecca, 2874, Assistant Manager of Temporary Family Housing	N	5 490
11. Francis W. Good, 2875, Housing Maintenance Supervisor	N	5 940
<i>Total, Temporary Family Housing.....</i>		<u>\$47 660</u>

Trust — Busey-Evans Halls Operation

Account Number 48-82-80-735

1. Carrie Coffman, 2857, Residence Halls Clerk.....	H	\$ 3 060
2. Claude M. Harrell, 7508, Housing Maintenance Inspector..	N	4 680
3. Margaret A. Knight, 2854, Food Production Manager....	N	5 550
(Perquisites University — two meals)		
4. Maxine R. Godfrey, 2855, Assistant Food Production Manager.....	N	4 320
(Perquisites University — two meals)		
<i>Total, Trust — Busey-Evans Halls Operation.....</i>		<u>\$17 610</u>

Trust — Allen Hall Operation

Account Number 48-82-80-736

1. Nadine M. Cook, 3041, Clerk I.....	N	\$ 2 400
2. Marliss J. Byard, 2863, Residence Halls Clerk.....	H	2 400
<i>Total, Trust — Allen Hall Operation.....</i>		<u>\$ 4 800</u>

Trust — Lincoln Avenue Residence Operation

Account Number 48-82-80-737

1. Emma Marshky, 2856, Residence Halls Clerk.....	H	\$ 3 180
2. Ladyne K. Dendy, 2861, Food Production Manager.....	N	6 400
(Perquisites University — two meals)		
3. Gloria S. Olson, 7677, Assistant Food Production Manager.....	N	4 320
4. _____, 2862, Assistant Food Production Manager..	N	4 200
5. Patsy S. Knight, 7704, Food Service Supervisor.....	N	4 080
<i>Total, Trust — Lincoln Avenue Residence Operation...</i>		<u>\$22 180</u>

Trust — Men's Residence Halls Operation

Account Number 48-82-80-739

1. Elizabeth D. Lambert, 2849, Food Production Manager..	N	\$ 6 400
(Perquisites University — two meals)		
2. Jean M. Paul, 5679, Assistant Food Production Manager.	N	4 890
(Perquisites University — two meals)		
3. Drusilla G. Witham, 2850, Assistant Food Production Manager.....	N	4 380
(Perquisites University — two meals)		
4. _____, 7106, Food Service Supervisor.....	N	3 600
(Perquisites University — two meals)		
<i>Total, Trust — Men's Residence Halls Operation.....</i>		<u>\$19 270</u>

Trust—First Street and Gregory Drive Residence Halls Operation

Account Number 48-82-80-742

1. Richard A. Jolley, 7794, Housing Maintenance Inspector	N	\$ 4 530
2. Evelyn Whitson, 7552, Food Production Manager.....	N	6 600
(Perquisites University—two meals)		
3. Frances L. Potter, 7628, Assistant Food Production Manager.....	N	4 320
(Perquisites University—two meals)		
4. ———, 7524, Assistant Food Production Manager	N	4 200
(Perquisites University—two meals)		
5. Sylvia E. Stoevener, 7650, Food Service Supervisor.....	H	4 050
<i>Total, Trust—First Street and Gregory Drive Residence Halls Operation.....</i>		<u>\$23 700</u>

Illini Union—General Building

Account Number 18-82-90-710

1. Kermit M. Clark, 2694, Accountant II.....	N	\$ 7 440
2. Clarence C. Leverenz, 7432, Assistant to Director of Illini Union.....	N	7 000
(Perquisites University—one meal)		
3. C. E. Wertz, 2683, Assistant to Director of Illini Union	ZN75	5 715
(Total Salary).....		(7 620)
(Perquisites Employee—one meal).....		(84)
4. Elizabeth Hunter, 5594, Assistant to Social Director....	N	5 070
5. Gretchen M. Myers, 2691, Assistant to Social Director...	N	5 130
6. Pauline M. Pointer, 7707, Clerk I.....	N	2 700
7. Mary K. Quinlan, 2712, Clerk II.....	N	3 110
8. Loretta J. Pilgrim, 2685, Clerk III.....	N	4 200
9. Susanne Sinnamon, 6388, Payroll Clerk III.....	N	3 930
10. ———, 7616, Typing Clerk II.....	N	2 400
11. Frances M. Cacioppo, 2702, Clerk-Stenographer II.....	N	2 850
12. Virginia L. Huff, 2705, Clerk-Stenographer II.....	N	3 240
13. Carolyn A. Cabalek, 2699, Clerk-Typist III.....	N	3 300
14. A. E. Sawyer, 2688, Chief Building Operating Engineer..	N	9 440
15. Patricia G. Wilborn, 2708, Bookkeeping Machine Operator I	N	2 850
16. Mary Jane Fisher, 2701, Bookkeeping Machine Operator II	N	3 840
17. Ellyn J. Gillogly, 5512, Duplicating Machine Operator I	N	3 060
18. Robert L. McNabb, 5424, Night Supervisor of Illini Union	N	6 000
(Perquisites University—one meal)		
<i>Total, Illini Union—General Building.....</i>		<u>\$81 275</u>

Illini Union—Food Service

Account Number 18-82-90-720

1. R. F. Hott, 0278, Purchasing Assistant II.....	ZN30	\$ 2 370
(Total Salary)		(7 920)
2. Helen M. England, 2725, Clerk II.....	N	3 180
(Perquisites University—one meal)		
3. Margaret J. Denhart, 6007, Clerk III.....	N	3 000
(Perquisites University—one meal)		
4. Annette K. Nielsen, 2724, Clerk III.....	N	4 050
(Perquisites University—one meal)		
5. ———, 5355, Dining Room Hostess.....	N	2 520
(Perquisites University—two meals)		
6. Evelyn M. Long, 2719, Food Production Manager.....	N	6 630
(Perquisites University—two meals)		
7. Catherine E. Richards, 5861, Food Production Manager..	N	6 540
(Perquisites University—two meals)		
8. Wayne H. Shroyer, 7588, Food Production Manager....	N	6 240
9. Marilyn J. Benjamin, 6831, Assistant Food Production Manager.....	N	4 200
(Perquisites University—two meals)		

10. Naomi J. Bowen, 2720, Assistant Food Production Manager.....	N	5 730
(Perquisites University — two meals)		
11. Florence A. Forsyth, 2722, Assistant Food Production Manager.....	N	4 680
(Perquisites University — two meals)		
12. Mary E. Peterson, 5310, Assistant Food Production Manager.....	N	4 800
(Perquisites University — one meal)		
13. Marjorie S. Arkwright, 2714, Food Service Manager....	N	11 070
(Perquisites University — two meals)		
14. ———, 5664, Catering Supervisor.....	N	5 490
(Perquisites University — two meals)		
15. Helen J. Johnson, 5622, Colonial Room Supervisor.....	N	5 220
(Perquisites University — two meals)		
16. Dorothy R. Rhodes, 6160, Food Service Supervisor.....	N	4 020
(Perquisites University — two meals)		
<i>Total, Illini Union — Food Service.....</i>		<u>\$79 740</u>

Illini Union — Billiards

Account Number 18-82-90-730

1. Bert N. Lippincott, 2735, Bowling Alley and Billiard Room Manager	ZN25	\$ 1 500
(Total Salary)		(6 000)
<i>Total, Illini Union — Billiards.....</i>		<u>\$ 1 500</u>

Illini Union — Bowling Alleys

Account Number 18-82-90-740

1. Bert N. Lippincott, 2735, Bowling Alley and Billiard Room Manager	ZN75	\$ 4 500
<i>Total, Illini Union — Bowling Alleys.....</i>		<u>\$ 4 500</u>

Illini Union — Bookstore

Account Number 18-82-90-770

1. Deanna J. Alexander, 5102, Clerk I.....	N	\$ 2 460
2. Kenneth L. Rhodes, 2729, Bookstore Manager.....	N	10 600
3. John A. Balagna, Jr., 5303, Assistant Bookstore Manager N		6 440
<i>Total, Illini Union — Bookstore.....</i>		<u>\$19 500</u>

CHICAGO PROFESSIONAL COLLEGES**ADMINISTRATION AND GENERAL****Vice-President's Office**

Account Number 05-06-10

1. Sophia M. Hyland, 3230, Clerk Stenographer III.....	N	\$ 4 800
2. Margaret C. Clancy, 3229, Administrative Secretary (Stenographic).....	N	7 800
<i>Total, Vice-President's Office.....</i>		<u>\$12 600</u>

Health Service

Account Number 05-06-15

1. Nancy Serpico, 6640, Clerk II.....	N	\$ 3 600
2. Irma H. Collins, 3234, Clerk-Typist II.....	N	3 750
3. Elsie V. Johnson, 3232, Head Nurse.....	N	4 392
(Perquisites Employee — two meals and room; University — one meal)		(732)
4. R. R. Cunningham, 3233, Secretary (Stenographic)....	N	5 070
<i>Total, Health Service.....</i>		<u>\$16 812</u>

Animal Hospital

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	\$ 5 400
3. Rose L. Walsh, 3237, Chief Clerk.....	N	5 340
4. ———, Staff Nurse.....	N	4 440
5. A. L. Hesse, 3236, Supervisor of Animal Hospital.....	N	7 500
6. Reva M. Kemp, 3239, Histology Technologist.....	N	4 824
<i>Total, Animal Hospital.....</i>		<i>\$27 504</i>

ANIMAL HOSPITAL SERVICE

Account Number 15-10-09

1. Murphy R. Cooper, 7648, Accountant I.....	N	\$ 4 680
2. Nancy B. Rymkey, 6513, Typing Clerk III.....	N	3 600
<i>Total, Animal Hospital Service.....</i>		<i>\$ 8 280</i>

Illustration Studios

Account Number 05-06-39

1. Dagmar Bankowski, 3398, Clerk-Typist III.....	N	\$ 3 810
2. Robert C. Kostro, 3396, Assistant Photographer.....	N	3 750
3. Evelyn M. Robbins, 0040, Assistant Photographer.....	N	4 740
4. Frank J. Marek, 3397, Clinical Photographer.....	N	5 760
5. Frederick Sharp, 0112, Clinical Photographer.....	N	8 300
6. Lawrence Toriello, 3395, Clinical Photographer.....	N	8 300
<i>Total, Illustration Studios.....</i>		<i>\$34 660</i>

Business Office**Business Manager's Office**

Account Number 05-06-18

1. Joan Hruby, 3261, Clerk-Stenographer III.....	N	\$ 4 800
2. Janice E. Hoekstra, 3260, Clerk-Typist II.....	N	3 720
3. W. E. Cowart, 3258, Assistant Business Manager.....	N	12 000
4. Joyce E. Olson, 3259, Secretary (Stenographic).....	N	5 700
<i>Total, Business Manager's Office.....</i>		<i>\$26 220</i>

Accounting Division

Account Number 05-06-19

1. Joseph Juhasz, 3321, Accountant I.....	N	\$ 5 040
2. Arlene Nienhuis, 3263, Accountant I.....	N	5 220
3. C. J. Nowakowski, 3264, Accountant II.....	ZN65	5 265
(Total Salary)		(7 500)
4. Arthur Catrambone, 3265, Accountant III.....	ZN	9 000
5. Harold O. Albers, 3262, Division Chief Accountant.....	N	11 700
6. Julia D. Lockwood, 3270, Clerk-Stenographer III.....	N	4 800
<i>Total, Accounting Division.....</i>		<i>\$41 025</i>

Collections Division

Account Number 05-06-20

1. Marian A. Curtis, 3279, Cashier II.....	N	\$ 3 600
2. Lucille Weiler, 3278, Cashier II.....	N	3 600
3. Dolores F. Keating, 3277, Cashier III.....	N	6 210
4. ———, 7160, Clerk-Typist II.....	N	3 300
<i>Total, Collections Division.....</i>		<i>\$16 710</i>

Payroll Division

Account Number 05-06-21

1. Ernestine Lathrop, 3282, Payroll Clerk II.....	N	\$ 3 720
2. Mary T. Sheehan, 3283, Payroll Clerk II.....	N	3 900
3. Beverly T. Lehmann, 3281, Payroll Clerk III, Level I....	N	4 920
4. Genevieve Cameron, 3280, Payroll Supervisor.....	N	7 260
<i>Total, Payroll Division.....</i>		<i>\$19 800</i>

Purchasing Division

Account Number 05-06-22

1. J. F. Knight, 3284, Purchasing Agent.....	N	\$13 000
2. Ward L. Walhay, 3285, Assistant Purchasing Agent.....	ZN50	4 770
(Total Salary)		(9 960)
3. Mary C. Horne, 3287, Purchasing Assistant II.....	N	7 050
4. Joseph P. Ramsay, 3290, Purchasing Assistant II.....	ZN65	4 440
(Total Salary)		(7 050)
5. Stafford Kariotis, 3286, Purchasing Assistant III.....	ZN50	4 350
(Total Salary)		(8 970)
6. Andrew C. Collins, 7169, Receiving Clerk.....	N	3 660
7. James Jackson, 3294, Receiving Clerk.....	N	3 660
8. Evelyn B. Kortum, 3295, Clerk-Stenographer III.....	N	4 080
9. Agnes Maly, 3291, Secretary (Stenographic).....	N	5 280
10. Joseph Arnold, 3288, Supervisor of Central Receiving Station.....	N	5 400
<i>Total, Purchasing Division.....</i>		<u>\$55 690</u>

General Clerical

Account Number 05-06-24

1. Arthur Catrambone, 3265, Office Manager.....	ZN	.....
2. J. C. Dolciamore, 3292, Clerk III.....	N	\$ 4 680
3. Anne S. Firszt, 3274, Clerk III.....	N	4 020
4. Frances L. LaDuca, 6576, Clerk III.....	N	3 720
5. Tessie Twietmeyer, 5734, Clerk III.....	N	3 660
6. Mari A. Bartucci, 3269, Chief Clerk.....	N	5 160
7. Reva P. Winslow, 3266, Chief Clerk.....	N	5 220
8. Irene Dembicki, 3297, Typing Clerk II.....	N	3 300
9. Marlene M. Ruffolo, 3298, Typing Clerk II.....	N	3 720
10. Alice L. Steger, 3301, Typing Clerk II.....	N	3 900
11. Dorothy Diederich, 3275, Clerk-Typist II.....	N	3 660
12. Mary Lichtenwalter, 3300, Clerk-Typist II.....	N	3 600
13. Arlene P. Longo, 3273, Clerk-Typist II.....	N	4 020
14. Anna Sells, 3302, Clerk-Typist II.....	N	3 540
15. Elaine M. Syracuse, 3304, Clerk-Typist II.....	N	3 300
16. Margaret Ventrella, 3296, Clerk-Typist II.....	N	3 600
17. _____, 3299, Clerk-Typist II.....	N	3 300
18. Mary C. Kreidler, 3322, Clerk-Typist III.....	N	3 960
19. Elizabeth O. Yore, 3271, Clerk-Typist III.....	N	3 900
20. Harriet B. Lynch, 3289, Inventory Supervisor.....	N	5 220
<i>Total, General Clerical.....</i>		<u>\$75 480</u>

General Stores

Account Number 15-05-15

1. Ward L. Walhay, 3285, Assistant Purchasing Agent.....	ZN20	\$ 1 920
(Total Salary)		(9 960)
2. Fred A. Howe, 3311, Supply Attendant.....	N	4 428
3. Elvie McClinton, 3310, Supply Attendant.....	N	4 428
4. Curtis Walton, 3312, Supply Attendant.....	N	3 396
5. Marie Herman, 3313, Stores Clerk.....	N	4 620
6. Harry W. Phillipp, 3309, Stores Supervisor.....	N	6 390
<i>Total, General Stores.....</i>		<u>\$25 182</u>

Student Supply Storeroom

Account Number 15-05-35

1. Ward L. Walhay, 3285, Assistant Purchasing Agent....	ZN30	\$ 3 270
(Total Salary)		(9 960)
2. Joseph P. Ramsay, 3290, Purchasing Assistant II.....	ZN35	2 610
(Total Salary)		(7 050)
3. Stafford Kariotis, 3286, Purchasing Assistant III.....	ZN25	2 580
(Total Salary)		(8 970)
4. William C. Godin, 3306, Supply Attendant.....	N	4 428

5. Katia J. Vasseur, 3308, Clerk III.....	N	3 600
6. Estelle Mulatero, 3307, Stores Clerk.....	N	4 020
7. B. F. Dungan, 3305, Manager of Student Supply Store..	N	8 220
<i>Total, Student Supply Storeroom.....</i>		<u>\$28 728</u>

Tabulating Service

Account Number 15-10-43

1. Mary A. Morrison, 3319, Card Punch Operator I.....	N	\$ 3 780
2. Eileen E. Mulhall, 5160, Card Punch Operator II.....	N	4 200
3. Katheryn Flynn, 3318, Card Punch Operator III.....	N	5 160
4. Eugene J. Krych, 7348, Tabulating Machine Operator I..	N	3 720
5. William G. Lippner, 7065, Tabulating Machine Operator II	N	3 960
6. Ottie P. Carter, 3316, Tabulating Machine Supervisor...	N	10 000
7. Steve E. Adamczyk, 3317, Assistant Tabulating Machine Supervisor.....	N	6 600
<i>Total, Tabulating Service.....</i>		<u>\$37 420</u>

Trust — Indirect Costs — Business Office

Account Number 56-06-03

1. C. J. Nowakowski, 3264, Accountant II.....	ZN35	\$ 2 235
(Total Salary)		(7 500)
2. Adeline Kocolowski, 3276, Chief Clerk.....	N	4 620
3. Betty Babiari, 3303, Typing Clerk II.....	N	3 540
4. ———, Clerk-Stenographer III.....	N	4 200
5. ———, Clerk-Typist III.....	N	3 900
<i>Total, Trust — Indirect Costs — Business Office.....</i>		<u>\$18 495</u>

Auditing

Account Number 05-06-23

1. Wilbert Gordon, 3326, Accountant II.....	ZN84	\$ 6 480
(Total Salary)		(7 800)
2. Frederick J. Ray, 3325, Accountant II.....	N	6 200
3. Carlton Merrifield, 3324, Assistant Auditor.....	N	9 200
4. Mary Jo Stovall, 3327, Clerk-Typist III.....	N	4 350
<i>Total, Auditing</i>		<u>\$26 230</u>

Trust — Indirect Costs — Auditing

Account Number 56-06-04

1. Wilbert Gordon, 3326, Accountant II.....	ZN16	\$ 1 320
<i>Total, Trust — Indirect Costs — Auditing.....</i>		<u>\$ 1 320</u>

Admissions and Records

Account Number 05-06-25

1. Timothy J. Loftus, 3333, Men's Locker Room Attendant	ZN50	\$ 2 200
(Total Salary)		(4 400)
2. Lucile Nedwick, 3329, Chief Clerk.....	N	4 800
3. Lyles E. Dravus, 3332, Typing Clerk III.....	N	3 720
4. Ann Feryanchik, 3331, Typing Clerk III.....	N	3 660
5. Helen E. Wyle, 3330, Clerk-Stenographer III.....	N	5 310
6. Velma M. Davis, 3328, Examiner and Recorder.....	N	7 800
<i>Total, Admissions and Records.....</i>		<u>\$27 490</u>

Nonacademic Personnel

Account Number 05-06-30

1. Mae Slappey, 6311, Personnel Assistant II.....	N	\$ 4 440
2. Noreen A. Loan, 3341, Personnel Assistant III.....	N	6 240
3. Loretta Ward, 3337, Clerk III.....	N	3 990
4. Mary F. Pacer, 3342, Typing Clerk III.....	N	4 200
5. Vera M. Shoevlin, 3339, Clerk-Stenographer III.....	N	4 680
6. Marion E. Erickson, 3340, Clerk-Typist III.....	N	4 320
7. Rose Mary Strueck, 3334, Visiting Nurse.....	ZN60	3 060
(Total Salary)		(5 100)

8. George H. Adams, 7368, Personnel Officer.....	N	8 640
9. Gertrude Meiers, 3335, Personnel Officer.....	N	8 340
10. Maurice S. Cohen, 5488, Placement Officer.....	N	5 760
11. Harry R. Murphy, 3336, Placement Officer.....	N	6 000
<i>Total, Nonacademic Personnel.....</i>		<u>\$59 670</u>

Stenographic Service

Account Number 15-10-39

1. Emma Taylor, 7220, Duplicating Machine Operator I..	N	\$ 3 120
2. Dolores C. Frank, 3343, Duplicating Machine Operator III	N	4 140
<i>Total, Stenographic Service.....</i>		<u>\$ 7 260</u>

Indirect Costs — Nonacademic Personnel

Account Number 56-06-02

1. Marian V. Allen, 7681, Clerk-Stenographer III.....	N	\$ 4 440
2. ———, 5735, Clerk-Typist III.....	N	3 780
<i>Total, Indirect Costs — Nonacademic Personnel.....</i>		<u>\$ 8 220</u>

Student Affairs

Account Number 05-06-32

1. ———, 3344, Clerk-Stenographer III.....	N	\$ 4 800
2. ———, 6899, Clerk-Stenographer III.....	N	4 200
3. Mary L. Wolf, 3345, Clerk-Typist III.....	N	3 720
4. Carolyn H. Gerdes, 7440, Secretary (Stenographic).....	N	4 920
<i>Total, Student Affairs.....</i>		<u>\$17 640</u>

Public Information

Account Number 05-06-35

1. Janice M. Kampe, 7100, Clerk-Stenographer III.....	N	\$ 4 440
2. Wayne E. Conery, 6607, Assistant Manager of Public Information.....	N	5 700
<i>Total, Public Information.....</i>		<u>\$10 140</u>

COLLEGE OF MEDICINE**Administration**

Account Number 05-12-03

1. Timothy J. Loftus, 3333, Men's Locker Room Attendant	ZN50	\$ 2 200
(Total Salary)		(4 400)
2. Marcia E. Smith, 3352, Clerk-Stenographer III.....	N	4 770
3. ———, 3353, Clerk-Stenographer III.....	N	4 680
4. Violet Gabriel, 3349, Clerk-Typist III.....	N	4 050
5. Catharine E. Dolan, 3348, Administrative Secretary (Stenographic).....	N	7 800
<i>Total, Administration</i>		<u>\$23 500</u>

Anatomy

Account Number 05-12-18

1. Arlene Schmolinske, 6446, Laboratory Assistant III.....	N	\$ 3 972
2. ———, 6040, Clerk-Typist III.....	N	3 720
3. Frank Gariffo, 7498, Anatomy Curator.....	N	4 200
4. George H. Miller, 3356, Patho-Technologist.....	N	5 580
5. Dorothy I. Duncan, 3359, Secretary (Stenographic).....	N	6 300
6. Lucille M. Shepherd, 3357, Histology Technologist.....	N	4 596
<i>Total, Anatomy</i>		<u>\$28 368</u>

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE R G 472

Account Number 55-16-70

1. Cecil J. Reynolds, 7653, Clinical Photographer.....	N	\$ 6 000
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TRUST — U.S. ARMY MD 794**Account Number 55-16-95**

1. Billy Carroll, 7684, Animal Caretaker.....	N	\$ 3 624
2. James E. Richmond, 7067, Animal Caretaker.....	N	4 296
<i>Total, Trust — U.S. Army MD 794.....</i>		<u>\$ 7 920</u>

Biological Chemistry**Account Number 05-12-27**

1. Marcella Sayers, 3372, Laboratory Assistant I.....	N	\$ 3 012
2. Wyndolyn H. Jenkins, 3373, Laboratory Assistant II....	N	3 372
3. ———, 3375, Laboratory Assistant III.....	N	4 956
4. David Marie Powers, 3374, Clerk-Stenographer III.....	N	4 200
5. Anne L. Megley, 5185, Secretary (Stenographic).....	N	4 920
6. Wendell P. Peete, 7661, Storekeeper.....	N	4 080
<i>Total, Biological Chemistry.....</i>		<u>\$24 540</u>

Cooperative Investigations**TRUST — AMERICAN CANCER SOCIETY****Account Number 50-12-50**

1. Bobby H. Biggers, 6564, Medical Technologist I.....	N	\$ 4 488
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TRUST — U.S. PUBLIC HEALTH SERVICE AI543**Account Number 55-21-11**

1. Funso O. Olubajo, 6550, Biochemistry Technologist.....	N	\$ 4 596
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TRUST — U.S. PUBLIC HEALTH SERVICE A 425**Account Number 55-21-25**

1. Elizabeth D. Dawes, 7699, Biochemistry Technologist....	N	\$ 4 488
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TRUST — U.S. NATIONAL SCIENCE FOUNDATION 6454**Account Number 55-21-31**

1. Mary J. Firszt, 6981, Biochemistry Technologist.....	N	\$ 5 196
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TRUST — U.S. ARMY MD 562**Account Number 55-21-40**

1. Gerald E. Walsh, 7686, Biochemistry Technologist.....	N	\$ 4 824
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TRUST — U.S. PUBLIC HEALTH SERVICE E 2813**Account Number 55-21-42**

1. Habib Rejal, 7768, Biochemistry Technologist.....	N	\$ 5 196
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TRUST — U.S. PUBLIC HEALTH SERVICE RG 5672**Account Number 55-21-70**

1. Harold Trahan, 7735, Biochemistry Technologist.....	N	\$ 4 944
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TRUST — U.S. PUBLIC HEALTH SERVICE EI514 C**Account Number 55-21-86**

1. Pearl Hillman, 6919, Laboratory Assistant I.....	N	\$ 3 204
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TRUST — U.S. PUBLIC HEALTH SERVICE 2347 C3**Account Number 55-35-78**

1. Myrtle Thornton, 7462, Medical Technologist I.....	N	\$ 3 876
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Clinical Science**Account Number 05-12-30**

1. Elizabeth L. Faler, 3377, Chief Clerk.....	N	\$ 5 700
<i>Total, Clinical Science.....</i>		<u>\$ 5 700</u>

Cooperative Investigations**TRUST — LAKELAND FOUNDATION****Account Number 50-15-41**

1. Eve R. Feivish, 6485, Laboratory Assistant I.....	N	\$ 3 108
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Dermatology**Account Number 05-12-36**

1. Judith A. Fox, 6635, Laboratory Assistant III.....	N	\$ 3 600
2. Verne B. Perryman, 3393, Secretary (Stenographic)....	N	5 070
3. Vanda Zolynas, 3392, Histology Technologist.....	N	4 488
<i>Total, Dermatology</i>		<u>\$13 158</u>

Medical Social Work

Account Number 05-12-41

1. Bertha M. Evans, 3676, Clerk III.....	N	\$ 3 990
2. Josephine Hickey, 3677, Clerk-Stenographer III.....	N	4 110
3. Myrtle H. Parkman, 3675, Clerk-Stenographer III.....	N	4 080
4. Lauretta Willborn, 3545, Clerk-Stenographer III.....	N	4 290
5. Lillie A. Brewton, 4501, Clerk-Typist II.....	N	3 780
6. Helen Strano, 3674, Secretary (Stenographic).....	N	5 040
<i>Total, Medical Social Work.....</i>		<u>\$25 290</u>

Medicine

Account Number 05-12-42

1. Bertha Mae Heady, 3411, Laboratory Assistant I.....	N	\$ 2 964
2. Irena Gajdel, 6883, Laboratory Assistant II.....	ZN80	2 500
(Total Salary)		(3 120)
3. Edward L. Eckert, 6474, Equipment Attendant.....	N	4 416
4. _____, 3415, Clerk-Stenographer II.....	N	3 600
5. _____, Clerk-Stenographer II.....	N	3 600
6. Roberta D. Nelson, 7230, Clerk-Stenographer III.....	ZN50	2 040
(Total Salary)		(4 080)
7. Beatrice Parker, 3414, Clerk-Stenographer III.....	N	4 320
8. Gloria B. Phillips, 3413, Clerk-Stenographer III.....	N	4 020
9. _____, 3416, Clerk-Stenographer III.....	N51	2 040
10. Tess Dykstra, 3412, Clerk-Typist III.....	N	3 750
11. Sandra S. Swengel, 5298, Clerk-Typist III.....	N	4 350
12. Bennie F. Booker, 5317, Patho-Technologist.....	ZN86	3 767
(Total Salary)		(4 380)
13. Peggy A. Spieth, 7525, Patho-Technologist.....	N	4 380
14. Doris Nielsen, 3406, Secretary (Stenographic).....	N	6 300
15. Elva B. Allen, 5742, Electrocardiographic Technician I...	N	4 080
16. Kisako Saikami, 5814, Electrocardiographic Technician II	N	4 470
17. Joan R. Abern, 5316, Biochemistry Technologist.....	N	4 596
18. Frances D. Engram, 7010, Medical Technologist I.....	N	3 600
<i>Total, Medicine</i>		<u>\$68 793</u>

Cooperative Investigations

TRUST — ALLERGY ANTIGENS

Account Number 50-24-03

1. Bennie F. Booker, 5317, Patho-Technologist.....	ZN14	\$ 613
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TRUST — PULMONARY FUNCTION

Account Number 50-24-35

1. Loretta Bates, 7574, Laboratory Assistant I.....	N	\$ 2 808
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TRUST — ARTHRITIS AND RHEUMATISM FOUNDATION

Account Number 50-24-67

1. Barbara A. Dedrick, 7333, Medical Technologist I.....	N	\$ 3 600
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TRUST — G. D. SEARLE AND COMPANY

Account Number 50-24-68

1. Jane H. Synek, 7090, Medical Technologist I.....	ZN67	\$ 2 988
(Total Salary)		(4 488)

TRUST — U.S. PUBLIC HEALTH SERVICE HT 300 C8

Account Number 55-15-24

1. Irena Gajdel, 6883, Laboratory Assistant II.....	ZN20	\$ 620
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TRUST — U.S. PUBLIC HEALTH SERVICE H2253

Account Number 55-35-10

1. Keith A. Robinson, 6097, Laboratory Assistant I.....	N	\$ 3 204
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TRUST — U.S. PUBLIC HEALTH SERVICE E1690

Account Number 55-35-16

1. Peggy L. Lec, 6109, Laboratory Assistant I.....	N	\$ 3 012
2. Carell Hutchinson, 5638, Laboratory Assistant III.....	N	3 684
<i>Total, Trust — U.S. Public Health Service E1690.....</i>		<u>\$ 6 696</u>

TRUST — U.S. PUBLIC HEALTH SERVICE 2A 5032

Account Number 55-35-22

1. Roberta D. Nelson, 7230, Clerk-Stenographer III..... ZN50 \$ 2 040

TRUST — U.S. PUBLIC HEALTH SERVICE 1949

Account Number 55-35-30

1. Chester L. Byrd, 7265, Patho-Technologist..... N \$ 4 380

TRUST — U.S. PUBLIC HEALTH SERVICE Et855

Account Number 55-35-60

1. Annaliisa Huhti, 7331, Biochemistry Technologist..... N \$ 4 380

TRUST — U.S. ARMY MD 421

Account Number 55-35-65

1. Eugenia Wade, 6238, Laboratory Assistant I..... N \$ 2 964

2. Elizabeth Sullivan, 7596, Clerk-Typist II..... N 3 600

Total, Trust — U.S. Army MD 421..... \$ 6 564

TRUST — U.S. PUBLIC HEALTH SERVICE 2347 C2

Account Number 55-35-77

1. Jeanine A. Morris, 6020, Laboratory Assistant III..... N \$ 4 272

2. Janet G. Korzen, 6099, Clerk-Stenographer II..... N 4 200

Total, Trust — U.S. Public Health Service 2347 C2..... \$ 8 472

TRUST — U.S. PUBLIC HEALTH SERVICE H2606

Account Number 55-35-85

1. Virginia Eagleton, 6869, Medical Technologist I..... N \$ 3 780

TRUST — U.S. PUBLIC HEALTH SERVICE VA 5105

Account Number 55-35-90

1. Jane H. Synek, 7090, Medical Technologist I..... ZN33 \$ 1 500

Microbiology

Account Number 05-12-44

1. Mary Aldridge, 3368, Laboratory Assistant I..... N \$ 3 108

2. Sarah A. McDonald, 6058, Laboratory Assistant I..... N 2 760

3. Calvin U. Toliver, 3365, Laboratory Assistant I..... N 3 108

4. Vlasdas Literskis, 5779, Laboratory Assistant II..... N 4 020

5. Lula M. Neal, 3366, Laboratory Assistant II..... N 3 180

6. Susan L. Jusko, 3367, Laboratory Assistant III..... N 4 068

7. Stanley G. Moore, 6054, Laboratory Program Administra-

tive Assistant N 6 500

8. Dorothy M. Walker, 7102, Clerk-Typist III..... ZN50 2 010

(Total Salary) (3 990)

9. Ethel M. Ortwein, 5776, Secretary (Stenographic)..... N 5 400

*Total, Microbiology \$34 154***Neurology and Neurological Surgery**

Account Number 05-12-45

1. Marie Woolfolk, 3439, Laboratory Assistant I..... N \$ 3 396

2. Fumiko Koketsu, 3440, Laboratory Assistant II..... N 2 928

3. Beatrice K. Meyers, 6055, Laboratory Program Admin-

istrative Assistant N 7 800

4. Alyce E. Oxford, 3433, Clerk-Typist II..... N 4 020

5. Marjorie Mason, 3437, Clerk-Typist III..... N 3 720

6. Katie Spraggins, 6196, Clerk-Typist III..... N 3 600

7. ———, 3430, Senior Laboratory Mechanic..... N 4 500

8. Yvonne L. Baker, 3432, Secretary (Stenographic)..... N 5 100

9. Jacqueline Strauss, 3436, Secretary (Stenographic)..... N 4 200

10. Jean C. Duff, 5969, Electroencephalographic Technician.. N 4 320

11. ———, 3438, Electroencephalographic Technician.. N 4 320

12. Ann T. Greboski, 6995, Supervising Electroencephalo-

graphic Technician N 5 220

13. Roxy L. Pickering, 3428, Chief Medical X-ray Technician N 7 200

Total, Neurology and Neurological Surgery..... \$60 324

Epilepsy Clinic Revolving

Account Number 07-12-10

1. Pauline Taylor, 3443, Clerk-Stenographer III.....	N	\$ 4 020
<i>Total, Epilepsy Clinic Revolving.....</i>		<u>\$ 4 020</u>

Cooperative Investigations

TRUST — CRIPPLED CHILDREN'S BUREAU

Account Number 50-25-25

1. Melinda Huesing, 6688, Electroencephalographic Technician.....	N	\$ 4 200
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TRUST — U.S. PUBLIC HEALTH SERVICE B1109C

Account Number 55-40-21

1. Harriette G. Andrews, 7083, Statistician I.....	N75	\$ 3 900
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Obstetrics and Gynecology

Account Number 05-12-48

1. Blanche M. Mayberry, 3446, Clerk-Typist III.....	N	\$ 4 020
2. Esther H. Fiessel, 3445, Secretary (Stenographic).....	N	6 210
3. ———, 7142, Medical Technologist I.....	N	3 600
<i>Total, Obstetrics and Gynecology.....</i>		<u>\$13 830</u>

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE RG 6015

Account Number 55-42-25

1. Joseph M. James, 6767, Medical Technologist I.....	N	\$ 4 272
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Occupational Therapy

Account Number 05-12-49

1. Aubert J. Lemrise, 3450, Occupational Therapy Aide.....	N	\$ 4 380
2. Juanita Wales, 3448, Clerk-Typist II.....	N	3 540
3. Elizabeth C. Edelen, 3449, Musician.....	N	4 800
4. Rita J. Toohey, 3447, Secretary (Transcribing).....	N	4 980
<i>Total, Occupational Therapy.....</i>		<u>\$17 700</u>

Ophthalmology

Account Number 05-12-51

1. ———, 3453, Clerk-Stenographer III.....	N	\$ 4 200
2. Huldah E. Johnson, 3451, Patho-Technologist.....	N	5 448
3. Muriel C. Allardice, 3452, Secretary (Transcribing).....	N	5 430
4. Joan R. Dering, 3456, Secretary (Transcribing).....	N	5 290
5. ———, 3454, Histology Technologist.....	N	4 800
6. Lydia K. Heinen, 3455, Medical Technologist I.....	N	4 596
<i>Total, Ophthalmology</i>		<u>\$29 764</u>

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE 2B 5195

Account Number 55-46-20

1. Dorothy Wheelers, 7141, Patho-Technologist.....	N	\$ 4 488
2. John C. Oberly, 7146, Clinical Photographer.....	N	5 700
<i>Total, Trust — U.S. Public Health Service 2B 5195....</i>		<u>\$10 188</u>

Orthopaedic Surgery

Account Number 05-12-54

1. Ollie L. Havard, 3465, Laboratory Assistant I.....	N	\$ 3 060
2. Alice C. Bartlett, 3462, Laboratory Assistant III.....	N	4 272
3. Nell E. White, 5683, Clerk II.....	N	3 780
4. Ellie Lowe, 3468, Clerk-Stenographer II.....	N	4 110
5. Jean E. Ihle, 7352, Clerk-Stenographer III.....	N	4 920
6. Joanne T. Grasso, 3467, Clerk-Typist II.....	N	3 690
7. Joseph S. Kozicki, 5559, Assistant Photographer.....	N	4 590
8. Ida Stephan, 3466, Secretary (Stenographic).....	N	6 300
<i>Total, Orthopaedic Surgery.....</i>		<u>\$34 722</u>

Otolaryngology

Account Number 05-12-57

1. Agnes E. Schirka, 3473, Laboratory Assistant II.....	N	\$ 3 948
2. Catherine Connery, 3476, Clerk-Stenographer III.....	N	4 620
3. Marion Y. Johnson, 3477, Clerk-Stenographer III.....	N	3 900
4. Maria E. Ikenberg, 3470, Clinical Photographer.....	N	6 800
5. Marion B. Wickland, 3474, Secretary (Stenographic)....	N	6 000
6. Theresa R. Zumpano, 3475, Secretary (Stenographic)...	N	5 040
7. Maurits P. Kesnar, 3469, Electro-acoustic Technician....	N	6 000
8. Fannie Lee Billups, 3471, Histology Technologist.....	N	4 488
9. Imogene Burns, 3472, Medical Technologist I.....	N	3 600
<i>Total, Otolaryngology</i>		<u>\$44 396</u>

Pathology

Account Number 05-12-60

1. Jessie F. Brown, 3483, Laboratory Assistant II.....	N	\$ 3 720
2. Adolphus Goode, 3481, Laboratory Assistant III.....	N	4 488
3. Kunigunda Silinis, 3482, Laboratory Assistant III.....	N	4 068
4. Anna W. Farley 6492, Laboratory Program Administrative Assistant	N	6 360
5. Cyril V. Gazarek, 3479, Patho-Technologist.....	N	5 856
6. Mildred M. Goldfeller, 3484, Secretary (Stenographic).. (On disability leave without pay—University Retirement System)	N	.....
7. Thelma M. Sims, 3484, Secretary (Stenographic).....	N	5 670
8. Elena Sniegaitis, 3478, Histology Technologist.....	N	4 380
<i>Total, Pathology</i>		<u>\$34 542</u>

Cooperative Investigations

TRUST — ARTHRITIS AND RHEUMATISM FOUNDATION

Account Number 50-24-26

1. Joana Puniska, 7714, Medical Technologist I.....	N	\$ 3 600
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TRUST — U.S. A968 — TISSUE CHANGES — PIRANI

Account Number 55-47-06

1. Alice Hallworth, 3487, Laboratory Assistant III.....	N	\$ 4 176
2. Kenneth P. Rottman, 6634, Medical Technologist I.....	N	3 684
3. Kenneth T. Thompson, 6328, Medical Technologist I....	N	4 380
<i>Total, Trust — U.S. A968 — Tissue Changes — Pirani...</i>		<u>\$12 240</u>

TRUST — U.S. PUBLIC HEALTH SERVICE H1623

Account Number 55-47-41

1. Tralice W. Grissom, 6774, Laboratory Assistant I.....	N	\$ 3 108
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TRUST — U.S. PUBLIC HEALTH SERVICE 3325

Account Number 55-47-55

1. Harvey Locker, 7296, Medical Technologist I.....	N	\$ 4 272
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Pediatrics

Account Number 05-12-63

1. Alice Andersen, 3490, Secretary (Stenographic).....	N	\$ 5 400
<i>Total, Pediatrics</i>		<u>\$ 5 400</u>

Pharmacology

Account Number 05-12-66

1. Nathaniel Jackson, 3500, Laboratory Assistant III.....	N	\$ 3 972
2. Dolores J. Shevlin, 3498, Clerk-Stenographer III.....	N	4 020
3. Bert M. Gustafson, 3499, Instrument Maker.....	N	6 500
4. Polly F. Cline, 3497, Secretary (Stenographic).....	N	5 400
5. Anita Tatone, 3501, Secretary (Stenographic).....	N	4 800
<i>Total, Pharmacology</i>		<u>\$24 692</u>

Cooperative Investigations

TRUST — JANE COFFIN CHILDS MEMORIAL

Account Number 50-45-45

1. Dolores C. Anderson, 6916, Biochemistry Technologist...	N	\$ 4 380
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TRUST — INSOLUBLE PROTEINS

Account Number 50-45-75

1. V. E. Dermetzakis, 7660, Medical Technologist I..... N	\$ 3 600
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TRUST — U.S. PUBLIC HEALTH SERVICE H2354

Account Number 55-50-05

1. Estella Mason, 3504, Laboratory Assistant I..... N	\$ 3 204
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Physical Medicine and Rehabilitation

Account Number 05-12-72

1. Naomi McCutcheon, 3506, Secretary (Stenographic)..... N	\$ 5 190
2. Yvonne M. Bell, 6755, Medical Technologist I..... N	4 488
<i>Total, Physical Medicine and Rehabilitation.....</i>	<u>\$ 9 678</u>

Cooperative Investigations**TRUST — U.S. PUBLIC HEALTH SERVICE H2568**

Account Number 55-52-05

1. Roscoe E. Mitchell, 6912, Medical Technologist I..... N	\$ 4 068
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Physiology

Account Number 05-12-75

1. John Firek, 3512, Laboratory Assistant II..... N	\$ 3 948
2. Russell Speer, 3515, Laboratory Assistant II..... N	4 272
3. Willie L. Campbell, 5060, Laboratory Assistant III..... N	4 176
4. Harry A. Henderson, 3516, Laboratory Assistant III.... N	4 068
5. Ruth E. James, 3514, Clerk-Typist II..... N	3 840
6. George H. Luhr, 3508, Instrument Maker..... N	6 720
7. Marcus A. Quarles, 3511, Patho-Technologist..... N	4 704
8. Virginia J. Maier, 3513, Secretary (Stenographic)..... N	5 400
<i>Total, Physiology</i>	<u>\$37 128</u>

Cooperative Investigations**TRUST — U.S. PUBLIC HEALTH SERVICE 2766**

Account Number 55-55-76

1. Natsu Ota, 7105, Biochemistry Technologist..... N	\$ 4 380
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TRUST — U.S. PUBLIC HEALTH SERVICE H3686

Account Number 55-55-85

1. Francine L. Griffin, 7659, Laboratory Assistant II..... N	\$ 3 120
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Preventive Medicine

Account Number 05-12-78

1. Ophelia J. Berry, 3525, Secretary (Stenographic)..... N	\$ 4 620
<i>Total, Preventive Medicine.....</i>	<u>\$ 4 620</u>

Respiratory Center Revolving

Account Number 07-27-25

1. Lurleen M. Turner, 7290, Physical Therapy Aide..... N	\$ 3 300
2. Eugene Davis, 6946, Junior Laboratory Mechanic..... N	3 600
<i>Total, Respiratory Center Revolving.....</i>	<u>\$ 6 900</u>

Cooperative Investigations**TRUST — NATIONAL FOUNDATION FOR INFANTILE PARALYSIS —
RESPIRATORY POLIO**

Account Number 50-52-55

1. Berit G. Tilly, 7543, Laboratory Assistant III..... N	\$ 4 068
2. Anne R. Silverman, 5777, Secretary (Stenographic).... N	5 100
3. Garland Johnson, 6806, Instrument and Measurement Technician I	N 5 400
<i>Total, Trust — National Foundation for Infantile Paral- ysis — Respiratory Polio</i>	<u>\$14 568</u>

TRUST — U.S. PUBLIC HEALTH SERVICE E 2613

Account Number 55-57-15

1. Cardella Price, 3526, Laboratory Assistant I.....	N	\$ 2 964
2. Erika A. Paustian, 6754, Laboratory Assistant II.....	N	3 504
<i>Total, Trust — U.S. Public Health Service E 2613.....</i>		<u>\$ 6 468</u>

Psychiatry

Account Number 05-12-81

1. Lucille Elliott, 3536, Laboratory Assistant I.....	N	\$ 3 348
2. Genevieve M. Lowden, 3534, Laboratory Assistant III....	N	3 972
3. Felicia J. Svoboda, 3532, Laboratory Assistant III.....	N	3 972
4. Marcia I. Taylor, 3533, Laboratory Assistant III.....	N	3 780
5. Robert C. Helm, 3555, Animal Caretaker.....	N	3 996
6. Sylvia R. Ericksen, 3543, Clerk-Stenographer III.....	N60	2 640
7. Lorraine F. McNeill, 3540, Clerk-Stenographer III.....	N	5 250
8. Rachel M. Maschio, 3547, Clerk-Typist II.....	N	3 480
9. Margaret O. Baigen, 3546, Clerk-Typist III.....	N	4 350
10. Doris Faulkner, 3541, Clerk-Typist III.....	N	3 930
11. Luella Head, 7281, Clerk-Typist III.....	N	3 780
12. Lee P. Desormey, 7406, Instrument Maker.....	N	6 570
13. Elaine R. Engstrom, 3538, Secretary (Stenographic)....	N	6 210
14. Charlotte S. Hart, 3542, Secretary (Stenographic).....	N	5 400
15. Luberta Shirley, 3539, Secretary (Stenographic).....	N	5 130
<i>Total, Psychiatry</i>		<u>\$65 808</u>

Cooperative Investigations

TRUST — DEPARTMENT OF PUBLIC WELFARE — NEURON STUDY

Account Number 50-54-20

1. Annie Walker, 6021, Laboratory Assistant I.....	N	\$ 3 396
2. Norman A. Bartley, 7364, Clinical Photographer.....	N	6 700
3. Jackson E. Lucas, 7796, Histology Technologist.....	N	4 488
<i>Total, Trust — Department of Public Welfare — Neuron Study.....</i>		<u>\$14 584</u>

TRUST — DEPARTMENT OF PUBLIC WELFARE — PSYCHOSOMATIC DIFFERENTIATION IN INFANTS

Account Number 50-54-30

1. C. MacCandlish, 5582, Laboratory Assistant III.....	N	\$ 3 600
2. Johnnie L. Williams, 7104, Clerk-Typist II.....	N	3 750
<i>Total, Trust — Department of Public Welfare — Psychosomatic Differentiation in Infants.....</i>		<u>\$ 7 350</u>

TRUST — DEPARTMENT OF PUBLIC WELFARE — PHENYLKETONURIA

Account Number 50-54-40

1. James A. Edwards, 5825, Laboratory Assistant I.....	N75	\$ 2 259
2. Betty Jean Dobbs, 7683, Laboratory Assistant III.....	N	4 068
3. Aline I. Portner, 7727, Electroencephalographic Technician	N	4 000
<i>Total, Trust — Department of Public Welfare — Phenylketonuria.....</i>		<u>\$10 327</u>

TRUST — U.S. PUBLIC HEALTH SERVICE B413 C4

Account Number 55-60-14

1. Dolores Ling, 5450, Laboratory Assistant III.....	N	\$ 3 600
2. Johnnie H. Baker, 6204, Clerk-Typist III.....	N	3 990
3. Jack T. Beuttas, 6563, Histology Technologist.....	N	4 488
<i>Total, Trust — U.S. Public Health Service B413 C4....</i>		<u>\$12 078</u>

TRUST — U.S. PUBLIC HEALTH SERVICE B1650

Account Number 55-60-20

1. Yoko Kimura, 6415, Clerk-Typist III.....	N	\$ 3 900
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TRUST — U.S. PUBLIC HEALTH SERVICE M637C3

Account Number 55-60-58

1. L. Elaine Dodd, 6880, Clerk-Stenographer III.....	N	\$ 4 500
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TRUST — U.S. PUBLIC HEALTH SERVICE 2M6009

Account Number 55-60-85

- | | | |
|---|-----|----------|
| 1. Faye H. Weinstein, 6577, Clerk-Stenographer III..... | N40 | \$ 1 860 |
|---|-----|----------|

Public Health**Cooperative Investigations****TRUST — U.S. PUBLIC HEALTH SERVICE SA43 — POLIOMYELITIS**

Account Number 55-61-10

- | | | |
|---|---|----------|
| 1. Pauline Liddell, 6158, Laboratory Assistant I..... | N | \$ 2 964 |
|---|---|----------|

Radiology

Account Number 05-12-84

- | | | |
|---|-----|-----------------|
| 1. _____, Clerk-Typist II..... | N50 | \$ 1 800 |
| 2. Fingal Spongberg, 3561, Instrument Maker..... | N | 6 930 |
| 3. Margaret W. Ritter, 3559, Secretary (Stenographic).... | N | 5 880 |
| <i>Total, Radiology</i> | | <u>\$14 610</u> |

Cooperative Investigations**TRUST — U.S. PUBLIC HEALTH SERVICE C3426**

Account Number 55-62-05

- | | | |
|--|---|----------|
| 1. Robert R. Newstead, 7576, Animal Caretaker..... | N | \$ 3 624 |
|--|---|----------|

Surgery

Account Number 05-12-90

- | | | |
|---|---|-----------------|
| 1. Sallie S. Graham, 3569, Clerk-Stenographer III..... | N | \$ 4 440 |
| 2. Doris J. Peterson, 6287, Clerk-Stenographer III..... | N | 4 110 |
| 3. Ruth E. Scapino, 7365, Clerk-Stenographer III..... | N | 4 170 |
| 4. Everett T. Hoppe, 3565, Patho-Technologist..... | N | 5 448 |
| 5. Josephine Magista, 3567, Secretary (Stenographic)..... | N | 6 210 |
| 6. Annabel Wheeler, 3567, Secretary (Stenographic)..... | N | ..... |
| (On leave without pay) | | |
| 7. Ruth G. McGrath, 3570, Biochemistry Technologist..... | N | 5 448 |
| <i>Total, Surgery</i> | | <u>\$29 826</u> |

Cooperative Investigations**TRUST — AMERICAN CANCER SOCIETY — TISSUE CULTURE**

Account Number 50-57-04

- | | | |
|--|---|----------|
| 1. Mamie O'Neal Wymbs, 7358, Laboratory Assistant I..... | N | \$ 2 844 |
|--|---|----------|

TRUST — UPJOHN COMPANY — STEROIDS

Account Number 50-57-23

- | | | |
|--|---|----------|
| 1. Z. Buinevicius, 6403, Medical Technologist I..... | N | \$ 3 684 |
|--|---|----------|

TRUST — U.S. PUBLIC HEALTH SERVICE H 2480C

Account Number 55-65-31

- | | | |
|--|---|----------|
| 1. Regina Kazlauskas, 7420, Biochemistry Technologist..... | N | \$ 4 380 |
|--|---|----------|

TRUST — U.S. PUBLIC HEALTH SERVICE 3157

Account Number 55-65-45

- | | | |
|--|---|----------|
| 1. Karl E. Heckendorf, 7011, Hematology Technologist.... | N | \$ 4 380 |
|--|---|----------|

TRUST — U.S. PUBLIC HEALTH SERVICE CY 3551

Account Number 55-65-55

- | | | |
|---|---|----------|
| 1. Marija Petravicius, 7691, Laboratory Assistant II..... | N | \$ 3 120 |
|---|---|----------|

TRUST — U.S. PUBLIC HEALTH SERVICE CS 9594

Account Number 55-65-60

- | | | |
|--|---|-----------------|
| 1. Marilyn Cohen, 7695, Laboratory Assistant II..... | N | \$ 3 240 |
| 2. Esther L. Chalfant, 7442, Histology Technologist..... | N | 4 380 |
| 3. Marjorie M. Goodwin, 6955, Medical Technologist I..... | N | 3 684 |
| <i>Total, Trust — U.S. Public Health Service CS 9594....</i> | | <u>\$11 304</u> |

COLLEGE OF DENTISTRY

Administration

Account Number 05-15-01

1. Dorit Ansari, 3622, Clerk-Stenographer III.....	N	\$ 4 620
2. Madelyn J. Daly, 3580, Clerk-Stenographer III.....	N	4 470
3. Margaret M. Lahey, 3579, Administrative Secretary (Stenographic).....	N	7 500
4. Daniel Lyons, 5852, Storekeeper.....	N	4 872
<i>Total, Administration</i>		<u>\$21 462</u>

Postgraduate Studies

Account Number 05-15-07

1. Arlene J. Schmale, 3584, Clerk-Stenographer III.....	N80	\$ 3 760
2. Dorothy Greenhill, 3582, Secretary (Stenographic).....	N	5 400
<i>Total, Postgraduate Studies</i>		<u>\$ 9 160</u>

Admitting Clinic

Account Number 05-15-10

1. Arlette Stepelton, 3586, Clerk III.....	N	\$ 3 990
2. Carolyn Peterson, 3585, Chief Clerk.....	N	5 790
3. Carol P. Wills, 7580, Clerk-Typist II.....	N	3 420
<i>Total, Admitting Clinic</i>		<u>\$13 200</u>

Applied Materia Medica and Therapeutics

Account Number 05-15-15

1. Mae C. Faul, 6018, Dental Assistant.....	N	\$ 4 260
2. Erica Y. Friederici, 3592, Laboratory Assistant III.....	N	4 824
3. Gwendolyn Currin, 3593, Clerk III.....	N	4 440
4. Frances C. Abraham, 3590, Secretary (Stenographic)....	N	5 070
<i>Total, Applied Materia Medica and Therapeutics</i>		<u>\$18 594</u>

Crowns and Fixed Partial Dentures

Account Number 05-15-20

1. Margaret Kelley, 3599, Clerk III.....	N	\$ 4 230
2. Georgia G. Catasca, 3598, Secretary (Stenographic).....	N	4 320
<i>Total, Crowns and Fixed Partial Dentures</i>		<u>\$ 8 550</u>

Dental Clinics

Account Number 05-15-25

1. Dorothy M. Pillot, 7614, Dental Assistant.....	N	\$ 4 140
2. Ora Dee Grayson, 3606, Laboratory Assistant I.....	N	3 396
3. Lilly N. Henry, 6882, Laboratory Assistant I.....	N	2 844
4. Heloise L. Julian, 3604, Laboratory Assistant I.....	N	2 928
5. Annie M. Tillman, 3605, Laboratory Assistant I.....	N	3 204
6. Lucendia Williams, 3603, Laboratory Assistant I.....	N	2 928
7. Frances L. Cathcart, 3602, Cashier II.....	N	4 290
8. Betty Becola, 3587, Clerk III.....	N	3 900
9. Gustav Swanson, 3600, Senior Laboratory Mechanic.....	N	6 360
10. Frances M. McGinn, 3601, Storekeeper.....	N	4 332
<i>Total, Dental Clinics</i>		<u>\$38 322</u>

Full and Removable Partial Dentures

Account Number 05-15-55

1. Esther M. Granata, 3609, Laboratory Assistant II.....	N	\$ 3 312
2. Adrienne McNair, 3608, Laboratory Assistant III.....	N	4 956
3. Lorraine LaFrance, 3610, Clerk-Typist II.....	N	3 570
4. Adelaide R. Talbot, 3607, Secretary (Stenographic).....	N	5 910
<i>Total, Full and Removable Partial Dentures</i>		<u>\$17 748</u>

Histology

Account Number 05-15-60

1. Alice Slezak, 3614, Laboratory Assistant III.....	N	\$ 3 684
2. Marion Thornton, 3615, Laboratory Assistant III.....	N	3 876

3. Lillian Cunningham, 3613, Clerk-Stenographer III.....	N	4 680
4. William M. Winn, 7149, Clinical Photographer.....	N	6 300
5. Mary T. Jennings, 3611, Secretary (Stenographic).....	N	5 100
6. K. V. Katele, 3612, Histology Technologist.....	N	4 944
<i>Total, Histology</i>		<u>\$28 584</u>

Cooperative Investigations**TRUST — U.S. TASK ORDER 4**

Account Number 55-73-10

1. Alfonso Flores, 6198, Laboratory Assistant III.....	N	\$ 3 600
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TRUST — U.S. PUBLIC HEALTH SERVICE D232

Account Number 55-75-16

1. Judith A. Estes, 3619, Laboratory Assistant II.....	N87	\$ 2 610
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TRUST — U.S. PUBLIC HEALTH SERVICE CT 663

Account Number 55-75-35

1. Bennie Smith, 6581, Laboratory Assistant III.....	N	\$ 3 972
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Operative Dentistry

Account Number 05-15-75

1. Marie S. Holoubek, 3624, Clerk II.....	N	\$ 4 230
2. Donna M. Heisner, 3623, Secretary (Stenographic).....	N	4 410
<i>Total, Operative Dentistry.....</i>		<u>\$ 8 640</u>

Oral and Maxillofacial Surgery

Account Number 05-15-80

1. Alice C. Machen, 3627, Dental Clinic Assistant.....	N	\$ 4 380
2. Marie V. Venture, 7526, Dental Assistant.....	N	4 140
3. Aristeia Karagianis, 6561, Clerk III.....	N	3 600
4. Dona Wilcox, 3626, Head Nurse.....	N	4 950
5. Sylvia Correa, 3625, Secretary (Stenographic).....	N	4 350
<i>Total, Oral and Maxillofacial Surgery.....</i>		<u>\$21 420</u>

Orthodontics

Account Number 05-15-82

1. Shelli C. Hamer, 7595, Clerk-Typist II.....	N	\$ 3 660
2. Harold Markham, 3630, Photographer.....	N	4 650
3. Bess H. Faust, 3628, Secretary (Stenographic).....		.....
(On leave without pay)		
4. Eugenia S. Nocek, 3628, Secretary (Stenographic).....	N	5 280
<i>Total, Orthodontics</i>		<u>\$13 590</u>

Oral Pathology

Account Number 05-15-86

1. Leonora P. Bueno, 3631, Laboratory Assistant III.....	N	\$ 4 176
2. Ludmila V. Zmeskal, 3632, Secretary (Stenographic)....	ZN50	2 400
(Total Salary)		(4 800)
<i>Total, Oral Pathology.....</i>		<u>\$ 6 576</u>

Cooperative Investigations**TRUST — U.S. PUBLIC HEALTH SERVICE D625**

Account Number 55-80-05

1. Ludmilla Slessarew, 6599, Biochemistry Technologist....	N	\$ 4 380
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TRUST — U.S. PUBLIC HEALTH SERVICE D658

Account Number 55-80-11

1. Esther E. Mocega, 7795, Laboratory Assistant I.....	N	\$ 2 760
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TRUST — U.S. PUBLIC HEALTH SERVICE C 3029

Account Number 55-80-31

1. Victor M. Santos, 6709, Assistant Photographer.....	N	\$ 4 500
2. Ludmila V. Zmeskal, 3632, Secretary (Stenographic)....	ZN50	2 400
<i>Total, Trust — U.S. Public Health Service C 3029.....</i>		<u>\$ 6 900</u>

TRUST — U.S. PUBLIC HEALTH SERVICE 513

Account Number 55-80-35

1. Martha M. Cabrera, 3634, Laboratory Assistant II..... N \$ 3 444

TRUST — U.S. PUBLIC HEALTH SERVICE D785

Account Number 55-80-40

1. Margaret Jen, 7749, Laboratory Assistant I..... N \$ 2 760

Pedodontics

Account Number 05-15-88

1. Dorothy Cogwell, 3638, Dental Assistant..... N \$ 3 600

2. Verna S. Stieb, 3637, Dental Assistant..... N 4 200

3. Pauline James, 7103, Clerk-Typist II..... N 3 660

4. May G. Greenaway, 3635, Clinic Nurse..... N 5 730

Total, Pedodontics \$17 190**Radiology**

Account Number 05-15-90

1. Lois Williams, 3642, Clerk-Typist III..... N \$ 4 410

2. Annette M. Matula, 3641, Dental X-ray Technician I..... N 3 600

3. Michelene Pfeiffer, 3643, Dental X-ray Technician I..... N 3 600

4. Alberta Christiano, 3640, Dental X-ray Technician II..... N 5 250

5. J. D. Hauptfuehrer, 6386, Chief Dental X-ray Technician.. ZN93 7 127

(Total Salary) (7 680)

Total, Radiology \$23 987**Cooperative Investigations**

TRUST — U.S. PUBLIC HEALTH SERVICE D360

Account Number 55-75-45

1. J. D. Hauptfuehrer, 6386, Chief Dental X-ray Technician.. ZN7 \$ 553

TRUST — U.S. PUBLIC HEALTH SERVICE D360

Account Number 55-83-10

1. Julian Alvarez, 7237, Biochemistry Technologist..... N \$ 4 944

COLLEGE OF PHARMACY**Administration**

Account Number 05-18-05

1. John N. Johnson, 3658, Supply Attendant..... N \$ 3 396

2. Yolanda L. Pachorek, 3648, Clerk III..... N 4 050

3. Emma E. Trojanek, 3646, Chief Clerk..... N 4 800

4. Sally E. Jurinek, 3645, Secretary (Stenographic)..... N 4 830

5. Violet Klettka, 3647, Secretary (Stenographic)..... N 5 640

Total, Administration \$22 716**Chemistry**

Account Number 05-18-10

1. Sondra D. Lawson, 6004, Clerk-Stenographer III..... N \$ 4 020

2. Jean S. Filip, 3650, Secretary (Stenographic)..... N 4 830

3. Andrew Burger, 3654, Storekeeper..... N 4 872

4. Carl A. Voelker, 6019, Storekeeper..... N 3 780

5. Clifton Williams, 3657, Storekeeper..... N 3 852

Total, Chemistry \$21 354**Pharmacognosy and Pharmacology**

Account Number 05-18-15

1. _____, 3653, Laboratory Assistant III..... N \$ 3 600

2. Bobbie J. Little, 6003, Clerk-Stenographer III..... N 3 960

3. Dolores R. Pyzik, 3649, Clerk-Stenographer III..... N 4 350

4. Henry F. Luethje, 3652, Farm Foreman..... NS 5 850

5. Lee A. Sawyer, 3655, Storekeeper..... N 4 416

Total, Pharmacognosy and Pharmacology \$22 176

Pharmacy**Account Number 05-18-20**

1. Janis Zaube, 6016, Laboratory Assistant III.....	N	\$ 3 684
2. Charlotte E. Buck, 6005, Clerk-Stenographer III.....	N	4 350
3. C. G. LaChapelle, 3651, Clerk-Typist III.....	N	3 900
4. Theodore Mayer, 6017, Storekeeper.....	N	3 924
<i>Total, Pharmacy</i>		<u>\$15 858</u>

Stores — Hospital Pharmacy**Account Number 15-05-25**

1. J. Stefanovich, 6722, Laboratory Assistant I.....	NS	\$ 3 202
2. —————, 3661, Supply Attendant.....	NS	3 996
3. Geraldine Gist, 3659, Clerk-Typist III.....	NS	4 590
4. Frank E. Gorski, 3660, Storekeeper.....	NS	5 112
5. Samuel L. Gibbons, 5858, Manufacturing Pharmacy Technician.....	NS	4 500
<i>Total, Stores — Hospital Pharmacy</i>		<u>\$21 490</u>

Stores — Illinois Eye and Ear Infirmary Pharmacy**Account Number 15-05-28**

1. John L. Battersby, 3662, Supply Attendant.....	NS	\$ 3 996
<i>Total, Stores — Illinois Eye and Ear Infirmary Pharmacy</i>		<u>\$ 3 996</u>

GRADUATE COLLEGE**Administration****Account Number 05-19-05**

1. Margaret M. Mayer, 3369, Secretary (Stenographic)....	N	\$ 5 760
<i>Total, Administration</i>		<u>\$ 5 760</u>

Indirect Costs — Graduate College**Account Number 56-90-05**

1. Dorothy M. Walker, 7102, Clerk-Typist III.....	ZN50	\$ 1 980
(Total Salary)		(3 990)
<i>Total, Indirect Costs — Graduate College</i>		<u>\$ 1 980</u>

COLLEGE OF NURSING**Account Number 05-21-05**

1. Dorothy E. Goodman, 7542, Clerk-Stenographer II.....	N	\$ 4 020
2. Luvenia Hooks, 3668, Clerk-Typist II.....	N	3 600
3. Donna K. Salesman, 3666, Clerk-Typist II.....	N	3 600
4. Joanne M. Baer, 3672, Secretary (Stenographic).....	N	5 340
<i>Total, College of Nursing</i>		<u>\$16 560</u>

BROADCASTING**Account Number 05-22-05**

1. Roberta Spunt, 6672, Clerk-Typist III.....	N	\$ 4 260
2. Alfred E. Partridge, 6483, Radio Station Supervisor of Educational Programs	N	8 400
3. Barbara J. Jipson, 6753, Television Writer-Producer....	N	6 000
<i>Total, Broadcasting</i>		<u>\$18 660</u>

DIVISION OF SERVICES FOR CRIPPLED CHILDREN**State****Account Number 05-23-05**

1. Roland E. Zook, 0098, Research Analyst.....	N	\$ 8 700
2. Dorothy Dukett, 0029, Chief Clerk.....	N	5 100
3. Pauline M. Klarich, 5556, Chief Clerk.....	N	4 680
4. Sophie B. Mueller, 0031, Chief Clerk.....	N	4 200
5. Annabel Osby, 0030, Chief Clerk.....	N	5 640
6. Sylvia Bloomquist, 0038, Clerk-Stenographer III.....	N	4 620
7. Hilda H. Sullivan, 5372, Clerk-Stenographer III.....	N	4 200
8. Juanita Handley, 0061, Clerk-Typist III.....	N	4 200

9. Henrietta Marlowe, 0132, Clerk-Typist III.....	N	4 080
10. Mayme Riva, 0067, Clerk-Typist III.....	N	4 260
11. Margaret J. Galijas, 0025, Medical Social Consultant....	N	7 140
12. Catherine F. Lott, 0102, Medical Social Consultant.....	N	7 080
13. Elizabeth K. Moffit, 0103, Medical Social Consultant.....	N	6 720
14. Marion V. Smith, 0101, Medical Social Consultant.....	N	7 620
15. Dorothy L. Treiber, 6786, Medical Social Consultant.....	N	6 720
16. Grace F. Borah, 0014, Nursing Consultant.....	N	6 060
17. Frances L. Crites, 0011, Nursing Consultant.....	N	6 600
18. Gladys C. Gibbons, 0015, Nursing Consultant.....	N	6 540
19. Irene A. Gregg, 0012, Nursing Consultant.....	N	6 060
20. Madeline Groesch, 0016, Nursing Consultant.....	N	6 480
21. Mary E. Higgins, 0021, Nursing Consultant.....	N	6 900
22. Evelyn M. Kuehnle, 0022, Nursing Consultant.....	N	6 600
23. Josephine Remley, 0017, Nursing Consultant.....	N	6 840
24. Geneva M. Theis, 0018, Nursing Consultant.....	N	6 300
25. Vera M. Vathauer, 0020, Nursing Consultant.....	N	6 600
26. Marie L. Czwalski, 0005, Orthopaedic Nursing Con- sultant.....	N	7 020
27. Margaret Duffy, 0019, Orthopaedic Nursing Consultant...	N	7 140
28. Minna M. Hildebrand, 5296, Orthopaedic Nursing Con- sultant.....	N	7 020
29. Jean A. Sciora, 0006, Orthopaedic Nursing Consultant....	N	7 140
30. Myrtle E. Swanson, 0009, Orthopaedic Nursing Consultant	N	7 020
31. Irene R. Donohue, 0108, Speech and Hearing Consultant..	N	7 140
32. Evelyn M. Green, 0107, Speech and Hearing Consultant..	N	7 140
33. Kathleen F. Gunn, 6491, Speech and Hearing Consultant..	N	7 020
34. Burdette Thurman, 0110, Speech and Hearing Consultant..	N	6 840
35. Catherine Woods, 0109, Speech and Hearing Consultant..	N	7 020
36. Udell Renfro, 0094, Janitor.....	N	4 020
37. Freda M. Hicks, 0099, Office Manager.....	N	8 520
38. Leroy J. Votava, 0097, Personnel Officer.....	N	7 000
39. Helen Culbertson, 0027, Secretary (Stenographic).....	N	6 000
40. Zoe Hall, 0100, Medical Social Service Supervisor.....	N	9 240
41. Hedwig B. Trauba, 0001, Supervisor of Nursing Service..	N	9 240
42. Mary D. Ford, 0105, Assistant Supervisor of Nursing Service.....	N	8 160
43. Marjorie E. Gibson, 0002, Assistant Supervisor of Nursing Service.....	N	8 700
44. Jeannette Frasier, 0106, Supervisor of Speech and Hear- ing Service	N	9 240
<i>Total, State</i>		<u>\$290 560</u>

Business Office

Account Number 05-23-10

1. Lean C. Ryan, 0114, Accountant I.....	N	\$ 6 420
2. Addalein C. Hawk, 7153, Chief Clerk.....	N	4 920
3. Magdalen Krmelj, 0035, Clerk-Stenographer III.....	N	4 800
4. Irene B. Stauffer, 0073, Clerk-Typist II.....	N	3 600
5. William R. Hinds, 7154, Clerk-Typist III.....	N	4 800
<i>Total, Business Office.....</i>		<u>\$24 540</u>

Federal

Account Number 55-93-05

1. Lee F. Osborn, Jr., 5804, Cleft Palate Technical Assistant	N	\$ 6 510
2. Estelle M. Boccio, 0034, Clerk II.....	N	3 180
3. Rosemary M. Cook, 0091, Clerk II.....	N	2 820
4. Shirley Matthews, 0124, Clerk II.....	N	3 000
5. Georgene P. Menard, 66, Clerk II.....	N	2 820
6. Lynne E. Rosecrans, 0090, Clerk II.....	N	3 480
7. Marlene N. Stein, 6053, Clerk II.....	N	2 580
8. Donna J. Thomas, 5041, Clerk II.....	N	3 000
9. ———, 6729, Clerk II.....	N	2 580

10. —————, 0089, Clerk II.....	N	2 880
11. —————, 5208, Clerk II.....	N	2 400
12. Catherine H. Casey, 0063, Clerk III.....	N	3 900
13. Irene I. Cott, 0081, Clerk III.....	N	4 200
14. —————, 5796, Accounting Clerk I.....	N	3 180
15. Ann M. Shean, 0083, Chief Clerk.....	N	4 320
16. John C. Nichols, 0125, Stores Clerk.....	N	3 000
17. Marian Bailey, 0087, Typing Clerk III.....	N	3 660
18. Carol A. Diekemper, 0046, Clerk-Stenographer II.....	N	2 700
19. Dixie J. McGuire, 0068, Clerk-Stenographer II.....	N	3 300
20. Annette L. Roos, 0074, Clerk-Stenographer II.....	N	2 940
21. Patricia A. Abbott, 0057, Clerk-Stenographer III.....	N	3 720
22. Sharon I. Bath, 0123, Clerk-Stenographer III.....	N	3 480
23. Marian Borders, 7019, Clerk-Stenographer III.....	N80	3 360
24. M. Louise Emerson, 5295, Clerk-Stenographer III.....	N	3 600
25. Dorothy J. Forrest, 0078, Clerk-Stenographer III.....	N	3 660
(On leave without pay)		
26. Helen G. Hancock, 0050, Clerk-Stenographer III.....	N	3 720
27. Lamona H. Jeff, 0033, Clerk-Stenographer III.....	N	4 020
28. Virginia M. Jones, 0051, Clerk-Stenographer III.....	N	3 720
29. Shirley Kirksey, 6245, Clerk-Stenographer III.....	N	3 960
30. Dolores M. Koenig, 5571, Clerk-Stenographer III.....	N	4 800
31. Clarice N. Mauney, 0039, Clerk-Stenographer III.....	N	4 320
32. Doris Murrell, 0115, Clerk-Stenographer III.....	N	4 260
33. Joann R. Nelson, 0056, Clerk-Stenographer III.....	N	3 420
34. Joan S. O'Neill, 0052, Clerk-Stenographer III.....	N	4 260
35. Mayre R. Palmer, 0042, Clerk-Stenographer III.....	N	4 200
36. Bonita Pavelonis, 0055, Clerk-Stenographer III.....	N	3 780
37. Jeanette E. Radant, 0044, Clerk-Stenographer III.....	N	3 600
38. Georgia E. Rose, 5244, Clerk-Stenographer III.....	N	3 720
39. Pauline R. Sunbom, 0119, Clerk-Stenographer III.....	N	3 540
40. Jean A. Taphorn, 0048, Clerk-Stenographer III.....	N	3 600
41. Mildred B. Zverow, 0116, Clerk-Stenographer III.....	N50	2 280
42. Dorothy L. Girdler, 0084, Clerk-Typist II.....	N	2 820
43. Rosemary Howe, 0086, Clerk-Typist II.....	N	2 700
44. Harriett V. Sackman, 5248, Clerk-Typist II.....	N	3 240
45. Delores J. Solomon, 5289, Clerk-Typist II.....	N	3 060
46. Gloria A. Stuemke, 5192, Clerk-Typist II.....	N	3 000
47. —————, 0071, Clerk-Typist II.....	N	3 180
48. —————, 0070, Clerk-Typist II.....	N	3 180
49. —————, 0121, Clerk-Typist II.....	N	3 420
50. —————, 0062, Clerk-Typist II.....	N	3 300
51. —————, 0092, Clerk-Typist II.....	N	2 520
52. —————, 5596, Clerk-Typist II.....	N	2 940
53. Mary E. Anderson, 0120, Clerk-Typist III.....	N	4 260
54. Helen L. Bottoms, 0041, Clerk-Typist III.....	N	4 020
55. Mary Ann Bruss, 0059, Clerk-Typist III.....	N	3 960
56. Ella B. Johnson, 0047, Clerk-Typist III.....	N	4 320
57. Dorothy McCullough, 0060, Clerk-Typist III.....	N	4 440
58. Marie J. Moore, 0117, Clerk-Typist III.....	N	3 840
59. Patricia A. Willhoit, 0036, Clerk-Typist III.....	N	3 660
60. Elizabeth J. Bailless, Medical Social Consultant.....	N	5 400
61. Mildred A. Bomba, 0024, Medical Social Consultant.....	N	6 000
62. E. Holkinbrink, 0008, Nursing Consultant.....	N	5 100
63. Eugenia Waechter, 0008, Nursing Consultant.....	N	6 540
(On leave without pay July, August, and September, 1959)		
64. —————, 0003, Orthopaedic Nursing Consultant.....	N	5 520
65. John G. Cikas, 0127, Janitor.....	N	4 800
66. Eunice G. Levander, 4892, Clinic Nurse.....	N80	4 860
67. Donnie R. Thomas, 0088, Duplicating Machine Operator III.....	N	3 900
(On military leave without pay)		

68. William E. Drake, 6038, Tabulating Machine Operator II	N	3 600
69. Miho T. Hoyer, 0134, Secretary (Stenographic).....	N	5 100
70. Stella Friedman, 0026, Office Supervisor.....	N	6 120
<i>Total, Federal</i>		<u>\$264 270</u>

Business Office

Account Number 55-93-10

1. Helen G. Reynolds, 0076, Clerk-Typist II.....	N	\$ 3 120
2. Colleen R. Votsmier, 0072, Clerk-Typist II.....	N	3 120
3. Marie Million, 0080, Clerk-Typist III.....	N	4 260
<i>Total, Business Office</i>		<u>\$10 500</u>

PHYSICAL EDUCATION**Physical Education for Men**

Account Number 05-24-05

1. Thomas E. Zirol, 3678, Men's Locker Room Attendant..	N	\$ 4 590
<i>Total, Physical Education for Men</i>		<u>\$ 4 590</u>

AEROMEDICAL AND PHYSICAL ENVIRONMENT LABORATORY

Account Number 05-25-05

1. Eugene Robbins, 3684, Laboratory Assistant II.....	N	\$ 3 504
2. John Hansen, 3681, Laboratory Operating Engineer.....	P	6 996
3. Minnie Schneider, 3682, Secretary (Stenographic).....	N	5 910
4. William Kadetz, 3680, Supervisor of Mechanical, Electrical, and Electronic Equipment.....	N	8 850
5. Irena Kairys, 7280, Electron Microscope Technician.....	N	4 800
<i>Total, Aeromedical and Physical Environment Laboratory</i>		<u>\$30 060</u>

INSTITUTION FOR TUBERCULOSIS RESEARCH

Account Number 03-26-10

1. Vita Baleisis, 3692, Laboratory Assistant I.....	N	\$ 2 964
2. Zylphia W. Bruder, 3695, Laboratory Assistant I.....	N ⁵⁶	1 714
3. Brone Repeika, 7405, Laboratory Assistant I.....	N	2 844
4. Nijole R. Raisys, 7018, Laboratory Assistant II.....	N	3 372
5. Edwin R. Herskind, 3694, Animal Caretaker.....	N	4 740
6. Margaret G. Thorne, 3689, Clerk III.....	N ³⁰	1 330
7. Carol W. Belew, 5906, Clerk-Stenographer II.....	N ⁵¹	1 686
8. James E. P. Libby, 3690, Statistician I.....	N	4 900
9. Robert M. Bechtle, 7729, Chief Medical Technologist....	N	7 500
<i>Total, Institution for Tuberculosis Research</i>		<u>\$31 050</u>

RESEARCH AND EDUCATIONAL HOSPITALS**Administration**

Account Number 05-27-05

1. Carl T. Heinze, 3696, Assistant Administrator of Research and Educational Hospitals.....	N	\$ 9 800
2. Mary V. Munizzo, 3705, Cashier II.....	N	4 080
3. _____, Cashier II.....	N	3 600
4. Stephanie E. Banich, 4924, Clerk III.....	N	3 720
5. Edna C. Kelleher, 3712, Clerk III.....	N	3 720
6. Dorothy C. Neary, 3709, Clerk III.....	N	3 600
7. Herbert A. Repp, 4966, Clerk III.....	N	3 720
8. Olga Swistek, 4967, Clerk III.....	N	3 960
9. _____, 7743, Clerk III.....	N	3 600
10. Veronica Kavanagh, 3706, Chief Clerk.....	N	5 070
11. Claudette Michalec, 7375, Clerk-Stenographer III.....	N	4 560
12. Barbara A. Prochep, 3699, Clerk-Typist II.....	N	3 660
13. Elizabeth Jacobson, 6389, Clerk-Typist III.....	N	3 840
14. Esther Karl, 3704, Clerk-Typist III.....	N	4 680
15. Judith L. Monsen, 6138, Clerk-Typist III.....	N	3 840
16. Jean L. Rath, 3701, Clerk-Typist III.....	N	3 960

17. _____, Clerk-Typist III.....	N	3 600
18. _____, Clerk-Typist III.....	N	3 600
19. Dorothy A. Avent, 7152, Bookkeeping Machine Operator I	N	3 780
20. _____, 3703, Bookkeeping Machine Operator II...	N	3 720
21. Mary E. Keating, 3698, Secretary (Stenographic).....	N	6 000
22. Mary Ellen Maloney, 3350, Administrative Secretary (Stenographic).....	N	7 000
23. Daniel P. Conforti, 7078, Inventory Supervisor.....	N	4 800
24. Doris E. Dahl, 7268, Supervisor of Credit Collections....	N	6 780
<i>Total, Administration</i>		\$108 690

Admissions

Account Number 05-27-10		
1. Ida Damore, 3732, Clerk II.....	N	\$ 3 540
2. Josie Mitchell, 3948, Clerk II.....	N	3 540
3. Florence Hellmuth, 3733, Clerk-Typist II.....	N	3 510
4. Avusa M. Washington, 3731, Clerk-Typist II.....	N	3 540
5. Margaret A. Aydt, 3729, Admitting Officer.....	N	3 600
6. Mary C. Berardi, 3724, Admitting Officer.....	N	3 534
(Perquisites Employee — one meal)		
7. Dolores M. Daily, 5759, Admitting Officer.....	N	3 810
8. Ruth Enger, 3728, Admitting Officer.....	N	4 470
9. Marjorie Hennings, 6115, Admitting Officer.....	N	3 780
10. Catherine Redmond, 3725, Admitting Officer.....	N	3 720
11. Mary Saturnino, 3727, Admitting Officer.....	N	3 090
12. Margaret Sheppard, 3726, Admitting Officer.....	N	3 600
13. _____, Admitting Officer.....	N	3 600
14. Marie J. Zullo, 6100, Admitting Officer.....	N	3 600
15. Ann P. Knipper, 3723, Chief Admitting Officer.....	N	5 670
<i>Total, Admissions</i>		\$57 504

Anesthesiology

Account Number 05-27-12		
1. Theodore R. London, 5590, Anesthesia-Inhalation Ther- apy Technician	N	\$ 4 380
2. Evander W. Maclin, 7053, Anesthesia-Inhalation Therapy Technician	N	4 740
<i>Total, Anesthesiology</i>		\$ 9 120

Central Supply

Account Number 05-27-15		
1. John Bettinardi, 3739, Laboratory Assistant III.....	N	\$ 4 716
2. Nettie Croom, 5043, Supply Attendant.....	N	3 396
3. Helen Dickerson, 6917, Supply Attendant.....	N	2 964
4. Essie Mae Goss, 5760, Supply Attendant.....	N	3 252
5. Vera Green, 3743, Supply Attendant.....	N	3 060
6. Esther Jenkins, 5995, Supply Attendant.....	N	3 252
7. Beulah M. Jones, 5515, Supply Attendant.....	N	3 252
8. Odessa Maclin, 5824, Supply Attendant.....	N	2 880
9. Grace M. Marcatante, 6234, Supply Attendant.....	N	3 252
10. Lola Marsh, 5810, Supply Attendant.....	N	3 252
11. Emma L. McClinton, 3742, Supply Attendant.....	N	3 396
12. Leota B. Minor, 6084, Supply Attendant.....	N	3 252
13. Estella Montgomery, 5885, Supply Attendant.....	N	3 252
14. Eva L. Pass, 6858, Supply Attendant.....	N	2 964
15. Julia Sechter, 3744, Supply Attendant.....	N	3 396
16. Annie Thomas, 6710, Supply Attendant.....	N	3 060
17. Della F. Stone, 5792, Typing Clerk II.....	N	3 300
18. Helen Waichulis, 4503, Surgical Dressing Maker.....		....
(On leave without pay)		
19. Mary Mitch, 3736, Head Nurse.....	N	4 812
(Perquisites Employee — two meals and room; Uni- versity — one meal)		(732)

20. Caroline A. Buban, 3741, Staff Nurse.....	N	4 680
21. Iris Hill, 3735, Supervising Nurse.....	N	6 744
(Perquisites University — one meal)		
Total, Central Supply.....		\$72 132

Clinics

Account Number 05-27-20

1. Linda L. Bickart, 3778, Clerk II.....	N	\$ 3 360
2. Mildred M. Bloom, 3780, Clerk II.....	N	3 660
3. Willie M. Marshall, 3781, Clerk II.....	N	3 210
4. Elizabeth Menendez, 3779, Clerk II.....	N	3 210
5. Mildred Nicholas, 3780, Clerk II.....	N	3 900
6. Annie M. Rhodes, 3784, Clerk II.....	N	3 660
7. Florence L. Marken, 6370, Clerk III.....	N	3 600
8. Mary F. Sheppard, 3777, Clerk III.....	N	3 750
9. Catherine Brennan, 5702, Typing Clerk II.....	N	3 480
10. ———, 6139, Typing Clerk II.....	N	3 450
11. Shirley M. Poupa, 3434, Clerk-Stenographer III.....	N	3 900
12. Dorothy E. Varnadoe, 6896, Clerk-Stenographer III.....	N	4 320
13. ———, Clerk-Stenographer III.....	N	5 040
14. Emma Mary Chiles, 3782, Clerk-Typist II.....	N	3 330
15. Alice J. Harper, 5560, Clerk-Typist II.....	N	3 390
16. Esther H. Johnson, 3785, Clerk-Typist II.....	N	3 660
17. ———, 3783, Clerk-Typist II.....	N	3 360
18. ———, Clerk-Typist II.....	N	3 120
19. Betty C. Dahlback, 6878, Clerk-Typist III.....	N	3 600
20. Rosemary Wolf, 3776, Clerk-Typist III.....	N	3 930
21. ———, 6369, Clerk-Typist III.....	N	3 690
22. ———, Clerk-Typist III.....	N	3 900
23. Ida M. Smith, 3746, Assistant Director of Nursing.....	N	6 834
(Perquisites University — one meal)		
24. Gretchen A. Osgood, 5421, Associate Director of Nursing N		7 464
(Perquisites University — one meal)		
25. Victoria Barry, 3763, Clinic Nurse.....	N	5 400
26. Katherine Beyenka, 3755, Clinic Nurse.....	N	5 484
(Perquisites University — one meal)		
27. Lois L. Bonham, 3768, Clinic Nurse.....	N	4 944
(Perquisites University — one meal)		
(On leave without pay)		
28. Frances Lehman, 3759, Clinic Nurse.....	N	5 514
(Perquisites University — one meal)		
29. Clarice E. Marriott, 3765, Clinic Nurse.....	N	5 724
(Perquisites University — one meal)		
30. Jean McCallum, 3770, Clinic Nurse.....	N	5 124
(Perquisites University — one meal)		
31. Smilja Pokrajac, 3767, Clinic Nurse.....	N	5 724
(Perquisites University — one meal)		
32. Edith Ramsey, 3757, Clinic Nurse.....	N	5 784
(Perquisites University — one meal)		
33. Eva Ramsey, 3760, Clinic Nurse.....	N	5 784
(Perquisites University — one meal)		
34. ———, 3752, Head Nurse.....	N	4 890
35. Gladys E. Block, 3751, Staff Nurse.....	N	4 764
(Perquisites University — one meal)		
36. Annette Caracello, 3761, Staff Nurse.....	N	4 524
(Perquisites University — one meal)		
37. Marian C. Frick, 3764, Staff Nurse.....	N	4 704
(Perquisites University — one meal)		
38. Betty J. Gray, 3792, Staff Nurse.....	N	4 524
(Perquisites University — one meal)		
39. Nancy S. Harrington, 6087, Staff Nurse.....	N	4 794
(Perquisites University — one meal)		
40. Ardith J. Hubbard, 3769, Staff Nurse.....	N	4 524
(Perquisites University — one meal)		

41. Jean A. Kasper, 3758, Staff Nurse..... N	4 404
(Perquisites University—one meal)	
42. Joan A. Kimmey, 3773, Staff Nurse..... N	3 672
(Perquisites Employee—two meals and room; University—one meal)	(732)
43. Alma E. Kline, 3771, Staff Nurse..... N	4 704
(Perquisites University—one meal)	
44. Doris L. Lefley, 3762, Staff Nurse..... N	4 704
(Perquisites University—one meal)	
45. Mary C. Mallon, 3748, Staff Nurse..... N	4 854
(Perquisites University—one meal)	
46. Carrie H. Manley, 6871, Staff Nurse..... N	4 494
(Perquisites University—one meal)	
47. Antoinette Mazanec, 4191, Staff Nurse..... N	4 764
(Perquisites University—one meal)	
48. ———, 3772, Staff Nurse..... N	4 404
(Perquisites University—one meal)	
49. Joyce A. Zarcone, 3756, Staff Nurse..... N	4 524
(Perquisites University—one meal)	
50. Vera Dexheimer, 3749, Supervising Nurse..... N	5 904
(Perquisites University—one meal)	
51. Mary LoCicero, 3754, Supervising Nurse..... N	6 174
(Perquisites University—one meal)	
52. Kathryn L. McGann, 3766, Supervising Nurse..... N	6 330
53. Bernice J. Bernhart, 3775, Secretary (Stenographic)..... N	6 300
54. John Lardner, 3774, Supervisor of Urology Clinic..... N	5 364
(Perquisites University—one meal)	
(On leave without pay)	
<i>Total, Clinics</i>	<hr/> \$247 620

Dietetics

Account Number 05-27-25	
1. Charlie Perkins, 7439, Clerk II..... N	\$ 3 420
2. Dorothy A. Gallo, 3805, Clerk-Stenographer III..... N	4 080
3. Danuta J. Niemiro, 3813, Clerk-Typist II..... N	3 540
4. Betty A. Stone, 3806, Clerk-Typist III..... N	3 840
5. Rosemary Gleason, 3808, Dietitian..... N	5 220
(Perquisites University—one meal)	
6. Ann T. Gorman, 3797, Dietitian..... N	5 700
(Perquisites University—one meal)	
7. Gladys A. Johnson, 3800, Dietitian..... N	5 220
(Perquisites University—one meal)	
8. Mary Alice Johnson, 3795, Dietitian..... N	5 700
(Perquisites University—one meal)	
9. Barbara Lafrentz, 3796, Dietitian..... N	4 980
(Perquisites University—one meal)	
10. Beata A. Link, 3798, Dietitian..... N	5 070
(Perquisites University—one meal)	
11. Mary J. Trimble, 3809, Dietitian..... N	5 220
(Perquisites University—one meal)	
12. Mary Lou VanDyke, 5997, Dietitian..... N	5 310
(Perquisites University—one meal)	
13. ———, 3802, Dietitian..... N	4 980
(Perquisites University—one meal)	
14. ———, 6544, Dietitian..... N	4 620
(Perquisites University—one meal)	
15. ———, 3810, Dietitian..... N	4 800
(Perquisites University—one meal)	
16. Bernita A. Youngs, 6239, Dietitian..... N	5 220
(Perquisites University—one meal)	
17. Alpha Q. Stine, 3793, Director of Dietary Service..... N	8 600
(Perquisites University—one meal)	

18. Mary C. Beckers, 7029, Assistant Director of Dietary Service.....	N	6 600
(Perquisites University — one meal)		
19. ———, 6322, Assistant Food Production Manager. N		4 800
(Perquisites University — one meal)		
20. L. A. Crisologo, 5886, Food Service Supervisor.....	N	4 560
(Perquisites University — one meal)		
21. ———, 5761, Food Service Supervisor.....	N	4 500
(Perquisites University — one meal)		
<i>Total, Dietetics</i>		<u>\$105 980</u>

Emergency Service

Account Number 05-27-27

1. Arthur Dimschultz, 3707, Clerk III.....		.....
(On leave without pay)		
2. Henry Mueller, 3707, Clerk III.....	N	\$ 4 260
3. Avis Abbey, 6477, Typing Clerk II.....	N	3 480
4. Clara O. Loesch, 6478, Head Nurse.....	N	5 904
(Perquisites University — one meal)		
5. Helene Janson, 6228, Licensed Practical Nurse.....	N	2 832
(Perquisites Employee — two meals and room; University — one meal)		(732)
6. Ethel H. Roberts, 6305, Licensed Practical Nurse.....	N	3 660
7. ———, Licensed Practical Nurse.....	N	3 420
8. Margaret A. Fisher, 3895, Staff Nurse.....	N	4 644
(Perquisites University — one meal)		
9. June M. Matasic, 3893, Staff Nurse.....	N	4 764
(Perquisites University — one meal)		
10. Jean C. Ricardi, 3892, Staff Nurse.....	N	4 524
(Perquisites University — one meal)		
11. Jerlena M. Vinson, 3894, Staff Nurse.....	N	4 794
(Perquisites University — one meal)		
12. ———, 7252, Staff Nurse.....	N	4 284
(Perquisites University — one meal)		
13. Helen Lane, 3890, Supervising Nurse.....	N	6 744
(Perquisites University — one meal)		
<i>Total, Emergency Service</i>		<u>\$53 310</u>

Laboratory

Account Number 05-27-30

1. Hershel G. Baker, 3896, Hospital Laboratory Technical Assistant.....	N	\$ 7 380
2. Essie Lee Jackson, 6237, Laboratory Assistant I.....	N	3 396
3. Rosabelle Perry, 5075, Laboratory Assistant I.....	N	2 964
4. Lucille Hoff, 3919, Laboratory Assistant II.....	N	4 020
5. Audrianne Nagle, Laboratory Assistant II.....	N	3 648
6. Hinda Shamberg, 6865, Laboratory Assistant II.....	N	3 108
7. Vivian A. Turner, 3930, Laboratory Assistant II.....	N	3 576
8. Maida M. Osaki, 5884, Chief Clerk.....	N	4 860
9. Ludmilla Asamat, 6641, Typing Clerk II.....	N	3 720
10. Naomi A. Harks, 6986, Clerk-Stenographer II.....	N	3 540
11. Anne C. Numoff, 3922, Clerk-Stenographer III.....	N	4 560
12. Helen Vincent, 6617, Clerk-Typist II.....	N	3 660
13. ———, Clerk-Typist III.....	N	3 600
14. Maria Andreeff, 3910, Biochemistry Technologist.....	N	4 380
15. Fumi Ichiba, 5338, Biochemistry Technologist.....	N	4 704
16. V. T. Jurkunas, 3908, Biochemistry Technologist.....	N	4 380
17. Ethelle Katz, 6057, Biochemistry Technologist.....	N	4 704
18. Jeanne F. Miller, 3898, Biochemistry Technologist.....	N	5 580
19. Catherine Nobe, 3900, Biochemistry Technologist.....	N	5 856
20. Lilla M. Perry, 3911, Biochemistry Technologist.....	N	4 380
21. Louise V. Atkinson, 3932, Hematology Technologist.....	N	4 380
22. Maxine Friedenberg, 3906, Hematology Technologist.....	N	4 488
23. Pola M. Rokicki, 3907, Hematology Technologist.....	N	4 380

24. Laverne J. Vetting, 3904, Hematology Technologist.....	N	4 824
25. —————, 6866, Hematology Technologist.....	N	5 580
26. —————, 3928, Hematology Technologist.....	N	4 824
27. Wilma L. Benson, 6773, Medical Technologist I.....	N	3 780
28. Leila Edwards, 3933, Medical Technologist I.....	N	3 780
29. Shirley L. Fannin, 3917, Medical Technologist I.....	N	3 876
30. Joanne F. Francel, 3912, Medical Technologist I.....	N	3 876
31. Wilhelmina Garner, 6262, Medical Technologist I.....	N	3 972
32. Claudette Hamilton, 3909, Medical Technologist I.....	N	3 600
33. Elvira A. Jeffries, 3916, Medical Technologist I.....	N	3 600
34. Louise Kopoleff, 3914, Medical Technologist I.....	N	3 684
35. Hazel Livingston, 5161, Medical Technologist I.....	N	3 780
36. Pauline Piowaty, 3901, Medical Technologist I.....	N	4 068
37. Milda Povilaitis, 3913, Medical Technologist I.....	N	3 876
38. Agnes Shieh, 7658, Medical Technologist I.....	N	3 972
39. Augusta M. Wilson, 7818, Medical Technologist I.....	N	3 600
40. Darlene Wunderlich, 7117, Medical Technologist I.....	N	4 716
41. —————, 3923, Medical Technologist I.....	N	3 600
42. —————, Medical Technologist I.....	N	4 176
43. Mileva Zizic, 6394, Medical Technologist I.....	N	3 780
44. Vincent E. Baginski, 3927, Chief Medical Technologist..	N	7 560
45. Thelma M. Garvin, 3915, Chief Medical Technologist....	N	7 200
46. Mary P. Turner, 3899, Chief Medical Technologist.....	N	7 560
47. Elizabeth J. Bond, 3902, Microbiology Technologist.....	N	5 316
48. Phyllis E. Conner, 6056, Microbiology Technologist.....	N	4 380
49. Mary V. Donahue, 3897, Microbiology Technologist.....	N	6 000
50. Helen Kirkpatrick, 3903, Microbiology Technologist.....	N	4 488
<i>Total, Laboratory</i>		<u>\$222 732</u>

Linen Service

Account Number 05-27-35		
1. William F. Lenkon, 3940, Linen Room Attendant.....	N	\$ 3 240
2. Willard Mauldin, 3938, Linen Room Attendant.....	N	3 432
3. Oscar Minnis, 3937, Linen Room Attendant.....	N	3 984
4. Glenn Sharp, 3935, Linen Room Attendant.....	N	4 380
5. Augusta Williams, 3939, Linen Room Attendant.....	N	3 864
6. Anna McNicholas, 3934, Supervisor of Linen Service....	N	5 760
<i>Total, Linen Service.....</i>		<u>\$24 660</u>

Medical Records

Account Number 05-27-40		
1. Rachel Atkinson, 3963, Clerk II.....	N	\$ 3 480
2. Mable Y. Boose, 3959, Clerk II.....	N	3 000
3. Faith C. Charles, 3953, Clerk II.....	N	3 000
4. Marvelyn A. Childs, 5790, Clerk II.....	N	3 000
5. Pearlina Crosby, 3966, Clerk II.....	N	3 180
6. Amy E. Greer, 3962, Clerk II.....	N	3 510
7. Lucille Henry, 3965, Clerk II.....	N	3 000
8. Alberta V. Howard, 3961, Clerk II.....	N	3 510
9. Evelyn N. Lackland, 3957, Clerk II.....	N	3 000
10. Shirley M. Lowery, 5636, Clerk II.....	N	3 510
11. Rosa M. Sowell, 3955, Clerk II.....	N	3 480
12. Ann R. Williams, 3954, Clerk II.....	N	3 000
13. Hazel E. Chapman, 6296, Clerk III.....	N	3 600
14. Marian Florio, 3950, Clerk III.....	N	3 720
15. Grace Muzzall, 5905, Clerk III.....	N	3 750
16. Gloria D. Norman, 6331, Clerk III.....	N	4 230
17. Eleanor Panos, 6127, Clerk III.....	N	3 750
18. Mary Lou Reader, 3949, Clerk III.....	N	3 750
19. Eulacie G. Rowan, 3964, Clerk III.....	N	4 230
20. Helen F. Stocking, 3947, Clerk III.....	N	.....
(On leave without pay)		
21. —————, 3947, Clerk III.....	N	4 500
22. —————, 6562, Typing Clerk II.....	N	3 900

23. Marilyn J. Strasser, 5883, Clerk-Stenographer III.....	N	4 200
24. Janice H. Avant, 7085, Clerk-Typist II.....	N	3 360
25. Ann S. Rapp, 3960, Clerk-Typist II.....	N	3 720
26. Rita M. Finnegan, 3951, Medical Record Librarian.....	N	5 580
27. Mary Joan Wogan, 6043, Medical Record Librarian.....	N	5 580
28. ———, 6643, Medical Record Librarian.....	N	4 800
29. Dorothy V. Dunne, 3941, Chief Medical Record Librarian	N	7 440
30. William O. Burton, 6151, Messenger.....	N	3 600
31. Lawrence Richmond, 6150, Messenger.....	N	3 780
32. Mildred M. Evans, 6463, Secretary (Transcribing).....	N	5 190
33. Lillie E. Davis, 6724, Medical Typist.....	N	4 080
34. Christine Hamby, 6725, Medical Typist.....	N	4 620
35. Cora C. Williams, 7504, Medical Typist.....	N	3 900
36. ———, 6965, Medical Typist.....	N	4 200
37. ———, Medical Typist.....	N	3 900
<i>Total, Medical Records.....</i>		<i>\$142 050</i>

Nursing

Illinois Eye and Ear Infirmary

Account Number 05-27-44

1. Juanita Echols, 5186, Typing Clerk II.....	N	\$ 3 540
2. Barbara J. Pass, 6637, Typing Clerk II.....	N	3 240
3. Sally M. Stewart, 7419, Typing Clerk II.....	N	3 060
4. ———, Typing Clerk II.....	N	3 120
5. Harriet B. Vasic, 4269, Clerk-Stenographer III.....	N	5 250
6. Emma D. Condl, 4235, Assistant Director of Nursing....	N	7 194
(Perquisites University — one meal)		
7. Ferne F. Sieling, 4235, Assistant Director of Nursing....	N	.....
(On leave without pay)		
8. Caroline Stewart, 4234, Associate Director of Nursing... N		8 154
(Perquisites University — one meal)		
9. Lois Fittin, 4238, Head Nurse.....	N	5 064
(Perquisites University — one meal)		
10. Katherine D. Grady, 4270, Head Nurse.....	N	5 244
(Perquisites University — one meal)		
11. Helen S. Guarino, 4236, Head Nurse.....	N	5 310
12. Nancy Izzo, 6905, Head Nurse.....	N	5 724
(Perquisites University — one meal)		
13. Madge Lovik, 4268, Head Nurse.....	N	5 154
(Perquisites University — one meal)		
14. Madonna McDevitt, 4265, Head Nurse.....	N	4 944
(Perquisites University — one meal)		
15. Bessie G. Reyher, 4237, Head Nurse.....	N	5 064
(Perquisites University — one meal)		
16. ———, 4267, Head Nurse.....	N	4 734
(Perquisites University — one meal)		
17. ———, 4256, Head Nurse.....	N	4 644
(Perquisites University — one meal)		
18. Bessie Becka, 4240, Assistant Head Nurse.....	N	4 854
(Perquisites University — one meal)		
19. Freda H. Brown, 4250, Assistant Head Nurse.....	N	4 944
(Perquisites University — one meal)		
20. Elvera H. Hanson, 4239, Assistant Head Nurse.....	N	4 734
(Perquisites University — one meal)		
21. Isabella Karalius, 4271, Assistant Head Nurse.....	N	4 914
(Perquisites University — one meal)		
22. Sophie Kratochvil, 4248, Assistant Head Nurse.....	N	5 544
(Perquisites University — one meal)		
23. Florine Dillard, 6714, Licensed Practical Nurse.....	N	3 504
(Perquisites University — one meal)		
24. Thelma A. Jackson, 6713, Licensed Practical Nurse.....	N	3 504
(Perquisites University — one meal)		
25. Gloria C. Nails, 6740, Licensed Practical Nurse.....	N	3 504
(Perquisites University — one meal)		

26. Lois A. Randle, 6718, Licensed Practical Nurse..... N	3 504
(Perquisites University — one meal)	
27. Louise Ricks, 6739, Licensed Practical Nurse..... N	3 504
(Perquisites University — one meal)	
28. Sharon L. Antonucci, 4244, Staff Nurse..... N	4 524
(Perquisites University — one meal)	
29. C. C. Christopher, 4258, Staff Nurse..... N	4 404
(Perquisites University — one meal)	
30. Dolores A. Ciasto, 4243, Staff Nurse..... N	4 404
(Perquisites University — one meal)	
31. Emma E. B. Follmer, 4253, Staff Nurse..... N	4 704
(Perquisites University — one meal)	
32. Donamay E. Garceau, 4245, Staff Nurse..... N	4 284
(Perquisites University — one meal)	
33. Marian D. Hopley, 4241, Staff Nurse..... N	4 404
(Perquisites University — one meal)	
34. Gertrude E. Johnson, 4257, Staff Nurse..... N	4 524
(Perquisites University — one meal)	
(On leave without pay)	
35. Blossom C. Lemieux, 4252, Staff Nurse..... N	4 920
36. Ann Moore, 4260, Staff Nurse..... N	3 948
(Perquisites Employee — one meal and room; University — one meal)	(576)
37. Norma Musaliar, 4261, Staff Nurse..... N	4 524
(Perquisites University — one meal)	
38. Marilyn A. Weldon, 4272, Staff Nurse..... N	4 524
(Perquisites University — one meal)	
39. ———, 4254, Staff Nurse..... N	4 344
(Perquisites University — one meal)	
40. ———, 4259, Staff Nurse..... N	4 284
(Perquisites University — one meal)	
41. ———, 4251, Staff Nurse..... N	4 284
(Perquisites University — one meal)	
42. Doris M. Hundebly, 4255, Supervising Nurse..... N	5 904
(Perquisites University — one meal)	
43. Elizabeth H. Nash, 4263, Supervising Nurse..... N	6 054
(Perquisites University — one meal)	
44. ———, 4247, Supervising Nurse..... N	6 144
(Perquisites University — one meal)	
<i>Total, Nursing — Illinois Eye and Ear Infirmary.....</i>	<i>\$202 128</i>

General

Account Number 05-27-45

1. Grace Calmer, 3973, Assistant to Director of Nursing... N	\$ 5 712
(Perquisites Employee — two meals and room; University — one meal)	(732)
2. Virginia M. Counts, 4101, Assistant to Director of Nursing..... N	5 412
(Perquisites Employee — two meals and room; University — one meal)	(732)
3. Ellen E. Finnigan, 3970, Assistant to Director of Nursing N	7 170
4. Juanita Hamilton, 3971, Assistant to Director of Nursing N	6 072
(Perquisites Employee — two meals and room; University — one meal)	(732)
5. Frances B. Kubilski, 3974, Assistant to Director of Nursing..... N	6 444
(Perquisites University — one meal)	
6. Clara J. Longbons, 5915, Assistant to Director of Nursing N	6 384
(Perquisites University — one meal)	
7. Eunice I. Reim, 3972, Assistant to Director of Nursing.. N	6 360
(On leave without pay)	
8. Wanda M. Zumpano, 4121, Assistant to Director of Nursing..... N	6 384
(Perquisites University — one meal)	

9. James Brown, 6376, Supply Attendant.....	N	3 816
10. Shelby F. Jones, 4097, Clerk III.....	N	4 200
11. Anna Ware, 4096, Clerk III.....	N	4 020
12. Ruthie M. Allen, 4090, Typing Clerk II.....	N	3 300
13. Orthella M. Frazier, 5803, Typing Clerk II.....	N	3 360
14. Edna L. Hall, 4098, Typing Clerk II.....	N	3 420
15. Barbara J. Jordan, 6821, Typing Clerk II.....	N	3 060
16. Arlene J. Kye, 4095, Typing Clerk II.....	N	3 120
17. Eloise Louis, 6881, Typing Clerk II.....	N	3 300
18. Wilhelmina Miller, 4231, Typing Clerk II.....	N	3 000
19. Ruth J. Moore, 4094, Typing Clerk II.....	N	3 300
20. Sara M. Perkins, 6752, Typing Clerk II.....	N	3 060
21. Grace H. Robinson, 6193, Typing Clerk II.....	N	3 360
22. Collette C. Ward, 4230, Typing Clerk II.....	N	3 300
23. Janice B. Washington, 6347, Typing Clerk II.....	N	3 060
24. Lucille Williams, 4233, Typing Clerk II.....	N	3 060
25. Florene Wright, 6295, Typing Clerk II.....	N	3 360
26. Lagreta C. Fields, 3976, Clerk-Stenographer III.....	N	3 900
27. Barbara P. Lemel, 4229, Clerk-Stenographer III.....	N	4 200
28. Catherine M. Kovac, 6260, Clerk-Typist II.....	N	3 960
29. _____, 7059, Clerk-Typist II.....	N	3 300
30. Helen Bruck, 4120, Assistant Director of Nursing.....	N	6 984
(Perquisites University — one meal)		
31. Elizabeth Furnas, 3969, Assistant Director of Nursing...	N	7 074
(Perquisites University — one meal)		
32. Antoinette Radek, 3968, Assistant Director of Nursing...	N	7 230
33. Ruth M. Carroll, 3967, Associate Director of Nursing....	N	8 364
(Perquisites University — one meal)		
34. Robert Walker, 7356, Messenger.....	N	3 792
35. Jean Altenberg, 5974, Head Nurse.....	N	4 884
(Perquisites University — one meal)		
36. Monica Cavanaugh, 3988, Head Nurse.....	N	5 784
(Perquisites University — one meal)		
37. Sophia Ciesla, 4124, Head Nurse.....	N	5 304
(Perquisites University — one meal)		
38. Violet Conforti, 3986, Head Nurse.....	N	5 724
(Perquisites University — one meal)		
39. Sophia Dobrychlop, 3993, Head Nurse.....	N	5 544
(Perquisites University — one meal)		
40. Joyce A. Durie, 6768, Head Nurse.....	N	4 332
(Perquisites Employee — two meals and room; University — one meal)		
41. Anita A. Favretto, 4123, Head Nurse.....	N	5 364
(Perquisites University — one meal)		
42. Evelyn M. Feru, 4000, Head Nurse.....	N	4 752
(Perquisites Employee — two meals and room; University — one meal)		
43. Rosemarie F. Fitzek, 3996, Head Nurse.....	N	5 064
(Perquisites University — one meal)		
44. Edna Glover, 4127, Head Nurse.....	N	5 370
45. Georgia M. Hairston, 6532, Head Nurse.....	N	5 244
(Perquisites University — one meal)		
46. Martha J. Hall, 3987, Head Nurse.....	N	5 364
(Perquisites University — one meal)		
47. Bernice Houston, 3994, Head Nurse.....	N	5 244
(Perquisites University — one meal)		
48. Hilary C. Johnson, 3985, Head Nurse.....	N	5 784
(Perquisites University — one meal)		
49. Gloria J. Kelson, 4125, Head Nurse.....	N	5 424
(Perquisites University — one meal)		
50. Catherine Kolitsch, 3991, Head Nurse.....	N	5 904
(Perquisites University — one meal)		
51. Sandra R. Mathis, 3995, Head Nurse.....	N	4 884
(Perquisites University — one meal)		

52. Dorothy H. Miner, 3989, Head Nurse.....	N	5 064
(Perquisites University — one meal)		
53. Kathryn E. Parker, 4100, Head Nurse.....	N	4 572
(Perquisites Employee — two meals and room; University — one meal)		(732)
54. Margaret K. Thomas, 3990, Head Nurse.....	N	5 172
(Perquisites Employee — two meals and room; University — one meal)		(732)
55. Gertrude Young, 3992, Head Nurse.....	N	5 364
(Perquisites University — one meal)		
(On leave without pay)		
56. Patricia Cipriani, 4131, Assistant Head Nurse.....	N	4 734
(Perquisites University — one meal)		
57. Clara L. Elam, 4002, Assistant Head Nurse.....	N	4 734
(Perquisites University — one meal)		
58. Joan T. Flynn, 6593, Assistant Head Nurse.....	N	5 214
(Perquisites University — one meal)		
59. Theresa Jagielski, 4128, Assistant Head Nurse.....	N	4 452
(Perquisites Employee — two meals and room; University — one meal)		(732)
60. Marie Mueller, 4130, Assistant Head Nurse.....	N	4 332
(Perquisites Employee — two meals and room; University — one meal)		(732)
61. Rose M. Placenia, 4051, Assistant Head Nurse.....	N	4 914
(Perquisites University — one meal)		
62. Elaine Rutherford, 3998, Assistant Head Nurse.....	N	4 914
(Perquisites University — one meal)		
63. Marcella Sharkey, 6631, Assistant Head Nurse.....	N	4 914
(Perquisites University — one meal)		
64. Dorothy L. Skupien, 4001, Assistant Head Nurse.....	N	4 914
(Perquisites University — one meal)		
65. Sarah Lee Tillman, 4003, Assistant Head Nurse.....	N	5 004
(Perquisites University — one meal)		
66. ———, 4129, Assistant Head Nurse.....	N	4 464
(Perquisites University — one meal)		
67. ———, 4132, Assistant Head Nurse.....	N	4 464
(Perquisites University — one meal)		
68. ———, 3999, Assistant Head Nurse.....	N	4 464
(Perquisites University — one meal)		
69. B. D. Bankhead, 6442, Licensed Practical Nurse.....	N	3 504
(Perquisites University — one meal)		
70. Annamae Beard, 6154, Licensed Practical Nurse.....	N	3 504
(Perquisites University — one meal)		
71. Eva M. Blakey, 6367, Licensed Practical Nurse.....	N	3 504
(Perquisites University — one meal)		
72. Hattie H. Brooks, 6566, Licensed Practical Nurse.....	N	3 504
(Perquisites University — one meal)		
73. Adele I. Brown, 4204, Licensed Practical Nurse.....	N	3 564
(Perquisites University — one meal)		
74. Dorothy F. Clay, 4102, Licensed Practical Nurse.....	N	3 504
(Perquisites University — one meal)		
75. Dolores Connor, 6270, Licensed Practical Nurse.....	N	3 600
76. Mary L. Davenport, 5950, Licensed Practical Nurse.....	N	3 384
(Perquisites University — one meal)		
77. Mae E. Davis, 6366, Licensed Practical Nurse.....	N	3 504
(Perquisites University — one meal)		
78. Zora E. Davis, 6379, Licensed Practical Nurse.....	N	3 720
79. Anna L. Deck, 6342, Licensed Practical Nurse.....	N	3 444
(Perquisites University — one meal)		
80. Dolores M. Fleming, 4703, Licensed Practical Nurse.....	N	3 504
(Perquisites University — one meal)		
81. Climetine Freeman, 6215, Licensed Practical Nurse.....	N	3 660
82. Rosa Y. Gaines, 6353, Licensed Practical Nurse.....	N	3 720

83. Estelle Gary, 6271, Licensed Practical Nurse.....	N	3 660
84. Fannie Mae Greer, 6382, Licensed Practical Nurse.....	N	3 504
(Perquisites University — one meal)		
85. Margaret Griffith, 6339, Licensed Practical Nurse.....	N	3 504
(Perquisites University — one meal)		
86. Rose Hall, 5889, Licensed Practical Nurse.....	N	3 444
(Perquisites University — one meal)		
87. Katie M. Harris, 6356, Licensed Practical Nurse.....	N	3 384
(Perquisites University — one meal)		
88. Elisa Heslip, 6397, Licensed Practical Nurse.....	N	3 384
(Perquisites University — one meal)		
89. Dorothy D. Hill, 6226, Licensed Practical Nurse.....	N	3 660
90. Dorothy Holmes, 6461, Licensed Practical Nurse.....	N	3 564
(Perquisites University — one meal)		
91. Velma R. Hughes, 6396, Licensed Practical Nurse.....	N	3 660
92. Jessie A. Irving, 6337, Licensed Practical Nurse.....	N	3 444
(Perquisites University — one meal)		
93. Shirley A. Johnson, 6211, Licensed Practical Nurse.....	N	3 504
(Perquisites University — one meal)		
94. Josephine V. Jones, 6273, Licensed Practical Nurse.....	N	3 504
(Perquisites University — one meal)		
95. Maxine J. Jones, 6253, Licensed Practical Nurse.....	N	3 564
(Perquisites University — one meal)		
96. Annie M. Joyner, 6272, Licensed Practical Nurse.....	N	3 504
(Perquisites University — one meal)		
97. Theresa C. Litvjak, 4197, Licensed Practical Nurse.....	N	3 624
(Perquisites University — one meal)		
98. Willie D. Lowe, 4201, Licensed Practical Nurse.....	N	3 504
(Perquisites University — one meal)		
99. Clara McClure, 4200, Licensed Practical Nurse.....	N	3 504
(Perquisites University — one meal)		
100. Darling McConnell, 4119, Licensed Practical Nurse.....	N	3 444
(Perquisites University — one meal)		
101. Helen McKay, 5948, Licensed Practical Nurse.....	N	3 504
(Perquisites University — one meal)		
102. Kathryn McKenney, 4198, Licensed Practical Nurse.....	N	3 600
103. Arcora Miggins, 6341, Licensed Practical Nurse.....	N	3 444
(Perquisites University — one meal)		
104. Mary L. Murray, 6365, Licensed Practical Nurse.....	N	3 600
105. Irene O'Neill, 4104, Licensed Practical Nurse.....	N	3 504
(Perquisites University — one meal)		
106. Julia M. Phillips, 6542, Licensed Practical Nurse.....	N	3 660
107. Lucy Powell, 4199, Licensed Practical Nurse.....	N	3 720
108. Mary A. Rangel, 6441, Licensed Practical Nurse.....	N	3 384
(Perquisites University — one meal)		
109. Isabella H. Redd, 6155, Licensed Practical Nurse.....	N	3 384
(Perquisites University — one meal)		
110. Debora E. Robinson, 6327, Licensed Practical Nurse.....	N	3 504
(Perquisites University — one meal)		
111. Freda E. Shaw, 6227, Licensed Practical Nurse.....	N	3 720
112. Zelma F. Sims, 6153, Licensed Practical Nurse.....	N	3 564
(Perquisites University — one meal)		
113. Annie C. Smith, 6233, Licensed Practical Nurse.....	N	3 720
114. Vivian Smith, 5947, Licensed Practical Nurse.....	N	3 504
(Perquisites University — one meal)		
115. Jeanette Stewart, 6357, Licensed Practical Nurse.....	N	3 444
(Perquisites University — one meal)		
116. Anna Strods, 6340, Licensed Practical Nurse.....	N	3 444
(Perquisites University — one meal)		
117. Rosalie Thomas, 6355, Licensed Practical Nurse.....	N	3 504
(Perquisites University — one meal)		
118. Eva M. Thornton, 6717, Licensed Practical Nurse.....	N	3 444
(Perquisites University — one meal)		

119. Bernice Tripp, 4202, Licensed Practical Nurse..... N	3 504
(Perquisites University — one meal)	
120. Zandra B. Turner, 6488, Licensed Practical Nurse..... N	3 504
(Perquisites University — one meal)	
121. Willie J. Walker, 6354, Licensed Practical Nurse..... N	3 564
(Perquisites University — one meal)	
122. Lillian Waller, 4203, Licensed Practical Nurse..... N	3 444
(Perquisites University — one meal)	
123. Hazel Watkins, 6380, Licensed Practical Nurse..... N	3 600
124. Vertrelia G. Wells, 5949, Licensed Practical Nurse..... N	3 444
(Perquisites University — one meal)	
125. Doris L. White, 6338, Licensed Practical Nurse..... N	3 504
(Perquisites University — one meal)	
126. Dorothy R. Williams, 6120, Licensed Practical Nurse.... N	2 832
(Perquisites Employee — two meals and room; Univer-	
sity — one meal)	(732)
127. Eudora M. Williams, 6381, Licensed Practical Nurse.... N	3 444
(Perquisites University — one meal)	
128. Helen E. Williams, 6352, Licensed Practical Nurse..... N	3 504
(Perquisites University — one meal)	
129. ———, Licensed Practical Nurse..... N	3 204
(Perquisites University — one meal)	
130. ———, Licensed Practical Nurse..... N	3 204
(Perquisites University — one meal)	
131. ———, Licensed Practical Nurse..... N	3 204
(Perquisites University — one meal)	
132. Leonor B. Acosta, 4010, Staff Nurse..... N	4 524
(Perquisites University — one meal)	
133. Naomi K. Albrecht, 4114, Staff Nurse..... N	4 524
(Perquisites University — one meal)	
134. Madolyn F. Arnold, 4068, Staff Nurse..... N	4 524
(Perquisites University — one meal)	
135. Joyce H. Baller, 4140, Staff Nurse..... N	4 524
(Perquisites University — one meal)	
136. Patricia Blackburn, 4012, Staff Nurse..... N	4 764
(Perquisites University — one meal)	
137. Ida Blessing, 4073, Staff Nurse..... N	4 524
(Perquisites University — one meal)	
138. Connie Sue Borger, 6545, Staff Nurse..... N	4 524
(Perquisites University — one meal)	
139. Annie R. Brantley, 4144, Staff Nurse..... N	3 792
(Perquisites Employee — two meals and room; Univer-	
sity — one meal)	(732)
140. Bernice Buczkowski, 4086, Staff Nurse..... N	4 680
141. Elizabeth Bundrage, 4041, Staff Nurse..... N	4 704
(Perquisites University — one meal)	
142. Suzanne C. Burke, 4077, Staff Nurse..... N	4 524
(Perquisites University — one meal)	
143. Shirlee M. Butz, 4092, Staff Nurse..... N	4 764
(Perquisites University — one meal)	
144. Barbara Jean Calvi, 4066, Staff Nurse..... N	4 524
(Perquisites University — one meal)	
145. Margaret M. Casey, 4014, Staff Nurse..... N	4 524
(Perquisites University — one meal)	
146. Rae Ann Conroy, 4193, Staff Nurse..... N	4 524
(Perquisites University — one meal)	
147. Gwendolyn Davis, 4093, Staff Nurse..... N	3 792
(Perquisites Employee — two meals and room; Univer-	
sity — one meal)	(732)
148. Marie Davis, 4027, Staff Nurse..... N	4 554
(Perquisites University — one meal)	
(On leave without pay)	
149. Rose M. F. Degiulio, 4044, Staff Nurse..... N	4 524
(Perquisites University — one meal)	

150. Helen B. Dmuchowski, 4115, Staff Nurse..... N (Perquisites University — one meal)	4 704
151. Rosemarie Doherty, 4050, Staff Nurse..... N (Perquisites University — one meal)	4 524
152. Margaret Donoghue, 4088, Staff Nurse..... N (Perquisites University — one meal)	4 404
153. Michaeline A. Drust, 4007, Staff Nurse..... N (Perquisites University — one meal)	4 524
154. Crisanta Dumlao, 4035, Staff Nurse..... N (Perquisites University — one meal)	4 794
155. Marie C. Emmerick, 4037, Staff Nurse..... N (Perquisites University — one meal)	4 524
156. Ann Engel, 4071, Staff Nurse..... N (Perquisites Employee — two meals and room; Univer- sity — one meal)	3 672 (732)
157. Myrna R. Engel, 4135, Staff Nurse..... N (Perquisites Employee — two meals and room; Univer- sity — one meal)	3 792 (732)
158. Martha A. Fiore, 4025, Staff Nurse..... N (Perquisites University — one meal)	4 764
159. Mary Lena Fite, 4149, Staff Nurse..... N (Perquisites University — one meal)	4 704
160. Rosalie Galanis, 4020, Staff Nurse..... N (Perquisites University — one meal)	4 914
161. Ila M. Gottlob, 4186, Staff Nurse..... N (Perquisites University — one meal)	4 524
162. Veronique Grenier, 4026, Staff Nurse..... N (Perquisites University — one meal)	4 764
163. Jeannette S. Gulley, 4058, Staff Nurse..... N	4 680
164. Margaret E. Halpin, 4070, Staff Nurse..... N (Perquisites University — one meal)	4 854
165. Christene W. Hill, 4063, Staff Nurse..... N (Perquisites University — one meal)	4 764
166. Evelyn M. Holy, 4065, Staff Nurse..... N (Perquisites University — one meal)	4 524
167. Donna Mae Johnson, 4139, Staff Nurse..... N (Perquisites University — one meal)	4 404
168. Barbara Jurkovich, 4031, Staff Nurse..... N (Perquisites Employee — two meals and room; Univer- sity — one meal)	4 062 (732)
169. Cecilia F. Karel, 4049, Staff Nurse..... N (Perquisites University — one meal)	4 524
170. M. B. Kilfeather, 4028, Staff Nurse..... N (Perquisites Employee — two meals and room; Univer- sity — one meal)	3 792 (732)
171. Wanda L. Kohlenberg, 4052, Staff Nurse..... N (Perquisites University — one meal)	4 524
172. Ina Pearl Latimer, 4074, Staff Nurse..... N (Perquisites University — one meal)	4 524
173. Mary P. Leininger, 4048, Staff Nurse..... N (Perquisites University — one meal)	4 524
174. Myrna S. Librach, 4015, Staff Nurse..... N (Perquisites University — one meal)	4 524
175. Eula M. Lockhart, 4018, Staff Nurse..... N (Perquisites University — one meal)	4 524
176. Mary Kay Martin, 4113, Staff Nurse..... N (Perquisites University — one meal)	4 524
177. Ana M. Mate, 4059, Staff Nurse..... N (Perquisites Employee — two meals and room; Univer- sity — one meal)	3 912 (732)
178. Marcia M. Maute, 4033, Staff Nurse..... N (Perquisites University — one meal)	4 404
179. Jean A. McMahon, 4011, Staff Nurse..... N (Perquisites University — one meal)	4 524

180. Margo A. McMurray, 4087, Staff Nurse..... N	4 524
(Perquisites University — one meal)	
181. Kathleen McMerney, 4013, Staff Nurse..... N	4 524
(Perquisites University — one meal)	
182. Sally A. Neild, 4091, Staff Nurse..... N	4 524
(Perquisites University — one meal)	
183. Anita R. Nieves, 4141, Staff Nurse..... N	3 972
(Perquisites Employee — two meals and room; Univer-	
sity — one meal)	(732)
184. Helen Psaltis, 4043, Staff Nurse..... N	3 672
(Perquisites Employee — two meals and room; Univer-	
sity — one meal)	(732)
185. Jo Ann Rickett, 4040, Staff Nurse..... N	4 524
(Perquisites University — one meal)	
186. Ruth A. Rogge, 4023, Staff Nurse..... N	4 524
(Perquisites University — one meal)	
187. Mildred B. Rushing, 4060, Staff Nurse..... N	4 524
(Perquisites University — one meal)	
188. Carolyn A. Schmitz, 4072, Staff Nurse..... N	4 524
(Perquisites University — one meal)	
189. Mary M. Seiter, 4055, Staff Nurse..... N	4 524
(Perquisites University — one meal)	
190. Barbara Sernel, 4054, Staff Nurse..... N	4 404
(Perquisites University — one meal)	
191. Doretha B. Stewart, 4187, Staff Nurse..... N	4 860
192. Erma D. Stoneking, 4192, Staff Nurse..... N	4 680
193. Nancy D. Storer, 4146, Staff Nurse..... N	4 680
194. Dorothy Turkiewicz, 4005, Staff Nurse..... N	4 914
(Perquisites University — one meal)	
195. Beverly VanHoveln, 4079, Staff Nurse..... N	3 792
(Perquisites Employee — two meals and room; Univer-	
sity — one meal)	(732)
196. Mallie L. Williams, 4022, Staff Nurse..... N	4 524
(Perquisites University — one meal)	
197. Sally A. Wills, 057, Staff Nurse..... N	4 584
(Perquisites University — one meal)	
198. ———, 4016, Staff Nurse..... N	4 284
(Perquisites University — one meal)	
199. ———, 4184, Staff Nurse..... N	3 552
(Perquisites Employee — two meals and room; Univer-	
sity — one meal)	(732)
200. ———, 3997, Staff Nurse..... N	4 284
(Perquisites University — one meal)	
201. ———, 4053, Staff Nurse..... N	3 552
(Perquisites Employee — two meals and room; Univer-	
sity — one meal)	(732)
202. ———, 4145, Staff Nurse..... N	4 368
(Perquisites Employee — one meal and room; Univer-	
sity — one meal)	(576)
203. ———, 4143, Staff Nurse..... N	4 284
(Perquisites University — one meal)	
204. ———, 4039, Staff Nurse..... N	4 284
(Perquisites University — one meal)	
205. ———, 4042, Staff Nurse..... N	4 284
(Perquisites University — one meal)	
206. ———, 4147, Staff Nurse..... N	4 284
(Perquisites University — one meal)	
207. ———, 4082, Staff Nurse..... N	4 284
(Perquisites University — one meal)	
208. ———, 4190, Staff Nurse..... N	4 344
(Perquisites University — one meal)	
209. ———, 4038, Staff Nurse..... N	4 344
(Perquisites University — one meal)	

210.	—————, 4006, Staff Nurse.....	N	4 284
	(Perquisites University — one meal)		
211.	—————, 4089, Staff Nurse.....	N	4 344
	(Perquisites University — one meal)		
212.	—————, 4183, Staff Nurse.....	N	4 344
	(Perquisites University — one meal)		
213.	—————, 4195, Staff Nurse.....	N	4 284
	(Perquisites University — one meal)		
214.	—————, 4062, Staff Nurse.....	N	4 644
	(Perquisites University — one meal)		
215.	—————, 4194, Staff Nurse.....	N	4 284
	(Perquisites University — one meal)		
216.	—————, 4064, Staff Nurse.....	N	4 284
	(Perquisites University — one meal)		
217.	—————, 4019, Staff Nurse.....	N	4 284
	(Perquisites University — one meal)		
218.	—————, 4118, Staff Nurse.....	N	4 524
	(Perquisites University — one meal)		
219.	—————, 4029, Staff Nurse.....	N	4 284
	(Perquisites University — one meal)		
220.	—————, 4117, Staff Nurse.....	N	4 344
	(Perquisites University — one meal)		
221.	—————, 4024, Staff Nurse.....	N	4 284
	(Perquisites University — one meal)		
222.	—————, 4034, Staff Nurse.....	N	4 284
	(Perquisites University — one meal)		
223.	—————, 4047, Staff Nurse.....	N	4 284
	(Perquisites University — one meal)		
224.	—————, 4185, Staff Nurse.....	N	4 440
225.	—————, Staff Nurse.....	N	4 284
	(Perquisites University — one meal)		
226.	—————, Staff Nurse.....	N	4 284
	(Perquisites University — one meal)		
227.	Barbara A. Zeiler, 4008, Staff Nurse.....	N	3 672
	(Perquisites Employee — two meals and room; University — one meal)		(732)
228.	Eva Anna Begg, 3980, Supervising Nurse.....	N	6 072
	(Perquisites Employee — two meals and room; University — one meal)		(732)
229.	Frances M. Hoeffling, 3977, Supervising Nurse.....	N	6 744
	(Perquisites University — one meal)		
230.	Alma A. Huseman, 3982, Supervising Nurse.....	N	5 832
	(Perquisites Employee — two meals and room; University — one meal)		(732)
231.	Angela M. Lonchar, 3981, Supervising Nurse.....	N	6 684
	(Perquisites University — one meal)		
232.	Helen I. Mack, 3979, Supervising Nurse.....	N	6 804
	(Perquisites University — one meal)		
233.	Emma K. Scott, 3978, Supervising Nurse.....	N	7 104
	(Perquisites University — one meal)		
234.	Shirley J. Streeter, 3984, Supervising Nurse.....	N	7 344
	(Perquisites University — one meal)		
235.	Ruth H. Ashworth, 3975, Secretary (Stenographic).....	N	6 300
236.	—————, 7421, Surgical Technician.....	N	3 324
	(Perquisites University — one meal)		
<i>Total, Nursing — General.....</i>			<i>\$1 027 158</i>

Neuropsychiatric Institute

Account Number 05-27-46

1.	Thora P. Dickof, 5286, Clerk II.....	N	\$ 3 420
2.	Elodie Lane, 4393, Clerk II.....	N	3 300
3.	Magnolia Coles, 4394, Typing Clerk II.....	N	3 000
4.	Henrietta Lockett, 4392, Typing Clerk II.....	N	3 420

5. Dorothy Roberts, 4391, Typing Clerk II..... N	3 060
6. Harriet A. White, 4366, Assistant Director of Nursing.. N (Perquisites University — one meal)	6 744
7. Frances R. Mikulec, 4364, Associate Director of Nursing N (Perquisites University — one meal)	7 794
8. Ruth H. Ferguson, 4378, Head Nurse..... N (Perquisites University — one meal) (On leave without pay)	5 244
9. Ruth E. Flinn, 4376, Head Nurse..... N (Perquisites Employee — two meals; University — one meal)	5 052 (312)
10. Dorothy Foltz, 4372, Head Nurse..... N (Perquisites University — one meal)	5 544
11. J. Niespodzani, 4373, Head Nurse..... N (Perquisites University — one meal)	5 544
12. Nellie J. Person, 4377, Head Nurse..... N (Perquisites University — one meal)	5 244
13. ———, 4374, Head Nurse..... N (Perquisites University — one meal)	4 644
14. ———, 4370, Assistant Head Nurse..... N (Perquisites University — one meal)	4 464
15. Annie Abrams, 6859, Licensed Practical Nurse..... N (Perquisites University — one meal)	3 564
16. Sadie Clark, 4932, Licensed Practical Nurse..... N	3 660
17. Mellisa Coleman, 6437, Licensed Practical Nurse..... N	3 720
18. Wilma P. Collins, 6440, Licensed Practical Nurse..... N (Perquisites University — one meal)	3 504
19. Minnie Copeland, 6439, Licensed Practical Nurse..... N (Perquisites University — one meal)	3 504
20. Ollie Green, 6487, Licensed Practical Nurse..... N	3 720
21. Loretta Hall, 4941, Licensed Practical Nurse..... N	3 720
22. Ruth M. Johnson, 4962, Licensed Practical Nurse..... N	3 660
23. ———, Licensed Practical Nurse..... N (Perquisites University — one meal)	3 204
24. ———, Licensed Practical Nurse..... N (Perquisites University — one meal)	3 204
25. Alice Marlene Beck, 4371, Staff Nurse..... N (Perquisites University — one meal)	4 524
26. Devere M. Benson, 4138, Staff Nurse..... N	4 560
27. Roberta Mae Cera, 4136, Staff Nurse..... N (Perquisites University — one meal)	4 524
28. Judith A. Dummer, 4387, Staff Nurse..... N (Perquisites University — one meal)	4 524
29. Betty E. Fuentes, 4380, Staff Nurse..... N (Perquisites University — one meal)	4 524
30. Patricia A. Hagan, 4137, Staff Nurse..... N (Perquisites University — one meal)	4 524
31. Earlene B. Hatch, 4398, Staff Nurse..... N (Perquisites University — one meal)	4 704
32. Anna Marie Hogan, 4385, Staff Nurse..... N (Perquisites Employee — two meals and room; University — one meal)	3 672 (732)
33. Betty J. Ivey, 4386, Staff Nurse..... N (Perquisites University — one meal)	4 524
34. Mae Louise Jackson, 4396, Staff Nurse..... N (Perquisites University — one meal)	4 524
35. W. Princess Jarrett, 4383, Staff Nurse..... N (Perquisites University — one meal)	4 914
36. L. M. Jendresen, 4395, Staff Nurse..... N (Perquisites University — one meal)	4 524
37. Marcella Jerome, 4401, Staff Nurse..... N (Perquisites University — one meal)	4 704
38. Ruby B. Malek, 7470, Staff Nurse..... N (Perquisites University — one meal)	4 704

39. Mary M. McGough, 4926, Staff Nurse..... N	4 524
(Perquisites University — one meal)	
40. Ursula Moeller, 4406, Staff Nurse..... N	4 524
(Perquisites University — one meal)	
41. Harry Rennie, 4384, Staff Nurse..... N	4 524
(Perquisites University — one meal)	
42. Julia L. Wilkerson, 4382, Staff Nurse..... N	4 914
(Perquisites University — one meal)	
43. ———, 4969, Staff Nurse..... N	4 344
(Perquisites University — one meal)	
44. ———, 4388, Staff Nurse..... N	3 708
(Perquisites Employee — one meal and room; University — one meal)	(576)
45. ———, 4381, Staff Nurse..... N	4 404
(Perquisites University — one meal)	
46. ———, 4389, Staff Nurse..... N	4 284
(Perquisites University — one meal)	
47. ———, 4399, Staff Nurse..... N	4 284
(Perquisites University — one meal)	
48. ———, 4405, Staff Nurse..... N	4 440
49. ———, Staff Nurse..... N	4 284
(Perquisites University — one meal)	
50. Phyllis C. Ayers, 4369, Supervising Nurse..... N	5 760
51. Velma I. Berry, 4400, Supervising Nurse..... N	5 820
52. Kerstin I. Boberg, 4368, Supervising Nurse..... N	6 234
(Perquisites University — one meal)	
53. Pearl L. Crouch, 4367, Supervising Nurse..... N	6 294
(Perquisites University — one meal)	
54. Vivian R. Munro, 4375, Supervising Nurse..... N	6 294
(Perquisites University — one meal)	
55. Sara R. Bock, 4390, Secretary (Stenographic)..... N	5 400
(On leave without pay)	
<i>Total, Nursing — Neuropsychiatric Institute.....</i>	<u>\$249 420</u>

Nurses' Residence

Account Number 05-27-50

1. Irene L. Cooke, 4409, Matron..... N	\$ 3 750
2. Margaret Craven, 4407, Matron..... N	4 200
<i>Total, Nurses' Residence.....</i>	<u>\$ 7 950</u>

Operating and Recovery Rooms

Account Number 05-27-55

1. Myrtle Hays, 4438, Clerk II..... N	\$ 3 540
2. Doris L. Bell, 4415, Head Nurse..... N	5 124
(Perquisites University — one meal)	
3. Loretta Fangrat, 4416, Head Nurse..... N	5 484
(Perquisites University — one meal)	
4. Laverne H. Kaleta, 4440, Head Nurse..... N	5 004
(Perquisites University — one meal)	
5. Betty A. Lindsay, 4418, Head Nurse..... N	5 124
(Perquisites University — one meal)	
6. Nancy A. Smartz, 5991, Assistant Head Nurse..... N	4 734
(Perquisites University — one meal)	
7. Lois B. Hamilton, 4934, Licensed Practical Nurse..... N	3 504
(Perquisites University — one meal)	
8. Shirley E. Harris, 5623, Licensed Practical Nurse..... N	3 564
(Perquisites University — one meal)	
9. Brunetta S. Pullen, 7351, Licensed Practical Nurse..... N	3 504
(Perquisites University — one meal)	
10. Bettie K. Witt, 6268, Licensed Practical Nurse..... N	3 564
(Perquisites University — one meal)	
11. ———, Licensed Practical Nurse..... N	3 204
(Perquisites University — one meal)	

12. ———, Licensed Practical Nurse.....	N	3 204
(Perquisites University — one meal)		
13. Margaret A. Barr, 4142, Staff Nurse.....	N	4 704
(Perquisites University — one meal)		
14. M. L. Berrettini, 4420, Staff Nurse.....	N	4 704
(Perquisites University — one meal)		
15. Helen Blaut, 4417, Staff Nurse.....	N	4 914
(Perquisites University — one meal)		
16. Ann M. Brannon, 4419, Staff Nurse.....	N	4 914
(Perquisites University — one meal)		
17. Ingrid M. Burkevics, 4437, Staff Nurse.....	N	4 704
(Perquisites University — one meal)		
18. A. Dolores Decarlo, 4425, Staff Nurse.....	N	4 704
(Perquisites University — one meal)		
19. Ruth A. Eastham, 4436, Staff Nurse.....	N	4 524
(Perquisites University — one meal)		
20. Marilyn T. Hanley, 4428, Staff Nurse.....	N	4 524
(Perquisites University — one meal)		
21. Lottie O. Harris, 4433, Staff Nurse.....	N	4 524
(Perquisites University — one meal)		
22. Charlene Hengesh, 5021, Staff Nurse.....	N	4 524
(Perquisites University — one meal)		
23. Dolores M. Kresge, 4429, Staff Nurse.....	N	4 704
(Perquisites University — one meal)		
24. Marjorie K. Laffaur, 4441, Staff Nurse.....	N	4 524
(Perquisites University — one meal)		
25. Patricia McCurdy, 5757, Staff Nurse.....	N	4 524
(Perquisites University — one meal)		
26. Carole Mulvihill, 4430, Staff Nurse.....	N	4 524
(Perquisites University — one meal)		
27. Marion Murdoch, 5758, Staff Nurse.....	N	4 764
(Perquisites University — one meal)		
28. Donna Murphy, 4046, Staff Nurse.....	N	4 644
(Perquisites University — one meal)		
29. Lois V. Scaife, 4426, Staff Nurse.....	N	4 524
(Perquisites University — one meal)		
30. Monica Simler, 4431, Staff Nurse.....	N	4 524
(Perquisites University — one meal)		
31. Harumi Taira, 4422, Staff Nurse.....	N	4 524
(Perquisites University — one meal)		
32. Mary F. Twaler, 4435, Staff Nurse.....	N	4 524
(Perquisites University — one meal)		
33. Betty A. Weisman, 4434, Staff Nurse.....	N	4 524
(Perquisites University — one meal)		
34. Alice Ann Wernsman, 4032, Staff Nurse.....	N	4 524
(Perquisites University — one meal)		
35. ———, 4421, Staff Nurse.....	N	4 344
(Perquisites University — one meal)		
36. ———, 4423, Staff Nurse.....	N	4 284
(Perquisites University — one meal)		
37. ———, 4424, Staff Nurse.....	N	3 552
(Perquisites Employee — two meals and room; University — one meal)		(732)
38. ———, 4432, Staff Nurse.....	N	3 552
(Perquisites Employee — two meals and room; University — one meal)		(732)
39. ———, Staff Nurse.....	N	4 284
(Perquisites University — one meal)		
40. ———, Staff Nurse.....	N	4 284
(Perquisites University — one meal)		
41. Fannie L. Nofziger, 4414, Supervising Nurse.....	N	6 192
(Perquisites Employee — two meals and room; University — one meal)		(732)

42. Anna A. Norton, 4439, Supervising Nurse.....	N	6 294
(Perquisites University — one meal)		
43. Arturo Pizarro, 7273, Surgical Technician.....	N	3 624
(Perquisites University — one meal)		
<i>Total, Operating and Recovery Rooms.....</i>		<u>\$191 532</u>

Orthopaedic Brace Shop

Account Number 05-27-60

1. William P. Oliver, 4411, Bracemaker.....	N	\$ 4 380
2. Mary F. Izzo, 4412, Assistant Bracemaker.....	N	3 540
<i>Total, Orthopaedic Brace Shop.....</i>		<u>\$ 7 920</u>

Brace Shop Revolving

Account Number 07-27-05

1. Joseph J. Molloy, 4413, Bracemaker.....	N	\$ 7 000
<i>Total, Brace Shop Revolving.....</i>		<u>\$ 7 000</u>

Pathology

Account Number 05-27-65

1. V. C. Kozukauskas, 4443, Laboratory Assistant III.....	N	\$ 4 068
2. Victoria Kregzde, 4442, Laboratory Assistant III.....	N	3 876
3. Jadvyga Maldeikis, 4449, Laboratory Assistant III.....	N	4 272
4. Marilyn Goldenson, 4447, Clerk-Stenographer II.....	N	4 020
5. Sylvia C. Schreiman, 4448, Clerk-Stenographer II.....	N	4 020
6. Ruth M. Jacobs, 4446, Clerk-Stenographer III.....	N	5 340
7. ———, Clerk-Stenographer III.....	N	3 900
8. Helen E. Baker, 6879, Clerk-Typist III.....	N	3 900
9. Jonas S. Ayers, 5647, Morgue Trainee Technician.....	N	3 390
10. Elmer Walton, 4444, Morgue Technician.....	N	4 800
11. Margaret Meredith, 6528, Histology Technologist.....	N	4 596
12. Stella Nanos, 7760, Histology Technologist.....	N	4 596
13. Barbara Sackett, 7377, Medical Typist.....	N	4 500
<i>Total, Pathology</i>		<u>\$55 278</u>

Physical Medicine and Rehabilitation

Account Number 05-27-75

1. Marcella Dowdell, 6633, Physical Therapy Aide.....	N	\$ 3 450
2. Lawrence Long, 5714, Physical Therapy Aide.....	N	3 900
3. Evelyn C. Smith, 6091, Physical Therapy Aide, Handi- capped Children's Center.....	N	4 110
4. Rose M. Szott, 4467, Physical Therapy Aide.....	N	3 900
5. Donald J. Vincent, 4466, Physical Therapy Aide.....	N	3 300
6. Dorothy C. Larson, 5585, Clerk III.....	N	4 590
7. Teddy Ramirez, 5891, Supervisor of Physical Therapy...	N	5 220
8. June M. Schroeder, 4453, Chief Physical Therapist.....	N	7 500
9. Dorothy Barnhart, 4454, Assistant Chief Physical Thera- pist.....	N	6 500
10. Barbara F. Adams, 4455, Staff Physical Therapist.....	N	5 250
11. Gay M. Delong, 6568, Staff Physical Therapist.....	N	4 500
12. Kenji Okamoto, 4457, Staff Physical Therapist.....	N	4 860
13. Nancy T. Watts, 6540, Staff Physical Therapist.....	N	5 250
14. Sally A. Weidenkopf, 4470, Staff Physical Therapist.....	N	4 380
15. ———, 6216, Staff Physical Therapist.....	N	4 800
16. ———, 4468, Staff Physical Therapist.....	N	4 380
17. Sally A. Yoran, 4461, Staff Physical Therapist.....	N	4 500
18. Margaret R. Young, 6918, Staff Physical Therapist.....	N	4 680
<i>Total, Physical Medicine and Rehabilitation.....</i>		<u>\$85 070</u>

Radiology

Account Number 05-27-80

1. Catherine Sanders, 5728, Laboratory Assistant II.....	N	\$ 3 576
2. Mary J. Bradford, 4489, Clerk II.....	N	3 360

3. Evelyn K. Braxton, 4487, Clerk II.....	N	3 720
4. Harold J. Carey, 6445, Clerk II.....	N	3 600
5. Pauline Hummel, 4486, Clerk II.....	N	3 900
6. ———, 4485, Clerk II.....	N	3 720
7. Josephine Bellamia, 4483, Clerk III.....	N	4 350
8. Mildred Evans, 4496, Clerk-Typist II.....	N	3 600
9. Mary B. Duncan, 4484, Clerk-Typist III.....	N	3 780
10. Dennis Rainsford, 5793, Clerk-Typist III.....	N	4 050
11. Mabel H. Counelis, 5587, Patho-Technologist.....	N	4 596
12. Carlene Harkim, 6506, Darkroom Technician I.....	N	3 210
13. Rosa Lee Smith, 4492, Darkroom Technician I.....	N	3 420
14. Willie F. Furlow, 4481, Darkroom Technician II.....	N	4 200
15. Mildred Winesberry, 4482, Darkroom Technician II.....	N	3 900
16. Odell Carson, 4474, Medical X-ray Technician I.....	N	3 780
17. Rudolph Champa, 5325, Medical X-ray Technician I.....	N	4 500
18. John A. Heying, 4478, Medical X-ray Technician I.....	N	3 720
19. Roberta Lawson, 4479, Medical X-ray Technician I.....	N	3 600
20. Dan J. Litturi, 4490, Medical X-ray Technician I.....	N	3 660
21. Samuel J. Martin, 6343, Medical X-ray Technician I.....	N	3 960
22. Shirley A. Ozolins, 4480, Medical X-ray Technician I.....	N	4 020
23. William Randolph, 4491, Medical X-ray Technician I.....	N	3 960
24. ———, Medical X-ray Technician I.....	N	3 600
25. Barbara J. Bowing, 6407, Medical X-ray Technician II..	N	4 560
26. Veronica D. Demers, 4475, Medical X-ray Technician II..	N	4 860
27. Lydia Naaf, 4477, Medical X-ray Technician II.....	N	5 700
28. Zelmaree Sanders, 5106, Medical X-ray Technician II....	N	4 260
29. Lydia C. Scherbarth, 4476, Medical X-ray Technician II..	N	4 680
30. Eleanor R. Weber, 5893, Medical X-ray Technician II....	N	4 950
31. Richard J. Graczyk, 4495, Chief Medical X-ray Technician	N	6 630
<i>Total, Radiology</i>		<u>\$127 422</u>

Respiratory Center Revolving

Account Number 07-27-25

1. Favale C. Hughes, 5794, Clerk II.....	N	\$ 3 420
2. Barbara M. Rhymes, 5723, Head Nurse.....	N	5 034
(Perquisites University — one meal)		
3. Ruby Mitchell, 5849, Assistant Head Nurse.....	N	4 914
(Perquisites University — one meal)		
4. Clarice Alexander, 5938, Licensed Practical Nurse.....	N	3 504
(Perquisites University — one meal)		
5. Viola Henderson, 5941, Licensed Practical Nurse.....	N	3 624
6. Earline J. Hester, 5940, Licensed Practical Nurse.....	N	3 384
(Perquisites University — one meal)		
7. Bessie S. Jordan, 5939, Licensed Practical Nurse.....	N	3 504
(Perquisites University — one meal)		
8. Lois L. Tyson, 5975, Licensed Practical Nurse.....	N	3 504
(Perquisites University — one meal)		
9. ———, 6269, Licensed Practical Nurse.....	N	3 324
(Perquisites University — one meal)		
10. ———, 6462, Licensed Practical Nurse.....	N	3 204
(Perquisites University — one meal)		
11. ———, 6543, Licensed Practical Nurse.....	N	3 204
12. Monica J. Benoit, 6264, Staff Nurse.....	N	3 792
(Perquisites Employee — two meals and room; University — one meal)		(732)
13. Shirley D. Hamby, 5850, Staff Nurse.....	N	4 680
14. Catherine Howard, 5920, Staff Nurse.....	N	4 464
(Perquisites University — one meal)		
15. ———, 5890, Staff Nurse.....	N	4 284
(Perquisites University — one meal)		
16. ———, 5942, Staff Nurse.....	N	4 524
(Perquisites University — one meal)		

17. _____, 5943, Staff Nurse.....	N	4 284
(Perquisites University — one meal)		
18. _____, 6493, Staff Nurse.....	N	4 284
(Perquisites University — one meal)		
<i>Total, Respiratory Center Revolving.....</i>		<u>\$70 932</u>

Cooperative Investigations

TRUST — NATIONAL FOUNDATION FOR INFANTILE PARALYSIS — RESPIRATORY POLIO

Account Number 50-52-55

1. Mary P. Laughlin, 6443, Supervising Nurse.....	N	\$ 6 204
(Perquisites University — one meal)		

Ophthalmology Revolving

Account Number 07-27-15

1. Mattie Carmichael, 6901, Clerk II.....	N	\$ 3 060
2. Lylas R. Egerter, 3459, Clerk III.....	N	4 230
3. Fay Saxon, 3460, Clerk III.....	N	4 410
4. _____, 3461, Optical Dispenser I.....	N	6 000
5. _____, Optical Dispenser I.....	N ⁵⁰	2 100
6. Herman Frank, 3457, Optical Dispenser II.....	N	6 550
<i>Total, Ophthalmology Revolving.....</i>		<u>\$26 350</u>

Stores — Sewing and Mending

Account Number 15-10-33

1. Anne C. Glass, 3716, Seamstress.....	N	\$ 3 028
2. _____, 3715, Seamstress.....	N	3 028
3. Lillian Kallenback, 3713, Sewing and Mending Supervisor	N	5 490
<i>Total, Stores — Sewing and Mending.....</i>		<u>\$11 546</u>

LIBRARY

Account Number 05-33-05

1. Ernest L. Stevens, 4510, Library Clerk II.....	N	\$ 3 360
2. Elizabeth R. Browne, 4505, Library Clerk III.....	N	4 380
3. Mary W. McCray, 4508, Library Clerk III.....	N	4 050
4. Helen C. Ritter, 4504, Library Clerk III.....	N	4 380
5. Wilma F. Hoffman, 7332, Typing Clerk II.....	N	3 690
6. Yvonne J. Williams, 4507, Typing Clerk II.....	N	3 420
7. Jeanette B. Cichon, 4506, Clerk-Stenographer III.....	N	4 410
<i>Total, Library</i>		<u>\$27 690</u>

PHYSICAL PLANT**Administration**

Account Number 05-36-02

1. Mary Ellen Nelson, 4902, Accountant II.....	N	\$ 6 600
2. Helen Duplantis, 4514, Accountant III.....	N	8 200
3. Lawrence A. Ruhnnow, 4515, Assistant to Superintendent of Buildings and Grounds.....	N	8 600
4. Rosa Mayer, 4523, Clerk III.....	N	3 750
5. Marie L. Smith, 4519, Clerk III.....	ZN ⁸⁰	3 288
(Total Salary)		(4 110)
6. L. D. Westerfors, 4901, Payroll Clerk II.....	N	3 840
7. Margaret Banks, 4518, Payroll Clerk III, Level I.....	N	4 650
8. _____, 4522, Typing Clerk III.....	N	3 600
9. Henrietta L. Swan, 7086, Clerk-Stenographer III.....	N	4 260
10. Virgie L. Clopton, 5550, Bookkeeping Machine Operator II	N	4 140
11. Clara G. Niemiec, 4903, Bookkeeping Machine Operator II	N	4 080
12. _____, 4517, Bookkeeping Machine Operator II....	N	4 080
13. _____, 4516, Secretary (Stenographic).....	N	5 430
14. Frank W. Houck, 5193, Superintendent of Buildings and Grounds.....	N	12 900

15. Clarence F. Schar, 4546, Superintendent of Fire Prevention and Safety	N	8 100
16. Frank E. Hostettler, 4513, Superintendent of Physical Plant.....	N	<u>13 400</u>
<i>Total, Administration</i>		<u>\$98 918</u>

Building Operation

Account Number 05-36-04		
1. Jean M. Auman, 4527, Clerk-Stenographer II.....	N	\$ 3 570
2. Helen Nottoli, 4532, Clerk-Typist III.....	N	3 900
3. William W. Moss, 4530, Superintendent of Operations....	ZN92	9 350
(Total Salary)		(10 200)
4. John J. Fee, 4531, Assistant Superintendent of Operations	N	8 400
5. Norman D. Nelson, 7697, Assistant Superintendent of Operations.....	N	<u>7 500</u>
<i>Total, Building Operation.....</i>		<u>\$32 720</u>

Laundry Service

Account Number 15-10-27		
1. William W. Moss, 4530, Superintendent of Operations....	ZN8	\$ 850
<i>Total, Laundry Service.....</i>		<u>\$ 850</u>

Police and Watchmen

Account Number 05-36-06		
1. John F. Albrecht, 5773, Supervisor of Security and Traffic	N	\$ 8 600
<i>Total, Police and Watchmen.....</i>		<u>\$ 8 600</u>

Building Maintenance

Account Number 05-36-08		
1. J. E. Guglielmi, 4555, Typing Clerk III.....	N	\$ 3 900
2. Rhoda E. Peterson, 4524, Typing Clerk III.....	N	4 320
3. Sherrill M. Rippon, 6476, Typing Clerk III.....	N	3 840
4. Catherine Carollo, 4526, Clerk-Typist II.....	N	3 660
5. Leo J. Janas, 7399, Project Engineer.....	N	8 400
6. Eugene H. Stewart, 4552, Structural Engineer.....	N	10 200
7. James Lindsay, 4553, Routing Supervisor.....	N	7 700
8. George W. Hovland, 4554, Stores Supervisor.....	N	6 000
9. Andrew Poetzinger, 4557, Supervisor of Building Craftsmen.....	N	9 615
10. Albert H. Stroupe, 6772, Supervisor of Trades.....	N	<u>9 864</u>
<i>Total, Building Maintenance.....</i>		<u>\$67 499</u>

Grounds Maintenance

Account Number 05-36-60		
1. Noble J. Smith, 5287, Superintendent of Grounds.....	N	\$ 7 700
<i>Total, Grounds Maintenance.....</i>		<u>\$ 7 700</u>

Heat, Light, and Power

Account Number 05-36-65		
1. Mary Cermak, 5184, Clerk-Typist III.....	N	\$ 3 900
2. Gloria J. Banich, 4571, Secretary (Stenographic).....	N	5 460
<i>Total, Heat, Light, and Power.....</i>		<u>\$ 9 360</u>

Architectural Engineering Service

Account Number 15-10-06		
1. Donald A. Gottfried, 7299, Space Analyst I.....	N	\$ 5 400
2. ———, 7298, Space Analyst II.....	N	5 700
3. Jesse C. Caraway, 4575, Associate Architect.....	N	11 100
4. Ella M. Warskow, 4586, Clerk II.....	N	3 600
5. Mitchell J. Markos, 4582, Administrative Clerk.....	N	6 600
6. Elaine T. Kramer, 4556, Operations Clerk.....	N	3 780
7. Lucile E. Green, 4520, Clerk-Stenographer III.....	N	4 170
8. ———, 4589, Clerk-Stenographer III.....	N	<u>4 020</u>

9. Ronald E. Feltgen, 7400, Architectural Draftsman II.....	N	7 900
10. Henry J. Miskowicz, 4581, Architectural Draftsman II..	N	7 700
11. George Venchuk, 4579, Architectural Draftsman II.....	N	7 100
12. Frank R. Dukes, 4567, Architectural Electrical Engineer..	N	8 500
13. Thomas R. Illi, 4587, Architectural Electrical Engineer..	N	7 800
14. Frank J. Vogt, 4566, Architectural Mechanical Engineer..	N	8 600
15. Vernon L. Morris, 4577, Architectural Engineer.....	N	8 600
16. Eugene A. Mokolke, 5414, Estimator.....	N	8 300
17. ———, 6293, Secretary (Stenographic).....	N	4 800
18. Elric M. Polly, 4576, Architectural Superintendent.....	N	11 000
19. ———, 4578, Architectural Superintendent.....	N	8 700
<i>Total, Architectural Engineering Service.....</i>		<u>\$133 370</u>

Auxiliary Enterprises

Chicago Illini Union Building Operation

Account Number 15-15-15

1. Grace F. Bacon, 4600, Assistant to Manager of Illini Union	N	\$ 4 980
2. Mary Breen, 4603, Assistant to Social Director.....	N	4 260
3. Shirley R. Tepper, 4602, Assistant to Social Director....	ZN50	2 070
(Total Salary)		(4 140)
4. Marie L. Smith, 4519, Clerk III.....	ZN10	411
(Total Salary)		(4 110)
<i>Total, Chicago Illini Union Building Operation.....</i>		<u>\$11 721</u>

Telephone Service

Account Number 15-10-45

1. Irene C. Smith, 4590, Chief Switchboard Operator.....	N	\$ 5 310
<i>Total, Telephone Service.....</i>		<u>\$ 5 310</u>

Chicago Illini Union Food Service

Account Number 15-15-16

1. Marie L. Smith, 4519, Clerk III.....	ZN10	\$ 411
(Total Salary)		(4 110)
2. Faye A. Kaufman, 4605, Food Production Manager.....	N	5 340
3. Margaret D. Johnson, 5813, Food Service Manager.....	ZN15	1 590
(Total Salary)		(10 600)
4. Viola Walberg, 5531, Assistant Food Service Manager...	ZN15	1 170
(Total Salary)		(7 800)
5. Marian J. Rehfeldt, 4607, Food Service Supervisor.....	N	4 680
<i>Total, Chicago Illini Union Food Service.....</i>		<u>\$13 191</u>

Trust — Housing Division Administration

Account Number 62-10-10

1. Mary M. Mahoney, 5618, Accountant I.....	N	\$ 5 460
2. Shirley R. Tepper, 4602, Assistant to Social Director....	ZN50	2 070
(Total Salary)		(4 140)
3. Catherine E. Boren, 5775, Clerk-Stenographer II.....	N	3 750
4. Nina A. Lott, 5432, Clerk-Stenographer III.....	N	4 140
5. Francis L. Cooke, 5580, Housing Maintenance Supervisor	N	6 900
<i>Total, Trust — Housing Division Administration.....</i>		<u>\$22 320</u>

Steam Plant Service

Account Number 15-10-65

1. Leonard Burkhardt, 4570, Operations Clerk.....	N	\$ 4 500
2. Umberto Cruciani, 5227, Assistant Instrument and Efficiency Engineer	N	6 000
3. ———, 4574, Power Plant Mechanical Engineer...	N	8 250
4. Albert A. Anderson, 4565, Superintendent of Utilities....	N	11 400
<i>Total, Steam Plant Service.....</i>		<u>\$30 150</u>

Trust — Student Residence Hall

Account Number 62-10-12

1. Stafford Kariotis, 3286, Purchasing Assistant III.....	ZN25	\$ 2 040
(Total Salary)		(8 970)
2. Florence E. Sanborn, 6432, Food Production Manager....	N	5 580
3. Margaret D. Johnson, 5813, Food Service Manager.....	ZN40	4 240
(Total Salary)		(10 600)
4. Viola Walberg, 5531, Assistant Food Service Manager..	ZN40	3 120
(Total Salary)		(7 800)
5. Helen S. Cady, 6807, Food Service Supervisor.....	N	4 800
(Perquisites University — two meals)		
6. Cyrilla M. Glennon, 6854, Food Service Supervisor.....	N	4 050
(Perquisites University — two meals)		
7. Sandra L. Newling, 5657, Food Service Supervisor.....	N	3 900
(Perquisites University — two meals)		
<i>Total, Trust — Student Residence Hall.....</i>		<u>\$27 730</u>

Hospital Addition Snack Bar

Account Number 15-15-10

1. Margaret D. Johnson, 5813, Food Service Manager.....	ZN15	\$ 1 590
(Total Salary)		(10 600)
2. Viola Walberg, 5531, Assistant Food Service Manager...	ZN15	1 170
(Total Salary)		(7 800)
<i>Total, Hospital Addition Snack Bar.....</i>		<u>\$ 2 760</u>

CHICAGO UNDERGRADUATE DIVISION**ADMINISTRATION AND GENERAL****Dean's Office**

Account Number 70-05-05

1. Patricia Meservey, 0556, Clerk-Typist III.....	N	\$ 4 440
2. Kathryn G. Canedy, 0555, Administrative Secretary (Stenographic).....	N	6 360
<i>Total, Dean's Office.....</i>		<u>\$10 800</u>

Student Counseling Service

Account Number 70-05-10

1. Joanne C. Perry, 6030, Personnel Assistant II.....	N	\$ 5 220
2. Audrey A. Anderson, 0560, Clerk-Stenographer II.....	N	3 750
3. Allie H. Mayberry, 0557, Clerk-Typist III.....	N	4 080
4. June O. Lore, 0558, Secretary (Stenographic).....	N	4 710
<i>Total, Student Counseling Service.....</i>		<u>\$17 760</u>

Business Office

Account Number 70-05-15

1. Leslie Taylor, 0563, Accountant II.....	ZN75	\$ 4 770
(Total Salary)		(6 190)
2. Thomas Halstengard, 0562, Purchasing Assistant III.....	ZN75	6 200
(Total Salary)		(8 000)
3. Robert E. Porter, 0561, Assistant to Business Manager...	N	11 760
4. D. C. Huebner, Assistant to Military Property Custodian	N	5 460
5. _____, 6194, Cashier II.....	N	3 600
6. Inez V. Dunn, 0566, Cashier III.....	ZN90	4 900
(Total Salary)		(5 340)
7. Larue I. Sares, 0568, Clerk III.....	N	4 290
8. Joaquin Pelayo, 0565, Receiving Clerk.....	N	4 260
9. George E. Campbell, 0567, Stores Clerk.....	N	4 530
10. George S. Lewis, Stores Clerk.....	N	3 840
11. Terese S. Arnoldi, 0569, Clerk-Stenographer III.....	N	4 020
12. Phyllis S. Skutnik, 0564, Secretary (Stenographic).....	N	4 740
<i>Total, Business Office.....</i>		<u>\$62 370</u>

General Stores

Account Number 75-05-15

1. Thomas Halstengard, 0562, Purchasing Assistant III.....	ZN25	\$ 1 800
(Total Salary)		(8 000)
2. Nathan Barach, 0570, Storekeeper.....	N80	3 840
<i>Total, General Stores</i>		<u>\$ 5 640</u>

Auxiliary — Bookstore

Account Number 75-15-20

1. Dorothy E. Conlon, 0579, Cashier I.....	N	\$ 4 170
2. Evelyn S. Bassett, 6814, Accounting Clerk II.....	N	5 400
3. Evelyn Marcus, 7044, Bookstore Clerk I.....	N	3 690
4. Beatrice Schwartz, 6144, Bookstore Clerk I.....	N	4 170
5. Emmett E. Willis, 0573, Chief Clerk.....	N	6 000
6. Rhoda M. Johnson, 0580, Clerk-Typist III.....	N	4 170
7. Harry E. Summers, 0572, Bookstore Manager.....	N	10 000
8. Frank Goetker, 0574, Storekeeper.....	N	5 190
9. William J. Hudson, 0578, Storekeeper.....	N	4 560
<i>Total, Auxiliary — Bookstore</i>		<u>\$47 350</u>

Veterans' Certification

Account Number 88-05-15

1. Leslie Taylor, 0563, Accountant II.....	ZN13	\$ 720
(Total Salary)		(6 190)
<i>Total, Veterans' Certification</i>		<u>\$ 720</u>

Admissions and Records

Account Number 70-05-20

1. C. Muriel Fakhoury, 0596, Clerk II.....	N	\$ 3 450
2. Gladys L. Jackson, 0597, Clerk II.....	N	3 750
3. Emily Wickert, 0598, Clerk II.....	ZN86	3 150
(Total Salary)		(3 630)
4. Mary A. Grosch, 0589, Clerk III.....	N	4 140
5. Rachel W. Hawkins, 0590, Clerk III.....	N	3 900
6. Edna Williams, 0586, Clerk III.....	N	3 960
7. Adrienne Zmyslony, 0588, Clerk III.....	N	4 350
8. Lois Jud, 0592, Typing Clerk II.....	N	3 240
9. Irene R. Schmidt, 0578, Typing Clerk II.....	N	3 270
10. Alice J. Johnson, 0594, Clerk-Stenographer II.....	N	3 540
11. Delores Davis, 0587, Clerk-Stenographer III.....	N	3 900
12. Ruth S. Germain, 0582, Assistant Examiner.....	N	5 790
13. Kirker Smith, 0581, Examiner and Recorder.....	N	8 100
14. Barbara A. Long, 0593, Office Appliance Operator II.....	N	3 420
15. Jeannet Gage, 0584, Recorder.....	N	6 480
16. Margaret L. Hewitt, 6701, Assistant Recorder.....	N	4 980
17. Lenore B. Liebman, 0583, Assistant Recorder.....	N	5 460
18. Dorothy Dobrynski, 0585, Secretary (Stenographic).....	N	5 100
<i>Total, Admissions and Records</i>		<u>\$79 980</u>

Veterans' Certification

Account Number 88-05-20

1. Emily Wickert, 6113, 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	\$ 4 860
2. Rose M. Strueck, 0601, Visiting Nurse.....	ZN40	2 040
(Total Salary)		(5 100)
3. Leonard D. Harper, 0599, Personnel Officer.....	N	8 500
<i>Total, Nonacademic Personnel</i>		<u>\$15 400</u>

Stenographic Service

Account Number 75-10-15

1. Bernice Blackwood, 3141, Chief Clerk.....	N	\$ 4 920
2. Frances L. Hedge, 0604, Duplicating Machine Operator II.....	N	3 900
3. Gifford D. Pleasant, 0603, Duplicating Machine Operator III.....	N	4 860
<i>Total, Stenographic Service.....</i>		<u>\$13 680</u>

Dean of Students

Account Number 70-05-30

1. Beverly J. Stange, 0607, Clerk-Stenographer II.....	N	\$ 3 810
2. Esterfina C. Jones, 0644, Clerk-Stenographer III.....	N	4 020
3. Virginia Duke, 0605, Secretary (Stenographic).....	N	4 680
<i>Total, Dean of Students.....</i>		<u>\$12 510</u>

Auxiliary — Student Hospital and Medical Services

Account Number 75-15-30

1. Leslie Taylor, 0563, Accountant II.....	ZN12	\$ 700
(Total Salary)		(6 200)
2. Inez V. Dunn, 0566, Cashier III.....	ZN10	440
(Total Salary)		(5 400)
3. ———, 6776, Typing Clerk II.....	N	3 420
<i>Total, Auxiliary — Student Hospital and Medical Services.....</i>		<u>\$ 4 560</u>

Health Service

Account Number 70-05-35

1. Wilbur H. Oestreich, 0609, Assistant to Director of Health Service.....	N	\$ 6 500
2. ———, 6639, Clerk II.....	N	2 700
3. Eleanore O. Beymer, 0610, Clerk-Typist III.....	N	3 600
4. Alice M. Sanderson, 7052, Health Service Nurse.....	N	4 800
<i>Total, Health Service.....</i>		<u>\$17 600</u>

Public Information

Account Number 70-05-45

1. Nancy Harding, 6615, Editorial Assistant.....	N	\$ 4 050
2. Seymour Handwerker, 0611, Assistant Manager of Public Information.....	N	5 700
<i>Total, Public Information.....</i>		<u>\$ 9 750</u>

LIBERAL ARTS AND SCIENCES**Administration**

Account Number 70-10-05

1. Florence Grayson, 0615, Clerk-Typist II.....	N	\$ 3 750
2. Ruth Betty Karpel, 0614, Secretary (Stenographic).....	N	4 680
<i>Total, Administration</i>		<u>\$ 8 430</u>

Biological Sciences

Account Number 70-10-10

1. Nel A. Samsom, 7060, Laboratory Assistant II.....	N	\$ 3 600
2. Edward M. Dryja, 0618, Laboratory Assistant III.....	N	5 070
3. Sheila J. Shankin, 0617, Clerk-Typist II.....	N	3 420
<i>Total, Biological Sciences.....</i>		<u>\$12 090</u>

Humanities

Account Number 70-10-15

1. Eleanor C. Thomas, 0619, Clerk-Stenographer III.....	N	\$ 4 080
2. Lucille Dawson, 0620, Clerk-Typist II.....	N	3 480
3. Inez F. Engel, 7412, Clerk-Typist II.....	N	3 480
<i>Total, Humanities</i>		<u>\$11 040</u>

Mathematics

Account Number 70-10-20

1. Adelaide D. Riedl, 0621, Clerk-Typist III.....	N	\$ 4 200
<i>Total, Mathematics</i>		\$ 4 200

Physical Sciences

Account Number 70-10-25

1. Monnie Ellens, 0622, Clerk-Typist III.....	N	\$ 3 720
2. Frederick R. Gatto, 0624, Storekeeper.....	N	5 160
3. John T. Rutter, 0623, Storekeeper.....	N	4 620
<i>Total, Physical Sciences</i>		\$13 500

Social Sciences

Account Number 70-10-30

1. Natalie E. Murray, 0625, Clerk-Typist II.....	N	\$ 3 900
<i>Total, Social Sciences</i>		\$ 3 900

ENGINEERING SCIENCES**Administration**

Account Number 70-15-05

1. Jo Anne Mlynski, 0628, Typing Clerk II.....	N	\$ 3 360
2. Florence P. Tanka, 0627, Typing Clerk III.....	N	4 050
3. Rose N. Turicchi, 0626, Secretary (Stenographic).....	N	5 250
<i>Total, Administration</i>		\$12 660

Architecture and Art

Account Number 70-15-10

1. Vivian F. Miller, 5645, Clerk-Typist II.....	N	\$ 3 480
2. Helen Harron, 0630, Clerk-Typist III.....	N	4 320
<i>Total, Architecture and Art</i>		\$ 7 800

General Engineering

Account Number 70-15-20

1. Margaret Shanahan, 0631, Clerk-Stenographer II.....	N	\$ 4 080
<i>Total, General Engineering</i>		\$ 4 080

Physics

Account Number 70-15-25

1. Otto V. Vitello, 0632, Laboratory Assistant III.....	N	\$ 5 340
2. Jean H. Yamate, 0633, Clerk-Stenographer III.....	N	4 500
<i>Total, Physics</i>		\$ 9 840

Shop Laboratories

Account Number 70-15-30

1. _____, 0637, Clerk-Stenographer II.....	N	\$ 3 600
2. _____, 6473, Junior Laboratory Mechanic.....	N	4 480
3. Matthew Wisniewski, 0634, Senior Laboratory Mechanic..	N	5 251
4. Eugene N. Feller, 0635, Junior Foundry Molder.....	N	4 897
<i>Total, Shop Laboratories</i>		\$18 228

COMMERCE AND BUSINESS ADMINISTRATION

Account Number 70-20-05

1. Patricia J. McMillan, 0639, Clerk-Typist II.....	N	\$ 3 750
2. Lois L. Thompson, 0638, Secretary (Stenographic).....	N	4 920
<i>Total, Commerce and Business Administration</i>		\$ 8 670

PHYSICAL EDUCATION

Account Number 70-20-10

1. Frank W. Winters, 0641, Men's Locker Room Attendant. N		\$ 4 410
2. Charlye B. Williams, 0642, Women's Locker Room Attendant.....	N	3 210

3. C. J. Oleszkiewicz, 0640, Chief Clerk.....	ZN88	4 860
(Total Salary)		(5 460)
4. Helen M. Weiss, 0643, Typing Clerk II.....	N	3 180
5. Kenneth C. Nelson, 7055, Clerk-Typist II.....	N	3 330
<i>Total, Physical Education</i>		<u>\$18 990</u>

Auxiliary — Student Athletic Activities

Account Number 75-15-10

1. C. J. Oleszkiewicz, 0640, Chief Clerk.....	ZN12	\$ 600
(Total Salary)		(5 460)
<i>Total, Auxiliary — Student Athletic Activities</i>		<u>\$ 600</u>

ARMED FORCES

Account Number 70-20-20

1. Flora Costea, 0646, Clerk-Typist II.....	N	\$ 3 630
<i>Total, Armed Forces</i>		<u>\$ 3 630</u>

LIBRARY

Account Number 70-20-30

1. Joanne C. Andrulis, 0650, Library Clerk II.....	N	\$ 3 360
2. Ardie M. Grady, 0653, Library Clerk II.....	N	3 420
3. Bonita M. McAllister, 0658, Library Clerk II.....	N	3 390
4. Mary L. Morris, 6659, Library Clerk II.....	N	3 330
5. Shao Hsun Lin, 0660, Library Clerk III.....	N	3 960
6. Mary Lou Rafal, 0656, Library Clerk III.....	N	3 780
7. Ernest D. Sims, Jr., 0655, Library Clerk III.....	N	3 720
8. Murline Smith, 5267, Library Clerk III.....	N	3 600
9. Gladys R. Spargo, 0659, Library Clerk III.....	N	3 720
10. Phedorah Prescott, 0648, Chief Library Clerk.....	N	4 260
11. Aileen Montgomery, 7338, Typing Clerk II.....	N	3 360
12. Genevieve Volotta, 6886, Clerk-Typist II.....	N	3 390
13. Geraldine Glover, 0657, Clerk-Typist III.....	N	4 110
14. Emily C. Wilson, 0652, Clerk-Typist III.....	N	3 660
15. Frances M. Stiritz, 0647, Secretary (Stenographic).....	N	5 460
<i>Total, Library</i>		<u>\$50 520</u>

PHYSICAL PLANT**Administration**

Account Number 70-25-02

1. Caroline Martin, 0686, Clerk II.....	ZN88	\$ 3 180
(Total Salary)		(3 600)
2. Janet L. Dehler, 0668, Clerk-Stenographer II.....	N	3 630
3. Dora H. Wrobel, 0665, Clerk-Stenographer III.....	N	4 800
4. Robert L. Zander, 0661, Superintendent of Buildings and Grounds.....	N	11 700
<i>Total, Administration</i>		<u>\$23 310</u>

Building Operation

Account Number 70-25-04

1. Joseph J. Ehrlicher, 0670, Assistant Superintendent of Buildings and Grounds.....	N	\$ 7 800
<i>Total, Building Operation</i>		<u>\$ 7 800</u>

Building Maintenance

Account Number 70-25-08

1. Meyer I. Serlin, 0680, Storekeeper.....	N	\$ 4 620
2. Ned R. Lohan, 0679, Routing Supervisor.....	N	6 900
3. Ronald H. Laycock, 0678, Supervisor of Building Craftsmen.....	N	9 471
<i>Total, Building Maintenance</i>		<u>\$20 991</u>

Telephone Service

Account Number 75-10-25

1. Caroline Martin, 0686, Clerk II.....	ZN12	\$ 420
(Total Salary)		(3 600)
2. Rita M. Wilson, 6939, Accounting Clerk II.....	ZN15	711
(Total Salary)		(4 740)
<i>Total, Telephone Service</i>		<u>\$ 1 131</u>

Auxiliary Enterprises**Food Service**

Account Number 75-15-05

1. Rita M. Wilson, 6939, Accounting Clerk II.....	ZN85	\$ 4 029
(Total Salary)		(4 740)
2. Jenny E. Carson, c688, Food Production Manager.....	N	6 120
3. Margaret D. Johnson, 5813, Food Service Manager.....	ZN30	3 180
(Total Salary)		(10 600)
4. Viola Walberg, 5531, Assistant Food Service Manager....	ZN30	2 340
(Total Salary)		(7 800)
<i>Total, Food Service</i>		<u>\$15 669</u>

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

September 16, 1959



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 16, 1959, beginning at 2:30 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 Gordon N. Ray, Dr. H. E. Longenecker, Vice-President in charge of the Chicago Professional Colleges, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Dr. Donald J. Caseley, Associate Dean of the College of Medicine and Medical Director of the Research and Educational Hospitals, Dr. Orville S. Walters, Director of Health Services, Mr. C. S. Havens, Director of the Physical Plant, Mr. Ralph F. Lesemann, Legal Counsel, Mr. Joseph S. Begando, Assistant to the President, Professor Norman A. Parker, Chairman of the Building Program Committee, Mr. Donald E. Dickason, Director of Nonacademic Personnel, Mr. C. E. Flynn, Director of Public Information; and the officers of the Board, Mr. C. W. Weldon, Treasurer, Mr. H. O. Farber, Comptroller, and Mr. A. J. Janata, Secretary.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of the Board of Trustees on May 16, 1959, press proof copies of which have previously been sent to the Board.

On motion of Mr. Johnston, these minutes were approved as printed on pages 403 to 431, 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>
RALPH KREAMER BROOKS	Dubuque, Iowa	Iowa
WALTER ORVILLE HARRIS	Chicago	Michigan
ALFRED LEO HUNT	Elmhurst	Minnesota
ARTHUR JAMES LAUGHLIN	University City, Missouri	Missouri
THOMAS EDWARD PURKY	Lake Forest	Indiana
GILBERT RAFF	Nutley, New Jersey	New Jersey
RONALD RANDALL RICE	Holland	Texas

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, 1959, and who have fulfilled all other legal requirements under Sections 1, 2, and 3 of the Illinois Accountancy Act of 1943 as amended:

GEORGE JAMES ACTON (Elk Grove Village)	PHILLIP GREGORY CONLON (Park Forest)
DONALD WALTER ADAMS (Chicago)	LEO ALAN CROTTY (Chicago)
ROBERT WALTER AHLGRIM (Elmhurst)	EDWARD HERRICK CULVER, JR. (Springfield)
JOSEPH DANIEL AMENT (Chicago)	EARL EUGENE CUNION (Hazelcrest)
JAY WESLEY ANDERSON (Berwyn)	NORMAN WILLIAM CUSICK (Champaign)
RICHARD EUGENE ANDERSON (Skokie)	LYLE MARION DAHLENBURG II (Lombard)
JOHN JAMES ARGOUDELIS (Lockport)	JAMES ROBERT DEPAUW (Chicago)
LAWRENCE JAMES BALDWIN (Chicago)	MARILYN ANNE DERWENT (Chicago)
VICTOR HUGH BARBER (Peoria)	NANCY ANN McMILLAN DESMOND (Urbana)
WILLIAM BERNARD BARRETT (Charleston)	JOHN KARL DICKASON (Champaign)
ALBERT FRANCIS BERGSCHNEIDER (Ashland)	VANCE HOVET DILLINGHAM (Chicago)
PAUL WILSON BISHOP (Park Forest)	CHARLES NORMAN DOLD (Wilmette)
ROBERT LEE BLACK, JR. (Peoria)	THOMAS ANTHONY DOWD (Chicago)
KEITH VON BLACKSTONE (Oak Lawn)	RICHARD ALLYN DUNN (Evanston)
ROBERT GREGORY BLODGETT (Chicago)	JOHN WILLIAM DUNSKI (Zion)
NEIL GARY BLUHM (Chicago)	ROBERT EMMET DUNWORTH (Chicago)
DAVID EUGENE BODELL (Park Forest)	GERALD TAD EISENSTEIN (Chicago)
JOHN RICHARD BUTLER (Chicago)	NORMAN DARCY EMMERICH (Belleville)
ROBERT MICHAEL CALLERO (Niles)	GERALD FEITLER (Chicago)
ROGER WAYNE CALLIHAN (Rockford)	PHILIP EUGENE FESS (Urbana)
VENTON PARRISH CARLSTON (Chicago)	RICHARD PATRICK FINNEGAN (Chicago)
LAVERNE HENRY CASSENS (Rockford)	MICHAEL EDWARD FOX (Chicago)
SHELDON DAVID CHIZEVER (Chicago)	
JAMES EDWARD CLARK (Chicago)	
CHARLES PATRICK CLARKE (Chicago)	

- THOMAS ROLAND FRANKLIN (Elmwood Park)
 ROBERT JOHN FUCHS (Chicago)
 JAMES PHILIP GEIMER (Chicago)
 JOSEPH ALBERT EMILE GERVAIS (Chicago)
 ABRAHAM GOLDSTEIN (Chicago)
 CHARLES MICHAEL GOODMAN (Chicago)
 ROBERT BURTON GORDON (Moline)
 JOHN FRANCIS GORMAN (Chicago)
 JERALD DALE GRANDE (Park Forest)
 MARVIN GREENE (Chicago)
 JOHN JOSEPH GRIFFIN (Chicago)
 ROBERT MICHAEL GROTZ (Chicago)
 RICHARD LOUIS GUIAND (Libertyville)
 MARSHALL LESTER HAMMERSLEY (Chicago)
 THEODORE EDGAR HANSON (Evanston)
 HERBERT MACKLYN HARRIS (Chicago)
 JOHN PETER HARTMANN (Chicago)
 DAVID JOSEPH HEARNE, JR. (Riverdale)
 MILFORD NATHANIEL HEDBERG, JR. (Chicago)
 WILLIAM CLARK HEDDEN (Chicago)
 RAYMOND JOHN HEIDERSCHIEDT (Brookfield)
 HERBERT ALLAN HELLER (Skokie)
 GEORGE HELLMANN, JR. (Chicago)
 DOUGLAS PAUL HERR (Evanston)
 ROBERT LEWIS HINES (Villa Park)
 WILLIAM HENRY HINTON (Chicago)
 DONALD ROBERT HOUK (Scott Air Force Base)
 JAMES AKIO ITO (Chicago)
 JAMES CONRAD JACOBSEN (Libertyville)
 HAROLD WILLIAM JASPER (Champaign)
 VERNON ARTHUR JOHNSON (Chicago)
 THEODORE EUGENE JORDAN (Normal)
 RUSSELL HENRY JUHRE (Arlington Heights)
 MELVYN RICHARD KALAS (Chicago)
 SOLOMON MESSIAH KAMM (Chicago)
 ROBERT AMBROSE KENNEDY (Evanston)
 JOSEPH ALLEN KIBORT (Chicago)
 HAROLD THOMAS KILLGORE (LaGrange)
 JOSEPH CHARLES KLACZYNSKI (Chicago)
 SHERWIN KLASSMAN (Chicago)
 MERLIN DEAN KNISPEN (Park Forest)
 EDWARD PAUL KNOLL (Chicago)
 PAUL KOLE (Chicago)
 ARTHUR SYDNEY KRAUS (Chicago)
 MICHAEL JAY KUHN (Chicago)
 RONALD ELMER KURZ (Elmhurst)
 ROBERT LEE LAWRENCE (Chicago)
 BURTON JAY LEADER (Chicago)
 KENNETH SHERMAN LEVIN (Chicago)
 JOSEPH RUBIN LOWENSTEIN (Chicago)
 MICHAEL LEVY LOWENTHAL (Chicago)
 MANUEL LUBELFELD (Chicago)
 PHILMORE LURIE (Chicago)
 GERALD MAURICE MARKS (Chicago)
 WILLIAM JOSEPH MARTIN (Dolton)
 SIGRID MARGUERITE MAYNARD (Chicago)
 NATHAN LeROY McCLURE (Chicago)
 J. KENT McHOSE (LaGrange)
 RAYMOND CHARLES MEYSING (Chicago)
 ESTHER GERTRUDE MIGDAL (Chicago)
 GIRARD GEORGE MILLER (Chicago)
 ROBERT SHELDON MOE (Villa Park)
 DANIEL FRANCIS MULLIGAN (Oak Park)
 WILLIAM EMIL NAEDEL (Chicago)
 ROBERT MANLEY NAIMAN (Chicago)
 MICHAEL ANTHONY KENGO NAKAMURA (Chicago)
 JOHN CLIFFORD NELSON (Rockford)
 ROGER PAUL NOORTHOEK (Evanston)
 JAMES C. OEHRRING (Park Ridge)
 RAY HARRIS OLESON (Rockford)
 RONALD LEONARD ORLEAN (Chicago)
 JOHN CARL ORTBERG (Rockford)
 ARNOLD JULIUS OUNAPU (North Chicago)
 WILLIAM HARVEY OWENS (Evanston)
 ALFRED OTTO PAULUS (Chicago)
 JAMES LOREN PENCE (Champaign)
 NELS LEO PIERSON (Chicago)
 HAROLD GEORGE POINDEXTER (Champaign)
 FRANKLIN THOMAS POPELKA (Chicago)
 MORTON SUMNER POSTELNEK (Chicago)
 HARRY GEORGE POWELL (Westchester)
 JAMES BYE PRENTICE (Chicago)
 LESLIE PHILIP PRIZANT (Chicago)
 TED MORRIS RABUN (Champaign)
 ARLAN MILES RAUL (Chicago)
 RICHARD CARL RAUPP (Decatur)
 STUART WAYNE RICHARDSON (Park Forest)
 LOUIS EDWARD ROSEN (Chicago)
 BURTON ROTTMAN (Chicago)
 EDWARD ANDREW ROZETKA (Cicero)
 NORMAN RUBENS (Chicago)
 DONALD JOHN RYAN (Chicago)
 EUGENE EDWARD RYAN (Oak Park)
 RICHARD JOSEPH RYAN (Peoria)
 DENNIS JOSEPH SANTONI (Evergreen Park)
 STEWART SCHENCKER (Chicago)
 HAROLD SCHY (Skokie)
 RICHARD EDWARD SHEA (Glenview)
 ROBERT STUART SILVER (Chicago)
 ZIGMOND JOSEPH SLIAZAS (Chicago)
 DEAN ALLEN SMITH (Oak Park)
 GEORGE LeROY SORENSON (Rockford)
 ROBERT FRANK STEDRONSKY (Elk Grove Village)
 JACK MARVIN STERN (Chicago)
 LEROY LOUIS STERRENBURG (Chicago)
 KENNETH GLEN STROM (LaGrange Park)
 FREDERICK WILLIAM STUCKWISCH (Harvey)
 WALTER BERNARD SUGAR (Chicago)
 SANFORD EDWARD TAKIFF (Chicago)
 WILBERT ARTHUR THIEL (Chicago)
 DEAN EDWARD THOM (Decatur)
 JOHN LEONARD THOMAS (Park Forest)

CLARENCE LESLIE TUPPER, JR.
(Evanston)
EDWIN WESSEL UTAY (Skokie)
GENE PAUL UTLEY (Chicago)
FRANK JAY VAN OVERSTRAETEN
(Blue Island)
DONALD JOHN WALLNER (Park Ridge)
RUSSELL JAMES WARD (Arlington
Heights)
I concur.

STANLEY JOSEPH WCISLO (Chicago)
IRWIN WEINER (Calumet City)
ROBERT HAROLD WHITE (Chicago)
HAZARD CLARKE WHITMORE
(Evanston)
BERNARD WICZER (Chicago)
IRVIN EDWIN WILLIAMSON (Evanston)
ROBERT CLARENCE WOJCIK (Berwyn)
LINCOLN J. WOODYARD (Charleston)

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

HEADSHIP OF DEPARTMENT OF SOCIOLOGY

(2) The Dean of the College of Liberal Arts and Sciences recommended the appointment of Dr. Louis Schneider, presently Professor of Sociology at Purdue University, as Professor of Sociology on indefinite tenure and as Head of the Department beginning March 1, 1960, at an annual salary rate of \$15,000 on "A" basis. Dr. Schneider is presently on leave of absence from Purdue, having accepted an appointment as Visiting Professor of Sociology at Dartmouth College for the academic year 1959-60, but Dartmouth is willing to release him from this assignment at the end of its second quarter in March. Professor Schneider was unanimously recommended for this appointment by a special search committee which conducted an exhaustive study of the qualifications of a long list of candidates over a period of several months. Members of the Department of professorial rank were subsequently consulted as required by the University Statutes. The Vice-President and Provost and the Dean of the Graduate College join in the recommendation of this appointment.

The Department of Sociology has voted in favor of a change in departmental organization from the present organization under a chairman to a department organized with a head. The Dean of the College of Liberal Arts and Sciences recommends this change effective as of March 1, 1960, and that Professor J. E. Hulett be reappointed Chairman for the period September 1, 1959, to March 1, 1960. Professor Hulett, who has served as Chairman since 1953, asked to be relieved of the chairmanship at the end of the academic year 1958-59, but he is willing to continue serving as Chairman for the interim period indicated. He will be on sabbatical leave during the second semester.

I have approved the appointment of Professor Schneider and request confirmation of my action. I also concur in the recommendation for the change in departmental organization.

On motion of Mr. Swain, 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. JACK LAWRENCE ALBRIGHT, Assistant Professor of Dairy Husbandry, beginning September 1, 1959, at an annual salary of \$7,350 (BY).
2. JAMES E. AMBROSE, Assistant Professor of Architecture, beginning September 1, 1959, at an annual salary of \$7,000 (B).
3. KURT E. M. BAIER, Visiting Professor of Philosophy, for the second semester of 1959-60, at a salary of \$4,800 (D).
4. GERTRUDE LEANN BORCHERS, Assistant Professor of Home Economics, beginning September 1, 1959, at an annual salary of \$7,350 (DY).
5. HARRINGTON C. BREARLEY, JR., Research Assistant Professor in the Digital Computer Laboratory and in the Department of Electrical Engineering, beginning September 1, 1959, at an annual salary of \$10,400 (BY).
6. KEITH OLIVER CAMPBELL, Visiting Professor of Agricultural Economics, on one-half time, for the first semester of 1959-60, at a salary of \$3,500 (G50).
7. ZANE B. CAROTHERS, Assistant Professor of Botany, beginning September 1, 1959, at an annual salary of \$6,000 (B).
8. GERHARD JOHN CHRISTENSON, Assistant Professor of Agricultural Extension and Assistant State Leader of Farm Advisers in County Farm Extension, beginning September 1, 1959, at an annual salary of \$9,000 (DY).

9. DOMINICK A. COVIELLO, Assistant Professor of Chemistry, in the College of Pharmacy, beginning November 1, 1959, at an annual salary of \$7,000 (D).
10. RICHARD E. DICKERSON, Assistant Professor of Physical Chemistry, beginning September 1, 1959, at an annual salary of \$6,200 (D).
11. AMIEL FEINSTEIN, Assistant Professor of Mathematics, beginning February 1, 1960, at an annual salary of \$7,000 (B); superseding appointment.
12. LAWRENCE A. FISHER, Associate Director of Research in Medical Education, in the College of Medicine, and Associate Professor of Education, in the College of Education, beginning September 24, 1959, at an annual rate of \$12,750 (BY).
13. RAYMOND W. FRANKMANN, JR., Assistant Professor of Psychology, beginning September 1, 1959, at an annual salary of \$6,600 (B).
14. BRIAN HACKETT, Visiting Professor of Landscape Architecture, in the Department of City Planning and Landscape Architecture, beginning March 1, 1960, and continuing to February 28, 1962, at an annual salary of \$11,000 (G).
15. ROGER F. HARRINGTON, Visiting Associate Professor of Electrical Engineering, on one-half time, for the academic year 1959-60, at a salary of \$4,600 (E50).
16. NELSON H. HARRIS, Visiting Professor of Education, for the academic year 1959-60, at a salary of \$9,000 (E).
17. I. IRVING HOLLAND, Associate Professor of Forest Economics, in the Department of Forestry, beginning September 1, 1959, at an annual salary of \$10,000 (BY).
18. HARRY LUSTIG, Visiting Research Assistant Professor of Physics, on one-half time, beginning September 16, 1959, at an annual salary of \$4,500 (E50).
19. JAMES J. JAMBOR, Assistant Professor of Dermatology, beginning September 1, 1959, at an annual salary of \$9,940 (DY).
20. ROBERT D. KATZ, Assistant Professor of City Planning, in the Department of City Planning and Landscape Architecture and in the Bureau of Community Planning, beginning September 1, 1959, at an annual salary of \$7,750 (BY).
21. SCOTT KEYES, Associate Professor of Regional Planning, in the Bureau of Community Planning and in the Department of City Planning and Landscape Architecture, beginning September 1, 1959, at an annual salary of \$10,800 (AY).
22. JAMES CLARENCE LAVERTY, Assistant Professor of Agronomy, beginning September 1, 1959, at an annual salary of \$7,350 (BY).
23. EDGAR LÜSCHER, Research Assistant Professor in the Coordinated Science Laboratory and in the Department of Physics, beginning October 1, 1959, at an annual salary of \$9,000 (DY).
24. JOHN FAIRBANKS LYNNEN, Assistant Professor of English, beginning September 1, 1959, at an annual salary of \$6,300 (B).
25. KENNETH R. MANGAN, Associate Professor in the Institute for Research on Exceptional Children, beginning September 1, 1959, at an annual salary of \$8,500 (D).
26. CLYDE MANWELL, Assistant Professor of Physiology, beginning September 1, 1959, at an annual salary of \$7,200 (B).
27. GERALD S. MARYANOV, Assistant Professor of Political Science, beginning September 1, 1959, at an annual salary of \$6,000 (D).
28. LAWRENCE JOHN MCCAFFREY, Assistant Professor of History, beginning September 1, 1959, at an annual salary of \$6,500 (B).
29. ROBERT A. MUNGERSON, Assistant Professor of Medical Social Work, in the College of Medicine, on one-half time, beginning September 1, 1959, at an annual salary of \$3,825 (DY50).
30. ARTHUR GEORGE NIKELLY, Clinical Psychologist and Assistant Professor of Hygiene in the Health Service, beginning September 1, 1959, at an annual salary of \$7,500 (DY).
31. MANFRED J. RAETHER, Research Assistant Professor in the Coordinated Science Laboratory and in the Department of Physics, beginning September 1, 1959, at an annual salary of \$9,000 (DY).
32. LLOYD WARREN RAVLIN, Psychiatrist and Assistant Professor of Hygiene in the Health Service, beginning September 1, 1959, at an annual salary of \$14,000 (DY).
33. WILLIAM ABBOTT RICE, Visiting Associate Professor of Geology, in the Division of General Studies, beginning September 1, 1959, at an annual salary of \$8,000 (D).

34. MIODRAG RISTIC, Professor of Veterinary Pathology and Hygiene, in the College of Veterinary Medicine, beginning October 1, 1959, at an annual salary of \$13,000 (AY).
35. DONALD MERLE ROBERTS, Assistant Professor of Mathematics, beginning September 1, 1959, at an annual salary of \$6,500 (B).
36. CALVIN O. SCHRAG, Visiting Assistant Professor of Philosophy, for the first semester of 1959-60, at a salary of \$4,200 (G).
37. MORRIS SIEGEL, Visiting Professor of Anthropology, for ten months from September 1, 1959, at a salary of \$9,000 (G).
38. ARTHUR REEDER SINSABAUGH, Assistant Professor of Art, beginning September 1, 1959, at an annual salary of \$7,000 (B).
39. WILBUR J. THOM, Acting Auditor in the Business Office, beginning September 1, 1959, at an annual salary of \$10,500 (DY).
40. BRINLEY THOMAS, George A. Miller Professor of Economics, for the second semester of 1959-60, at a salary of \$8,000 (E).
41. JAN B. THOMAS, Visiting Professor of Botany, beginning September 1, 1959, at an annual salary of \$14,000 (DY).
42. ANNE ELIZABETH VAN DYKE, Assistant Professor of Hygiene and Physician to McKinley Hospital and the Health Center, beginning September 1, 1959, at an annual salary of \$12,000 (DY).
43. FREDERICK W. WHITESIDE, JR., Visiting Professor of Law, beginning September 1, 1959, at an annual salary of \$12,900 (D).
44. LOUIS C. ZAHNER, Visiting Professor at University High School, for four and one-half months from February 1, 1960, at a salary of \$5,000 (E).

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

NONSALARIED FACULTY OF THE COLLEGE OF MEDICINE, 1959-60

(4) I present the following list of appointments to the nonsalaried faculty of the College of Medicine for the academic year beginning September 1, 1959, 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, 1959, unless otherwise stated.

Summary		
<i>Department</i>	<i>1958-59</i>	<i>1959-60</i>
Anatomy.....	5	8
Biological Chemistry.....	5	6
Clinical Science.....	5	6
Dermatology.....	22 (2)*	24 (2)
Medical Social Work.....	1	4
Medicine.....	270 (20)	264 (19)
Microbiology.....	2	3
Neurology and Neurological Surgery.....	12	17
Obstetrics and Gynecology.....	89 (3)	94 (3)
Ophthalmology.....	65 (2)	69 (2)
Orthopaedic Surgery.....	26 (1)	30 (1)
Otolaryngology.....	68 (6)	67 (6)
Pathology.....	33 (1)	35 (1)
Pediatrics.....	62 (5)	62 (4)
Pharmacology.....	4 (1)	2
Physical Medicine and Rehabilitation.....	3	3
Physiology.....	4	4
Preventive Medicine.....	3 (1)	5 (1)
Psychiatry.....	90 (4)	108 (3)
Public Health.....	6	7
Radiology.....	21	22
Surgery (including Urology and Anesthesiology).....	189 (13)	207 (12)
<i>Total</i>	<u>985 (59)</u>	<u>1 047 (54)</u>

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

Anatomy

GUSTAV ZECHEL, Clinical Associate Professor
 PHILIP A. CASELLA, Clinical Assistant Professor
 ARTHUR F. CIPOLLA, Clinical Assistant Professor
 LAWRENCE G. KHEDROO, 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
 SJOERD B. BONTING, Assistant Professor
 HOWARD H. SKY-PECK, Assistant Professor
 GORDON S. STEWART, Clinical Assistant Professor
 IRVING LYON, Assistant Professor
 ABRAHAM S. MARKOVITZ, Assistant Professor

Clinical Science

KAO HWANG, Assistant Professor
 CARL A. JOHNSON, Assistant Professor
 TSUNG-MIN LIN, Assistant Professor
 E. RHODA GRANT, Research Associate
 GEORGE E. PARK, Research Associate
 DANIEL S. STEVENS, Research Associate

Dermatology

MICHAEL H. EBERT, Clinical Professor (Rush), *Emeritus*¹
 JAMES H. MITCHELL, Clinical Professor (Rush), *Emeritus*
 LEONARD F. WEBER, Clinical Professor
 CLARK W. FINNERUD, Clinical Associate Professor (Rush)
 IRENE NEUHAUSER, 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
 PAUL R. GRIFFITH, Clinical Assistant Professor
 JOHN B. HAEBERLIN, JR., Clinical Associate Professor
 MILTON ROBIN, Clinical Associate Professor
 LOUIS RUBIN, Clinical Assistant Professor
 FRANCIS W. HETREED, Clinical Associate
 STEFAN BIELINSKI, Clinical Instructor
 ALLEN S. PEARL, JR., Clinical Instructor
 HAROLD M. SPINKA, Clinical Instructor
 BERNARD YAFFE, Clinical Instructor
 OTTO C. STEGMAIER, Research Associate
 BETSY B. BRENNAN, Assistant (one year from July 1, 1959)²
 JACK M. FOX, Assistant³
 MARTIN L. GECHT, Clinical Assistant
 ROBERT H. HARDING, Clinical Assistant
 ROLAND S. MEDANSKY, Assistant (one year from July 1, 1959)²

Medical Social Work

JOSEPHINE G. TAYLOR, Assistant Professor

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 assigned to Illinois Institute of Juvenile Research.

CORDELIA D. DERRICOTE, Instructor
 THEOPHILE F. LAVIZZO, 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
 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*
 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)
 EDWIN N. IRONS, Clinical Associate Professor
 ROY J. KORN, Clinical Associate Professor
 ROBERT O. LEVITT, Clinical Associate Professor
 MEYER R. LICHTENSTEIN, Clinical Associate Professor
 ARMAND LITTMAN, Clinical Associate Professor
 CLAYTON J. LUNDY, Clinical Associate Professor (Rush)
 J. CHARLES McMILLAN, JR., Clinical Associate Professor
 MILTON M. MOSKO, Clinical Associate Professor
 OGLESBY PAUL, Clinical Associate Professor
 ISADORE PILOT, Clinical Associate Professor
 SAMUEL H. ROSENBLUM, Clinical Associate Professor
 WILLIAM SAPHIR, Clinical Associate Professor
 JAMES A. SCHOENBERGER, Clinical Associate Professor
 THEODORE B. SCHWARTZ, 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
 HOWARD WAKEFIELD, Clinical 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. AKKE, Clinical Assistant Professor

CARL F. BAUMEISTER, Clinical Assistant Professor
PAUL L. BEDINGER, Clinical Assistant Professor
MAX BERG, Clinical Assistant Professor
LIONEL M. BERNSTEIN, Clinical 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
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
ROLF M. GUNNAR, Clinical Assistant Professor (fourteen months from July 1, 1959)

AARON GUNTHER, Clinical Assistant Professor
BUFORD HALL, Clinical Assistant Professor
WILLIAM J. HAND, Clinical Assistant Professor
PAUL HELLER, 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
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
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
THEODORE Z. POLLEY, Clinical Assistant Professor
JOHN POST, Clinical Assistant Professor (Rush)
OLDRICH PREG, Lecturer with rank of Assistant Professor
MARJORIE M. PYLE, 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)
HAROLD SCHOOLMAN, Clinical Associate (on leave of absence)
IRVIN S. SIGLIN, Clinical Assistant Professor (on leave of absence)
ELIZABETH K. STRAUS, Lecturer with rank of Assistant Professor (Rush)
GRAHAM A. VANCE, Clinical Assistant Professor
SEYMOUR W. WEISBERG, Clinical Assistant Professor
EDWARD O. WILLOUGHBY, Clinical Assistant Professor
ALEXANDER WOLF, Clinical Assistant Professor
HARRY J. YELLEN, Clinical Assistant Professor
SIMON ZIVIN, Clinical Assistant Professor
EUGENE GROSZ, Clinical Associate, *Emeritus*
J. LISLE WILLIAMS, Associate, *Emeritus*
THOMAS A. BAIRD, Clinical Associate (Rush)
GEORGE P. BALLARD, Clinical Associate
ROBERT J. BECKER, Clinical Associate
ALBIN M. BRIXEY, Jr., Clinical Associate
BENUM W. FOX, Clinical Associate
DONALD T. FOXWORTHY, Clinical Associate
RAYMOND M. GALT, Clinical Associate
MORTON A. GOLDMANN, Clinical Associate

LUKE J. GRIMELLI, Clinical Associate
CARL A. HEDBLUM, JR., Clinical Associate
ROBERT N. HEDGES, 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
ENNO MANDEMA, Research Associate (one year from July 1, 1959)
LESTER A. NALEFSKI, Clinical Associate
DONALD E. O'BRIEN, Clinical Associate
ROBERT M. POSKE, Clinical Associate
HELEN L. RHETTA, Clinical Associate
RIGBY C. ROSKELLEY, Clinical Associate
RALPH A. SCALA, Clinical Associate
IRA L. SCHNAER, Clinical Associate
MAURICE M. ALBALA, Clinical Instructor
C. CLYDE ANDERSON, Instructor (one year from July 1, 1959)^a
BERTHE E. ARMSTRONG, Clinical Instructor
MARY B. BACKER, Instructor (one year from July 1, 1959)^a
DAVID BALDWIN, Clinical Instructor
RAY F. BEERS, JR., Clinical Instructor
HERBERT E. BESSINGER, Clinical Instructor
WILLIAM E. BRETZ, Clinical Instructor
ROBERT W. CARTON, Clinical Instructor
JOHN L. CIRZAN, Clinical Instructor
JOSEPH A. COHEN, Clinical Instructor
G. WILLIAM COTTS, Clinical Instructor
JOSEPH A. DAVIS, Clinical Instructor
GEORGE A. DEJONG, Clinical Instructor
JOHN A. DETWEILER, Clinical Instructor
HENRY D. DEYOUNG, Clinical Instructor
MICHAEL M. DIGILIO, Clinical Instructor
EDWARD A. DOWNS, Clinical Instructor (one year from July 1, 1959)^a
PETER G. ECONOMOU, Instructor (one year from July 1, 1959)^a
BERNARD D. EDIDIN, Clinical Instructor
PETER J. FARAGO, Clinical Instructor
ROBERT E. FELIX, Instructor
THOMAS J. FITZPATRICK, Clinical Instructor
GEORGE C. FLANAGAN, Instructor (one year from July 1, 1959)^a
WILLIAM I. FREUD, Clinical Instructor
GERHARD FREUND, Clinical Instructor
ROBERT C. FRUIN, Clinical Instructor
RAIMONDS G. GAILITIS, Clinical Instructor
CLARENCE L. GANTT, Clinical Instructor
WILLIAM R. GARR, Clinical Instructor
CARL A. GEBUHR, Clinical Instructor
IRVING GREENSPAN, Clinical Instructor
THOMAS H. HAYES, Clinical Instructor
ROBERT N. HEDGES, JR., Clinical Instructor
ROBERT L. HERTING, Clinical Instructor
WILLIAM H. HIGHSTONE, Clinical Instructor
NATHAN J. IGLITZEN, Clinical Instructor
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
THEODOSIOS E. KIOUTAS, Instructor (one year from July 1, 1959)^a

WALLACE W. KIRKLAND, Jr., Clinical Instructor
 SYDNEY KOFMAN, Instructor
 JOHN C. KULIS, Clinical Instructor
 SAMUEL MATLIN, Clinical Instructor
 PETER S. MAYER, Clinical Instructor
 PAUL A. MEREDITH, Clinical Instructor
 THOMAS MORRISON, Clinical Instructor
 ROBERT C. MUEHRCKE, Instructor
 JOSHUA ODEN, Jr., Clinical Instructor
 LEONARD OHRINGER, Clinical Instructor
 ROBERT L. PARSONS, Instructor (one year from July 1, 1959)
 CHARLES P. PERLIA, Clinical Instructor
 WILLIAM H. PHELAN, Instructor
 GLOUCESTER A. PRICE, JR., Clinical Instructor
 CALVIN RADIN, Clinical Instructor
 ANITA ROBBINS, Clinical Instructor
 DEAN S. ROSSET, Clinical Instructor
 SEYMOUR R. SALBERG, Clinical Instructor
 VITOLDS R. SILINS, Instructor (one year from July 1, 1959)³
 WILLIAM K. SCUPHAM, Clinical Instructor
 ROBERT E. SLAYTON, Clinical Instructor
 LEONARD S. SLUZYNSKI, Clinical Instructor
 MARSHALL J. SNAPP, Clinical Instructor
 WILLIAM R. STARR, Clinical Instructor
 HARRY B. STONE, Clinical Instructor
 JEROME F. STRAUSS, JR., Clinical Instructor
 DONALD W. TARUN, Clinical Instructor
 KASRIEL TAUSK, Clinical Instructor
 RAYMOND TEPLITZ, Clinical Instructor (fourteen months from July 1, 1959)
 CHESTER B. THRIFT, Clinical Instructor
 ANGELO TORGO, Clinical Instructor
 ALSTON C. TWISS, Clinical Instructor
 CHARLES S. VIL, Clinical Instructor
 EARL A. VONDRASEK, Clinical Instructor
 MANFRED WEINSTEIN, Clinical Instructor (six months from July 1, 1959)
 JACK WILLIAMS, Clinical Instructor
 PAUL L. WINTER, Instructor (one year from July 1, 1959)³
 EDWARD J. WISS, Clinical Instructor
 CHARLES K. WOLFE, JR., Clinical Instructor
 JAMES R. ZVETINA, Clinical Instructor
 WILLIAM J. ANDREWS, Clinical Assistant
 FRANK O. BECKER, Assistant (one year from July 1, 1959)³
 SAMUEL BERGER, Clinical Assistant
 WILLIAM V. BLAZEK, Assistant (one year from July 1, 1959)²
 EMANUEL O. BRAMS, Assistant (one year from July 1, 1959)²
 ERNEST R. BROOKS, Clinical Assistant
 DONALD R. DARLING, Clinical Assistant (fourteen months from July 1, 1959)
 ROBERT L. DEVETSKI, Assistant (one year from July 1, 1959)³
 ALESSANDRO EMANUELI, Research Assistant (one year from July 1, 1959)
 MARY P. FARNES, Research Assistant (one year from July 1, 1959)
 RICHARD P. FÖTH, Assistant (one year from July 1, 1959)³
 JEROME L. HANDLER, Clinical Assistant
 DONALD H. HANSCOM, Assistant (one year from July 1, 1959)²
 ALLEN HOFFMAN, Clinical Assistant
 EDSSEL K. HUDSON, Assistant (one year from July 1, 1959)²
 MOHAMMAD INAYATULLAH, Assistant (one year from July 1, 1959)³
 SHELTON M. KAHN, Assistant (nine months from October 1, 1959)²
 THOMAS L. KEMPER, Assistant (one year from July 1, 1959)³
 ROGER P. KENNEDY, Assistant (one year from July 1, 1959)²
 NORMAN S. KRIEGER, Clinical Assistant
 MEYER KUSHNER, Clinical Assistant
 JOHN M. LEEDOM, Assistant (one year from July 1, 1959)²
 EDWARD A. LICHTER, Assistant (one year from July 1, 1959)²

PATRICIA A. MCCREARY, Clinical Assistant
VIDVUDS MEDENIS, Clinical Assistant
ALLEN D. MEYER, Research Assistant (one year from July 1, 1959)
HOWARD A. MUELLER, Assistant (one year from July 1, 1959)³
LOUIS M. NEWTON, Assistant (one year from July 1, 1959)³
RALPH PACINI, Clinical Assistant
LUBEN C. PENEV, Clinical Assistant
SOL PICKARD, Assistant (one year from July 1, 1959)²
RICHARD E. RIESELBACH, Assistant (one year from July 1, 1959)²
ROGER R. SCHUESSLER, Assistant (one year from July 1, 1959)²
JACK W. SHIELDS, Clinical Assistant
JAMES P. SHOMAKER, Assistant (one year from July 1, 1959)³
HAROLD B. SHRIFTER, Clinical Assistant
SHELDON J. SLODKI, Clinical Assistant
SOLOMON SOBEL, Assistant (one year from July 1, 1959)²
JOHN C. STUTZMAN, Assistant (one year from July 1, 1959)³
STANLEY A. URIU, Assistant (one year from July 1, 1959)²
ROBERT M. WILLIAMS, Assistant (one year from July 1, 1959)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
CHARLES S. TEXTOR II, Clinical Assistant Professor
A. BEAUMONT JOHNSON II, Clinical Associate
NATHAN ZOLT, Clinical Associate
JEAN-LOUIS R. RIEHL, Instructor (one year from July 1, 1959)³
VIRGINIA R. SORUM, Clinical Instructor
WILLIAM H. ALLEN, Assistant²
PATRICK W. ELWOOD, Assistant²
ALLAN E. KAGEN, Assistant (one year from August 1, 1959)²
PHILIPP M. LIPPE, Assistant (one year from July 1, 1959)²
IVAN R. PEREZ, Assistant (one year from August 1, 1959)³
SUAT G. PIROGLU, Assistant (one year from July 1, 1959)³
ROY C. SELBY, JR., Assistant²
ELI TOBIAS, Assistant (one year from July 1, 1959)³
GORO TSUCHIYA, Assistant (one year from July 1, 1959)²
LYLE E. WACASER, Assistant (one year from July 1, 1959)³

Obstetrics and Gynecology

EDWARD D. ALLEN, Clinical Professor (Rush)
HARRY BOYSEN, Clinical Professor (Rush)
EUGENE A. EDWARDS, Clinical Professor
ABRAHAM F. LASH, Clinical Professor
JAMES P. FITZGIBBONS, Clinical Associate Professor
ARTHUR H. KLAWS, 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
WALTER C. HAMMOND, Clinical Assistant Professor, *Emeritus*
JOHN M. LANG, Clinical Assistant Professor, *Emeritus*
FRANK L. STONE, Clinical Assistant Professor, *Emeritus*
RICHARD H. ANDRESEN, Clinical Assistant Professor
HUGO C. BAUM, Clinical Assistant Professor (Rush)
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
CECIL C. DRAA, Clinical Assistant Professor (Rush)
DEANE M. FARLEY, 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
ROBERT A. BEEBE, Clinical Associate
GEORGE C. FINOLA, Clinical Associate
JOSEPH S. ANGELL, Clinical Instructor
EDMOND M. BROPHY, Instructor (one year from July 1, 1959)²
PAUL A. CAPELLI, Instructor (one year from July 1, 1959)³
CHILIANO E. CASAL, Instructor (one year from July 1, 1959)³
VINCENT S. DIGIULIO, Clinical Instructor
HARVEY A. GOLLIN, Clinical Instructor
BERNARD M. KAYE, Clinical Instructor
ALFREDO L. LARRANAGA, Instructor (one year from July 1, 1959)²
VINCENT A. LAVIERI, Clinical Instructor
LAWRENCE LEVINE, Clinical Instructor
WILBUR J. MARSHALL, Instructor (one year from July 1, 1959)²
THEODORE C. MOUZAKEOTIS, Clinical Instructor
JOSEPH J. MULLEN, Clinical Instructor
EDWIN E. NYMAN, Clinical Instructor
MICHAEL P. PILL, Clinical Instructor
MEYER D. RUTGARD, Clinical Instructor
JACK A. SAMPSON, Clinical Instructor
SEYMOUR SHOLDER, Clinical Instructor
PETER SIEGEL, Instructor (one year from July 1, 1959)²
HAROLD E. SMITH, Clinical Instructor
ROBERT G. STONE, Clinical Instructor
EDGAR B. SYLVESTER, Clinical Instructor
NATHAN TOLWINSKY, Clinical Instructor
VASIL TRUCHLY, Instructor (one year from July 1, 1959)³
GEORGE P. VLASIS, Clinical Instructor
LAVERNE M. WALLHEISER, Clinical Instructor
ALVIN F. WIERSMA, Clinical Instructor
JOHN A. AIMONE, Clinical Assistant
JOHN F. BARTELS, Clinical Assistant
JAIME A. CAVERO, Assistant (one year from July 1, 1959)³
JOSEPH D. CECE, Assistant (nine months from October 1, 1959)³
DELOS E. COZAD, Clinical Assistant
ANDREW V. DAHLBERG, Clinical Assistant
DONALD M. FAHRENBAACH, Clinical Assistant
EDWIN L. FALLOON, Clinical Assistant
WILLIAM A. GILLINGER, Assistant (one year from July 1, 1959)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, 1959)²

ANTHONY M. KENWICK, Clinical Assistant
 JOHN R. KOSTELNY, Clinical Assistant
 ALVIN LANGER, Assistant (one year from July 1, 1959)²
 ROBERT H. OBERHELMAN, Clinical Assistant
 ADRIAN R. OLECK, Clinical Assistant
 GEORGE PEPPER, Assistant (one year from July 1, 1959)²
 PHILANDER RICKS, JR., Assistant (one year from July 1, 1959)²
 MARVIN A. ROSNER, Clinical Assistant
 JAMES A. SINGLETON, Assistant (for one year from July 1, 1959)²
 LAWRENCE J. SYKORA, Clinical Assistant
 NANCY C. TREADWELL, Clinical Assistant
 JEAN J. VANHOUTTE, Assistant (one year from July 1, 1959)¹
 BRUCE P. ZUMMO, Clinical Assistant

Ophthalmology

WILLIAM F. HUGHES, Clinical Professor
 WILLIAM F. MONCREIFF, Clinical Professor (Rush)
 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 ISEI, Clinical Assistant Professor
 HAROLD Q. KIRK, 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
 WALTER L. BAYARD, Clinical Associate
 ALDONA A. JUSKA, Clinical Associate
 ARTHUR LIGHT, Clinical Associate
 EARL H. MERZ, Clinical Associate
 ROBERT MURPHY, Clinical Associate
 VALDO P. OLEARI, Clinical Associate
 JUDITH V. PERRY, Clinical Associate
 KARL E. TICHO, Clinical Associate
 VERNON M. LEECH, Clinical Associate (Rush)
 DAVID V. L. BROWN, Clinical Instructor
 MICHAEL E. CARROLL, Clinical Instructor
 JOHN R. CASSADY, Clinical Instructor
 VIVIAN A. CATION, Clinical Instructor
 WILLIAM E. DEUTSCH, Clinical Instructor
 GEORGE T. FITZGERALD, Clinical Instructor
 EDWARD FLICK, Clinical Instructor (one year from July 1, 1959)
 MARVIN D. HENRY, Clinical Instructor
 ABRAHAM SCHULTZ, Clinical Instructor
 BARBARA SPIRO, Clinical Instructor
 JOSEPH TATAR, Clinical Instructor
 ALBERT E. TENNENBAUM, Clinical Instructor
 JACK TRESLEY, Clinical Instructor
 EDWIN S. WOOD, Clinical Instructor

BURTON M. KRIMMER, Clinical Instructor
 JOHN O. MINIER, Clinical Instructor (one year from July 1, 1959)
 EDWIN F. BRACHMAN, Assistant (six months from July 1, 1959)²
 CURTIS F. DETERS, Assistant (one year from July 1, 1959)²
 MARSHALL A. DIAMOND, Assistant (one year from July 1, 1959)²
 SHERWIN A. FOX, Assistant (one year from July 1, 1959)²
 LAWRENCE N. FRAZIN, Assistant (one year from July 1, 1959)²
 HAL M. FREEMAN, Assistant (one year from July 1, 1959)²
 HOMER GOLDSTEIN, Assistant (one year from July 1, 1959)²
 DENNIS HARRIS, Assistant (one year from July 1, 1959)²
 RAYMOND HECHTER, Assistant (one year from July 1, 1959)²
 LAMBROS KARKAZIS, Assistant (one year from July 1, 1959)²
 JAMES KILLOH, Assistant (one year from July 1, 1959)²
 CHARLTON R. LATTA, Assistant (one year from July 1, 1959)²
 ALEX E. KRILL, Assistant (one year from July 1, 1959)
 IRWIN MENACHOF, Assistant (one year from July 1, 1959)
 DAVID MILLER, Assistant (one year from July 1, 1959)²
 WILLIAM G. NICOL, Assistant (one year from July 1, 1959)²
 CARL F. SCHMIDT, Assistant (one year from July 1, 1959)²
 PAUL J. SCHMIDT, Assistant (one year from July 1, 1959)²
 JOHN B. TURNBULL, Assistant (one year from July 1, 1959)²
 DAVID C. WHITSELL, Assistant (one year from July 1, 1959)²
 PAUL S. YOCUM, Assistant (one year from July 1, 1959)²

Orthopaedic Surgery

FRANK G. MURPHY, Clinical Associate Professor, *Emeritus*
 CARLO S. SCUDERI, Clinical Associate Professor
 KURT L. EICHELBAUM, Clinical Assistant Professor
 THOMAS D. HALL, Clinical Assistant Professor²
 WILLIAM A. MARSHALL, Clinical Assistant Professor
 LEO F. MILLER, Clinical Assistant Professor
 DONALD ROSS, Clinical Assistant Professor
 FRED SHAPIRO, Clinical Assistant Professor (Rush)
 HORACE E. TURNER, Clinical Assistant Professor
 ERNO B. HIDVEGI, Research Associate
 TAWFIK Y. SABET, Research Associate
 JAMES P. AHSTROM, Clinical Instructor
 RICHARD M. CRONIN, Clinical Instructor
 CHARLES E. GAVIN, Instructor²
 FRANCIS M. HOWARD, Clinical Instructor (on leave of absence)
 ROBERT P. MEANY, Clinical Instructor
 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, Instructor²
 LOUIS S. VARZINO, Clinical Instructor (Rush)
 CHRISTOPHER F. G. ELLIS, Assistant²
 ROBERT C. HAMILTON, Assistant²
 BRIAN H. HUNCKE, Assistant²
 ESTHER D. MENSEN, Research Assistant
 WILLIAM F. MCCOLL, JR., Assistant²
 WILLIAM MELTZER, Assistant²
 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. VANALYEA, 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)
ROBERT HENNER, Clinical Associate Professor
KENNETH C. JOHNSTON, Clinical Associate Professor
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
CLIFFORD L. DOUGHERTY, Clinical Assistant Professor
ELMER A. FRIEDMAN, Clinical Assistant Professor
LOIS D. GREENE, Clinical Assistant Professor
NORMAN LESHIN, 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 S. SINGH, Clinical Associate
WILLIAM A. SMILEY, Clinical Associate
PIERCE W. THEOBALD, Clinical Associate
JOHN A. WEIDEMANN, Clinical Associate
DAVID F. AUSTIN, Clinical Instructor
ROBERT H. BORKENHAGEN, Clinical Instructor
DAVID O. DALE, Clinical Instructor
JOSE L. FERRER, Clinical Instructor
JEANNETTE FRASIER, Clinical Instructor in 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
ATHANASSIOS P. PANAGOPOULOS, Clinical Instructor
EDWARD A. RAZIM, Clinical Instructor
KARL H. SIEDENTOP, Clinical Instructor
KURT SPRINGER, Clinical Instructor
JOHN W. BAXTER, Assistant (one year from July 1, 1959)²
CHARLES D. BLUESTONE, Assistant (one year from July 1, 1959)²
GEORGE H. CONNER, Assistant²
DAVID L. FAGELSON, Assistant (one year from July 1, 1959)²
GERALD E. GUEMMER, Clinical Assistant
RALPH A. CASCIARO, Assistant (one year from July 1, 1959)²
PETER L. LEFFMAN, Assistant (one year from July 1, 1959)²
A. LAWRENCE LEMEL, Assistant (one year from July 1, 1959)²
DINO G. MAURIZI, Assistant (one year from July 1, 1959)²
ROBERT C. NEWELL, Assistant (one year from July 1, 1959)²
THADDEUS S. PIERZYNSKI, Assistant (fourteen months from July 1, 1959)²
JOYCE A. SCHILD, Assistant (one year from July 1, 1959)²
ALDO C. SIRUGO, Assistant²
LOUIS T. TENTA, Assistant (one year from July 1, 1959)²
JOHN D. VANNUYS, Assistant (one year from July 1, 1959)²

Pathology

GEORGE M. HASS, Professor
 LESTER S. KING, Clinical Professor
 C. BRUCE TAYLOR, Professor
 CHARLES E. CAHN-BRONNER, Professorial Lecturer, *Emeritus*
 FREDERICK C. BAUER, JR., Associate Professor
 HAROLD A. GRIMM, Clinical Associate Professor
 JERRY J. KEARNS, Clinical Associate Professor
 AARON LEARNER, Clinical Associate Professor
 COYE C. MASON, Clinical Associate Professor
 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
 JAMES R. THOMPSON, Clinical Assistant Professor
 RICHARD E. TRUEHEART, Assistant Professor (fourteen months from July 1, 1959)
 JONAS VALAITIS, Clinical Assistant Professor
 PAUL A. VAN PERNIS, Clinical Assistant Professor
 JOHN E. MALONEY, Clinical Associate
 ROBERT W. ALEXANDER, Instructor (one year from July 1, 1959)³
 RAYMOND A. CLASEN, Instructor (one year from July 1, 1959)³
 GEORGE E. COX, Instructor (one year from July 1, 1959)³
 ROBERT H. EDWARDS, Instructor (one year from July 1, 1959)³
 REUBEN EISENSTEIN, Instructor (one year from July 1, 1959)³
 JAMES E. HABEGGER, Clinical Instructor
 MARILYN J. O'BRIEN, Instructor (one year from July 1, 1959)²
 URSULA F. ROWLATT, Instructor
 JESUS A. CABRERA, Assistant (one year from July 1, 1959)²
 JOSEPH J. HOSEK, Assistant (one year from July 1, 1959)²
 LASZLO S. MEDGYESY, Assistant (one year from July 1, 1959)²
 JAMES C. PRITCHARD, Assistant (one year from July 1, 1959)²
 W. WIKE SCAMMAN, Assistant (one year from July 1, 1959)²

Pediatrics

CLIFFORD G. 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
 I. PAT BRONSTEIN, Clinical Professor
 CRAIG D. BUTLER, Clinical Professor (Rush)
 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
 WERNER K. GOTSTEIN, Clinical Associate Professor
 LOUIS J. HALPERN, Clinical Associate Professor
 HARRY LECHENGER, 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
 E. H. CHRISTOPHERSON, Clinical Assistant Professor
 WOODRUFF L. CRAWFORD, Clinical Assistant Professor

JOHN B. HALL, Clinical Assistant Professor
 HELEN HAYDEN, Clinical Assistant Professor
 MILDRED R. JACKSON, Clinical Assistant Professor
 HARVEY KRAVITZ, Clinical Assistant Professor
 HERMAN B. LANDER, Clinical Assistant Professor
 BRUCE B. NEWMAN, Clinical Assistant Professor
 HOMER S. PARKER, Clinical Assistant Professor
 FREDERICK L. PHILLIPS, Clinical Assistant Professor
 MILDRED J. POLNIASZEK, Clinical Assistant Professor
 MARTIN O. SACKS, Clinical Assistant Professor
 THOMAS P. SALTIELD, Clinical Assistant Professor
 IRENE SHMIGELSKY, Clinical Assistant Professor
 CHARLES E. STEPAN, Clinical Assistant Professor
 SAMUEL THOMAS, Clinical Assistant Professor
 ABRAHAM A. WOLF, Clinical Assistant Professor
 HANS G. BUCHELERES, Instructor
 MARY DOCHIOS, Clinical 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
 JOHN J. MARINO, Clinical Instructor
 HARRY T. NAGEL, Clinical Instructor
 KENNETH S. NOLAN, Clinical Instructor
 ALYDA R. RATAJIK, Clinical Instructor
 VLASTIMIL VRLA, Clinical Instructor
 DANUTA J. BUZDYGAN, Assistant²
 KATOK CHUANG, Assistant
 AGAPITO Y. DE RAMOS, Assistant²
 MEL W. FEINBERG, Assistant²
 RICHARD J. FEINBERG, Assistant²
 GARLAND P. KIRKPATRICK, Assistant²
 CATALINA LEE, Assistant
 MOHAMAD R. MOINFAR, Assistant²
 PARVIZ MOVAFAGH, Assistant
 P. R. DEL ROSARIO, Assistant
 MEHMET SOMALI, Assistant²

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
 MAXWELL D. FLANK, Clinical Assistant Professor

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 Assistant Professor

Preventive Medicine

THOMAS G. HULL, Lecturer in Preventive Medicine, with rank of Associate Professor, *Emeritus*
 JERMYN F. MCCAHAN, Clinical Assistant Professor
 HAROLD W. SPIES, Clinical Assistant Professor
 HAROLD H. STEINBERG, Clinical Assistant Professor
 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
ALFRED P. SOLOMON, Clinical Associate Professor
JACK WEINBERG, Clinical Associate Professor
JACOB PASKIND, Clinical Assistant Professor, *Emeritus*
JAMES M. ALEXANDER, Clinical Assistant Professor
HAROLD BALIKOV, Clinical Assistant Professor
MILTON C. BAUMANN, Clinical Assistant Professor
E. ELIOT BENEZRA, Clinical Assistant Professor
ANNE R. BENJAMIN, Clinical Assistant Professor
LEON BERNSTEIN, Clinical Assistant Professor
BERNARD BLOCK, Clinical Assistant Professor
DAVID D. BROCKMAN, Clinical Assistant Professor
JAMES A. BUETTNER, Clinical Assistant Professor
PAULINE M. COOKE, Clinical Assistant Professor
LEON DIAMOND, Clinical Assistant Professor
ALFRED FLARSHEIM, Clinical Assistant Professor
ROBERT M. GLUCKMAN, Clinical Assistant Professor
ALFRED G. GREEN, Clinical Assistant Professor
HAROLD A. GREENBERG, 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
WALTER KITT, Clinical Assistant Professor
RICHARD C. KOENIG, Clinical Assistant Professor
ROBERT H. KOFF, Clinical Assistant Professor
GUSTAVO A. LAGE, Clinical Assistant Professor
JOHN C. LEE, Clinical Assistant Professor
SAMUEL D. LIEBMAN, Clinical Assistant Professor
JOAN LONGINI, Clinical Assistant Professor
ROBERT G. McMILLAN, Clinical Assistant Professor
WARREN G. MCPHERSON, Clinical Assistant Professor
VICTOR J. MINTEK, Clinical Assistant Professor
WILLIAM H. MURRAY, Clinical Assistant Professor
JOSEPH G. NEMECEK, Clinical Assistant Professor
MELVIN D. NUDELMAN, Clinical Assistant Professor
ERICH PASCHKES, Clinical Assistant Professor
GEORGE L. PERKINS, Clinical Assistant Professor
CLIFTON C. RHEAD, 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
THOMAS T. TOURLENTES, 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
 VICTOR J. ZIELINSKI, Clinical Assistant Professor
 CLARESA M. ARMSTRONG, Clinical Instructor
 THOMAS N. DAVIS III, Clinical Instructor
 PIETER DEVRIJER, Clinical Instructor (one year from July 1, 1959)⁴
 ROBERT M. EDWARDS, Clinical Instructor
 SYDNEY B. EISEN, Clinical Instructor (one year from July 1, 1959)⁴
 LOWELL I. GOODMAN, Clinical Instructor
 NAHMAN H. GREENBERG, Clinical Instructor (one year from July 1, 1959)
 DAVID P. GROSS, Clinical Instructor
 JAY G. HIRSCH, Clinical Instructor (one year from July 1, 1959)
 MARCIA G. HUGHES, Clinical Instructor
 CHARLES H. KRAMER, Clinical Instructor
 BERNARD I. LIFSON, Clinical Instructor
 EVAN G. MOORE, Clinical Instructor
 FRANCES C. PERCE, Clinical Instructor of Psychology
 SARAH H. PESKIND, Clinical Instructor of Psychology
 BARBARA S. ROCAH, Clinical Instructor (one year from July 1, 1959)⁴
 ARTHUR D. SABLE, Clinical Instructor
 DONALD D. SCHWARTZ, Clinical Instructor (one year from July 1, 1959)⁴
 MARVIN J. SCHWARZ, Clinical Instructor (one year from July 1, 1959)⁴
 ARLENE J. SMITH, Clinical Instructor (one year from July 1, 1959)⁴
 PAULINE D. STEPLETON, Clinical Instructor (one year from July 1, 1959)
 MARIAN D. TOLPIN, Clinical Instructor
 DONALD E. WATTS, Clinical Instructor
 DAGA M. WIED, Clinical Instructor
 CATHERINE R. WISE, Clinical Instructor
 ARTHUR A. WOLOSIN, Clinical Instructor (nine months from July 1, 1959)
 ROBERT I. YUFIT, Clinical Instructor of Psychology
 MARJORIE C. BARNETT, Clinical Assistant (one year from October 1, 1959)⁴
 GENE H. BOROWITZ, Assistant (one year from July 1, 1959)²
 JOSE M. CASTILLO, Clinical Assistant (one year from July 1, 1959)³
 ELAINE CHONG, Assistant (one year from July 1, 1959)²
 JEANNE DULAS, Clinical Assistant (one year from July 1, 1959)³
 SAIED S. FARAHMAND, Assistant in Psychology
 EVA FISHELL, Research Assistant
 MARCUS A. JACOBSON, Assistant (one year from July 1, 1959)²
 LEO V. KEMPTON, Clinical Assistant (one year from July 1, 1959)³
 MAQBUL A. MIAN, Clinical Assistant (one year from July 1, 1959)³
 ARTHUR H. NORTON, Clinical Assistant (one year from July 1, 1959)⁴
 ROBERT E. NYQUIST, Clinical Assistant (one year from July 1, 1959)⁴
 WILLIAM J. PIEPER, Assistant (one year from July 1, 1959)²
 WAGDI R. SALIB, Clinical Assistant (one year from July 1, 1959)⁴
 MORTON S. TABIN, Clinical Assistant (one year from July 1, 1959)³
 JOHN M. WHITMAN, Assistant (one year from July 1, 1959)²
 ORESTE ZALIS, Assistant (one year from July 1, 1959)²
 LOUISE T. ZAZOVE, Clinical Assistant (one year from July 1, 1959)⁴

Public Health

EDWARD A. PISZCZEK, Clinical Associate Professor
 HERBERT K. ABRAMS, Clinical Assistant Professor
 R. H. BOATMAN, 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

FRANKLIN S. ALCORN, Assistant Professor
 BENJAMIN D. BRAUN, Clinical Assistant Professor
 FRANK R. HENDRICKSON, Assistant Professor
 BILLY J. HILL, Assistant Professor
 JULIUS HEYDEMANN, Clinical Assistant Professor
 SAMUEL A. LEADER, Clinical Assistant Professor
 NATHAN M. STARKMAN, Clinical Assistant Professor
 AUDREY L. WILSON, Clinical Assistant Professor
 MAURICE L. BOGDONOFF, Instructor
 ALFRED J. BROOKS, Instructor¹
 GEORGE B. GREENFIELD, Instructor¹
 JOHN R. HARTMAN, Instructor²
 JOHN C. BUSH, Assistant³
 LEONID CALENOFF, Assistant²
 CHARLES FRYE, Assistant²
 JOHN S. LEARY, Assistant (on leave of absence for military service)²
 ARTHUR R. MILLER, Assistant²
 SHELDON H. MILLER, Assistant²

Surgery

HILLIER L. BAKER, Clinical Professor (Rush), *Emeritus*
 ARRIE BAMBERGER, Clinical Professor, *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, Clinical 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
 ROBERT J. JENSIK, 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 W. 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
 SIDNEY BLACK, 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
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
CARL Y. WERELIUS, Clinical Assistant Professor
LEON J. WITKOWSKI, Clinical Associate
WALTER L. BARKER, Instructor (one year from July 1, 1959)^a
WALD BURHANT, Instructor (one year from July 1, 1959)^a
MOHAMMAD A. CHEEMA, Instructor (one year from July 1, 1959)^a
NOBLE CORRELL, Clinical Instructor
GILBERT W. DOUGLAS, Clinical Instructor
L. PENFIELD FABER, Instructor (one year from July 1, 1959)^a
GLENN W. FISCUS, Instructor (one year from July 1, 1959)^a
JOHN W. FRISCH, Clinical Instructor
HOWARD L. GORDON, Instructor (one year from July 1, 1959)^a
VERNON L. GUYNN, Clinical Instructor
HOWARD M. HAMLIN, Clinical Instructor
JAMES A. HUNTER, Clinical Instructor (fourteen months from July 1, 1959)
VERNON Z. HUTCHINGS, Clinical Instructor
HERBERT F. IKNAYAN, Instructor (one year from July 1, 1959)^a
ROBERT W. JAMIESON, Clinical Instructor
JOHANNES M. L. JENSEN, Clinical Instructor
FRANK R. JOHNSON, Clinical Instructor
ANDREW KIRSTEINS, Clinical Instructor
ALLAN M. LANSING, Instructor (one year from July 1, 1959)^a
WILLIAM E. LOOBY, Clinical Instructor
CARL E. LORENTSON, Instructor (one year from July 1, 1959)^a
JOSEPH R. McANDREW, Clinical Instructor (fourteen months from July 1, 1959)
NAEL MARTINI, Instructor (one year from July 1, 1959)^a
RICHARD H. MEYER, Instructor (one year from July 1, 1959)^a
FRANK J. MILLOY, Jr., Clinical Instructor
CHARLES J. MOCK, Clinical Instructor
VINCENT P. MUENSTER, Clinical Instructor (fourteen months from July 1, 1959)
HASSAN NAJAFI, Instructor (one year from July 1, 1959)^a
STEVEN H. NYI, Clinical Instructor
JOHN W. OTTEN, Clinical Instructor
JOHN C. PARROTT, Instructor (one year from July 1, 1959)^a
GEORGE L. PASTNACK, Clinical Instructor
EUDELL G. PAUL, Clinical Instructor
HAROLD A. PAUL, Instructor (one year from July 1, 1959)^a
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, 1959)²
 THOMAS SELLETT, Clinical Instructor
 CARL K. SOLANDER, Clinical Instructor
 HORACE E. STANSEL, Instructor (one year from July 1, 1959)²
 FRANCIS W. STREHL, Clinical Instructor (fourteen months from July 1, 1959)
 MILTON WEINBERG, JR., Clinical Instructor
 ROBERT B. WHITE, Clinical Instructor
 MICHAEL F. WITANOWSKI, Clinical Instructor
 JOHN H. BANCROFT, Assistant (one year from July 1, 1959)²
 DONALD M. BUCKNER, Assistant (one year from July 1, 1959)²
 PETER BUINAUSKAS, Assistant (one year from July 1, 1959)²
 JACKSON E. CAGLE, JR., Assistant (one year from July 1, 1959)²
 ANDRES GABEL, Assistant (one year from July 1, 1959)²
 GORDON H. GLASSFORD, Assistant (one year from July 1, 1959)²
 KENNETH P. GROVES, Assistant (one year from July 1, 1959)²
 JOSEPH F. HINKAMP, Clinical Assistant
 LOREN J. HUMPHREY, Assistant (one year from July 1, 1959)²
 FERNLY E. JOHNSON, Clinical Assistant
 JOHN M. KENWELL, Assistant (one year from July 1, 1959)²
 LEROY LONG, Assistant (one year from July 1, 1959)²
 WILLIAM H. MARSHALL, Assistant (one year from July 1, 1959)²
 JAMES H. MASON, Assistant (one year from July 1, 1959)²
 RANDALL E. McNALLY, Assistant (one year from July 1, 1959)²
 ALAIN P. MENGUY, Assistant (one year from July 1, 1959)²
 SAMIR M. RAGHEB, Assistant (one year from July 1, 1959)²
 STUART S. ROBERTS, Assistant (one year from July 1, 1959)²
 RICHARD C. SCHULTZ, Clinical Assistant (fourteen months from July 1, 1959)
 WENDELL H. SCHMIDTKE, Assistant (one year from July 1, 1959)²
 E. WILSON STAUB, Assistant (one year from July 1, 1959)²
 RICHARD A. TARIZZO, Assistant (one year from July 1, 1959)²
 RICHARD S. WEBB, JR., Assistant (one year from July 1, 1959)²
 ARTHUR R. WILLIAMSON, Assistant (one year from July 1, 1959)²

Division of Urology

NORRIS J. HECKEL, Clinical Professor (Rush)
 EDWARD BUCKMAN, Clinical Associate Professor (Rush), *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 W. SCHACHT, Clinical Assistant Professor
 R. ROSS HAEGER, Clinical Associate
 JAMES A. CALAMS, Clinical Instructor
 DANIEL H. CALLAHAN, Clinical Instructor
 THOMAS L. C. COTTRELL, Clinical Instructor
 ENGIN DENIZ, Instructor (one year from July 1, 1959)²
 RAYMOND C. FIRFER, Clinical Instructor
 IBRAHIM T. SOZER, Instructor (one year from July 1, 1959)²
 JAMES C. VALENTA, Clinical Instructor
 GAMIL T. ARIDA, Assistant (one year from July 1, 1959)²
 MALACHI J. FLANAGAN, Assistant (one year from July 1, 1959)²
 PABLO M. GONZALEZ, Clinical Assistant
 CHARLES F. MCKIEL, JR., Assistant (one year from July 1, 1959)²

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
 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
 DIGBY G. SEYMOUR, Clinical Associate
 GWEN GLEAVE, Clinical Instructor
 V. EILEEN HECKEL, Clinical Instructor
 DAVID KATZ, Clinical Instructor
 HERSHELL L. KEELING, Clinical Instructor
 DAVID G. NELSON, Clinical Instructor
 JOHN T. 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
 RASMA V. VITRINGS, Clinical Instructor
 OLAF W. ALLISON, Assistant (one year from July 1, 1959)²
 THOMAS L. ASHCRAFT, Assistant (one year from July 1, 1959)²
 MASSOUD S. ASHRAFI, Assistant (one year from July 1, 1959)³
 CARLETON E. DANGREMOND, Clinical Assistant
 CONSTANCE DE PADUA, Assistant (one year from July 1, 1959)²
 FLOYD N. HELLER, Assistant (one year from July 1, 1959)²
 MARGARET N. KEZDI, Clinical Assistant
 ABDUR R. KHAN, Assistant (one year from July 1, 1959)²
 PERRY L. LERNER, Assistant (one year from July 1, 1959)²
 NEONILA LYCHYK, Assistant (one year from July 1, 1959)⁴
 JAMES E. MAHER, Assistant (one year from July 1, 1959)⁴
 JESUS I. MATTOS, Assistant (one year from July 1, 1959)²
 WILLIAM R. MELBY, Clinical Assistant
 ROBERT F. MERRIMAN, Assistant (one year from July 1, 1959)²
 ROBERT J. NELSON, Assistant (one year from July 1, 1959)³
 WILLIAM C. ROBERTSON, Assistant²
 RONALD ROSENBERG, Assistant (one year from July 1, 1959)²
 MARCOS O. SANTANDER, Assistant (one year from July 1, 1959)³
 VIVENTE B. SANTELICES, Assistant (one year from July 1, 1959)³
 MORTON SHULMAN, Assistant (one year from July 1, 1959)²
 JOHN J. STRAUB, Assistant (one year from July 1, 1959)²
 AARON B. TORRES, Assistant (one year from July 1, 1959)⁴
 HIDEO TSUJI, Assistant (one year from July 1, 1959)⁴

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

APPOINTMENTS TO PROFESSIONAL ADVISORY COMMITTEE OF THE DIVISION OF SERVICES FOR CRIPPLED CHILDREN

(5) The Division of Services for Crippled Children has a Professional Advisory Committee appointed by the Board of Trustees for a two-year period. The Vice-President in charge of the Chicago Professional Colleges and the Director of the Division of Services for Crippled Children recommend the following reappointments and new appointments for two years beginning July 1, 1959.

I concur.

FLOYD S. BARRINGER, M.D., Neurosurgeon, 704 North First Street, Springfield
 RAY E. BROWN, Superintendent, University of Chicago Clinics, 950 East 59th
 Street, Chicago 37
 DONALD E. CASSELS, M.D., Pediatrician-Cardiac, University of Chicago Clinics,
 950 East 59th Street, Chicago 37
 EDWARD L. COMPERE, M.D., Orthopedist, 720 North Michigan Avenue, Chicago 11
 HUGH E. COOPER, M.D., Orthopedist, 1101 Main Street, Peoria
 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
 HAROLD L. HARRIS, M.D., Anesthesiologist, 1110 Dobson Street, Evanston

- C. HOWARD HATCHER, M.D., Orthopedist, University of Chicago Clinics, 950 East 59th Street, Chicago 37
- H. WORLEY KENDELL, M.D., Psychiatrist, Director of Education and Research, Institute of Physical Medicine and Rehabilitation, 619 North Glen Oak Avenue, Peoria
- MEYER A. PERLSTEIN, M.D., Pediatrician-Cerebral Palsy, 4743 North Drake Avenue, Chicago 25
- WILLIS J. POTTS, M.D., Surgeon, Surgeon-in-Chief, Children's Memorial Hospital, 707 Fullerton Avenue, Chicago 14
- EDWARD PRESS, M.D., Director, Evanston Health Department, 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., Illinois State Normal University, Special Education Building, Main and Dry Grove Streets, Normal
- HOMER WEIR, M.D., Pediatrician, 321 West State Street, Rockford
- HAROLD WESTLAKE, Ph.D., Head of Department of Speech Correction and Audiology, Northwestern University, Evanston
- W. M. YOUNGERMAN, M.D., Otologist, Christie Clinic, Champaign

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

LEAVES OF ABSENCE FOR PROFESSORS ROBERT A. HEDGES AND DONALD R. HODGMAN

(6) Associate Professors Robert A. Hedges, Department of Finance, and Donald R. Hodgman, Department of Economics, have received fellowship appointments under a grant from the Ford Foundation for study at the Institute of Basic Mathematics for Application to Business at Harvard University during the academic year 1959-60 and the summer of 1960. The Ford Foundation fellowship stipend is equivalent to one-half the University salary for the academic year plus a stipend for the summer of 1960.

To enable them to carry out this program of study, which will be of benefit to the College of Commerce and Business Administration as well as to them, their University status has been changed to one-half time on one-half salary, and each has been given leave of absence on one-half time without pay.

Confirmation of these changes is requested.

On motion of Mr. Clement, these leaves were confirmed.

PRESIDENT'S TRAVEL TO INDIA

(7) I request permission to travel to India and Southeast Asia between the dates of December 26, 1959, and February 22, 1960, for an official visit to the points of University of Illinois activity in India and to make certain observations in this general area at the request of the Ford Foundation. The visit to the University of Illinois centers of activity in India will be under the auspices of the International Cooperation Administration of the federal government. There will be no travel expense to the University of Illinois.

From comments of the American Ambassador to India, the head of the Technical Cooperation Mission to India, the head of the International Cooperation Administration of the federal government, and from many visitors to India, both from the University of Illinois staff and other centers, it is clear that the work of the University of Illinois in India is of great importance. The sponsorship of a land-grant state university in Uttar Pradesh state, the consultative service provided to the institutions in the states of Uttar Pradesh and Madhya Pradesh, the training of participants for service in India and the assignment of American personnel to the institutions in this area, and the contract services to the Indian Institute of Technology at Kharagpur represent a major responsibility of the University of Illinois. These activities are all supported financially by the federal government.

The responsible officials of the federal government believe it is important for the Presidents of the institutions concerned to make first-hand observations of the problems faced by our staff, and to measure the progress being made. The

Ford Foundation has also emphasized the importance of our having first-hand knowledge of current economic, social, and political developments, as well as developments in the field of education, in the area of Southeast Asia as well as in India.

On the basis of these recommendations, I have made plans for the trip as indicated and request the approval of the Board of Trustees.

On motion of Mr. Johnston, the request of the President was approved.

REAPPROPRIATION OF UNEXPENDED BALANCES

(8) 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, 1959, be reappropriated for the fiscal year beginning July 1, 1959, in accordance with usual policy.

I concur.

Urbana-Champaign

General administration and expense.....	\$59 802	
Microfilming records.....	\$1 261	
National defense education act grants.....	6 100	
Special legal services.....	8 144	
Health service aid kits.....	1 000	
University film council.....	191	16 696 \$ 76 498
Agriculture.....		33 938
Commerce and Business Administration.....		16 297
Education.....	8 042	
University Council on Teacher Education, education conference.....	96	8 138
Engineering.....	4 643	
<i>Technograph</i> and open house.....	833	5 476
Fine and Applied Arts.....		1 801 ¹
Graduate College.....		16 091
Journalism and Communications.....		11 532
Law.....		716 ¹
Liberal Arts and Sciences.....		14 081 ¹
Physical Education.....		4 928
University Extension.....		10 838
Veterinary Medicine.....		5 810
Other schools and colleges.....		9 706
Library and Library School.....	848	
Sandburg library.....	8 604	9 452
Physical Plant		
Regular operation and maintenance.....	55 360	
Renewals and replacements.....	53 278	
Junior Academy of Science conference.....	1 236	
Traffic study.....	329	110 203
Unexpended plant		
Volo and Wauconda bogs, purchase.....	4 000	
Radio telescope, site improvements.....	11 000	
Accounting, special equipment.....	1 285	
Bursar, special equipment.....	4 345	
Admissions and Records, special equipment.....	588	
English Building, air conditioning.....	1 077	
Radio telescope, building plans and specifications.....	1 000	
Agriculture administration, special equipment.....	5 353	
Agronomy, storehouse remodeling.....	980	
Truck, purchase.....	1 141	
Horticulture, steam boilers.....	969	
Commerce and Business Administration, equipment and remodeling.....	1 590	
University High School, special equipment.....	160 ¹	

¹ Deduct.

Armory, alterations.....	\$	382	
Physics Research Laboratory, addition.....	15	583	
Service Building Annex, addition.....	9	238	
Engineering laboratories, air flow.....		383	
Civil Engineering, special equipment.....		197	
Nuclear Engineering, remodeling.....		45	
Mechanical Engineering, special equipment.....		6	
Mining Laboratory, improvements.....		315	
Mining and Metallurgical Engineering, special equipment..	2	088	
Theoretical and Applied Mechanics, equipment and remodeling.....	1	159	
Sixth Street Building, alterations and equipment.....	2	534	
Art, special equipment.....	2	816	
City Planning and Landscape Architecture, special equipment.....		121	
East Chemistry Building, remodeling for biochemistry.....	29	713	
English Building, remodeling.....		44	
Harker Hall, remodeling and equipment for room 311.....	2	643	
X-ray machine.....	8	700	
Illini Hall, improvements in room 331.....		303	
Vivarium Building, remodeling.....	1	334	
Bus, purchase.....	1	231	
Veterinary Medicine, special equipment.....	1	072	
Administration Building, remodeling.....	1	887	
Administration Building, air conditioning.....	2	351	
Administration Building, air conditioning room 356.....		911	
Art museum.....	75	987	
Auditorium, safety improvements.....	1	309	
Administrative office changes.....		384	
Mining and Metallurgical Engineering, laboratory remodeling.....	1	485	
Architectural studies for future buildings.....	134	281	
1205 West California Avenue, remodeling.....		750	
Digital Computer Laboratory.....	2	451	
Engineering Research Laboratory, 701 installation.....	5	007	
Electrical Engineering, bioacoustics laboratory.....	74	279	
Chemistry Annex, fire stairs.....		921	
601-611 East Green Street, leasehold improvements.....	1	969	
Huff Gymnasium, health and safety laboratory.....	11	634	
Library, lighting improvements.....	1	455	
Minor improvements.....		738	
Nursery relocation.....		525	
Parking facilities.....	5	727	
Remodeling and minor additions.....	12	180	
Smith Music Hall, library extension.....	1	077	
University Press Building.....	2	800	\$ 453 183
<i>Total, Urbana-Champaign.....</i>			<i>(755 492)¹</i>
<i>Chicago Professional Colleges</i>			
General administration and expense.....	6	095	
Vice-President, open house.....	\$	249	
Vice-President, purchase of film "Dedicated".....	1	320	1 569
Medicine.....			7 664
Dentistry.....			37 196
Pharmacy.....			8 649 ¹
Graduate College.....			6 101
Broadcasting.....			27 746
Division of Services for Crippled Children.....			1 491
Physical Education.....			567
Research and Educational Hospitals.....			913
Library.....			25 646
			4 092 ¹

¹ Deduct.

Physical Plant

Regular operation and maintenance.....	\$33	701 ¹	
Renewals and replacements.....	9	832	
Medical Center Steam Plant.....	72	052	\$48 183
Unexpended plant			
Student Affairs, lounge furniture.....		225	
Vice-President's Office, furniture.....		511	
Medicine, special equipment.....	2	400	
Pharmacy, special equipment.....		56	
Pharmacy and Pharmacology, special equipment.....		979	
Pharmacognosy, special equipment.....		72	
Research and Educational Hospitals, heart pump.....	1	620	
Research and Educational Hospitals, patient inter- communication system.....		284	
Research and Educational Hospitals, furnish remodeled areas on third and fourth floors, East.....	1	500	
Radiology, special equipment.....		426	
Architectural studies for future buildings.....	38	870	
Anatomy, semipermanent remodeling.....	1	155	
Radiology, air conditioning.....	1	770	
Orthopaedic Surgery, installing cabinets.....	1	750	
Surgery, clinic remodeling.....	1	060	
Dentistry-Medicine-Pharmacy Building, air conditioning room 78.....	1	500	
Dentistry-Medicine-Pharmacy Building, remodeling room 219.....		930	
Research and Educational Hospitals, collection center remodeling.....	2	766	
Dentistry-Medicine-Pharmacy Building, remodeling room 509 for Anatomy.....	1	434	
Urology, clinic remodeling.....		575	
Research and Educational Hospitals, safety hoods for room 233.....		550	
Research and Educational Hospitals, security screens.....	3	680	64 113
<i>Total, Chicago Professional Colleges.....</i>			<i>(206 879)</i>

Chicago Undergraduate Division

General administration and expense.....	3	661 ¹	
Unassigned reserve for nonrecurring items.....	\$2	591	
Office of the Dean, art gallery.....		496 ¹	
Office of the Dean, 1959 summer television.....	2	526 ¹	431 ¹
Liberal Arts and Sciences.....			1 313
Engineering.....			4 112 ¹
Graduate College.....			1 802
Commerce and Business Administration.....			563
Physical Education.....			25 ¹
Other schools and colleges.....			401 ¹
Library.....			96 ¹
Physical Plant			
Regular operation and maintenance.....	2	476	
Building rentals and insurance.....	2	028	4 504
Office of the Dean, special equipment.....		124	
Art gallery, remodeling.....		613	737
<i>Total, Chicago Undergraduate Division.....</i>			<i>(193)</i>
<i>Grand Total.....</i>			<i>\$962 564</i>

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

¹ Deduct.

NONRECURRING APPROPRIATIONS

(9) The Vice-President and Provost and the Vice-President and Comptroller recommend assignments of funds for

Construction of a television production room on the second floor of the English Building.....\$ 4 580 00
Removal of dead elm trees..... 22 500 00
Interior painting and wall washing..... 12 404 74

and that funds for the first item be assigned from the General Reserve Fund and the other two from balances in the Physical Plant Storeroom operations.

I concur, and also request approval of the following assignment from the General Reserve Fund which I authorized as an emergency action in order that the work could be completed during the summer:

Remodeling to provide a needed laboratory room at the Chicago Undergraduate Division\$ 5 900 00

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. Stratton.

APPROPRIATION FOR IMPROVEMENTS IN THE ICE RINK

(10) On July 29, 1958, the Board of Trustees approved recommendations of the Safety and Fire Prevention Committee for certain improvements in the Ice Rink, including replacement of the ammonia compressors and auxiliary equipment, and authorized the Athletic Association to make the improvements with the understanding that the University would reimburse the Association for the costs.

The project has been completed at a total cost of \$80,777.08.

I recommend an appropriation of this amount from the General Reserve Fund to reimburse the Athletic Association.

On motion of Mrs. Watkins, 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.

ACQUISITION AND SALE OF FARM LANDS IN LA SALLE COUNTY

(11) In 1955, Miss Laura M. Weber of LaGrange Park, Illinois, gave the University 640 acres of farm lands in La Salle County which are now designated by the University as Weber Farms No. 1 and No. 2, totaling 400 acres in Hope Township; Weber Farm No. 3, 80 acres in Richland Township about six miles from Farm No. 1; and Weber Farm No. 4, 160 acres in Waltham Township.

Two 80-acre parcels of land in an estate adjoining Farm No. 1 came on the market this summer and their availability was reported to the Board of Trustees on July 21. The Board authorized the purchase of one of these 80-acre tracts which were being sold at auction and the sale of Farm No. 3. Representatives of the College of Agriculture, the Chairman of the Board of Trustees Committee on Agriculture, and the Vice-President and Comptroller subsequently examined the two parcels of land and decided that the following described tract was the more desirable for purchase by the University:

East Half of the Southwest Quarter of Section 10 in Township 31 North, Range 1 East of the 3rd P.M., Hope Township, La Salle County, Illinois, being eighty (80) acres more or less.

The auction was held on July 30, 1959, and the above described tract was bid in by the University at a price of \$536 an acre, or a total of \$42,880. As required by the terms of the sale, 20 per cent of the purchase price, or \$8,576, was paid on the date of the sale and the Comptroller signed a contract with the Executor of the Estate agreeing to pay the balance of the purchase price upon delivery of a merchantable warranty deed and abstract of title. Funds for this land acquisition will be provided from the Endowment Pool Account pursuant to previous authorization by the Board. The necessary steps to dispose of Farm No. 3 in Richland

Township will be taken and sealed bids will be invited by advertisement and submitted to the Board for approval. When this farm is sold the proceeds will go into the Endowment Pool Account.

Confirmation of the actions of the Comptroller in making the down payment and signing a contract for the balance is requested. I also recommend that he be authorized to proceed with the sale of the Farm No. 3.

On motion of Mr. Hughes, these actions were confirmed, and authority for the sale of Farm No. 3 was given 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.

The Board expressed its appreciation to Mr. Hughes for his services, as Chairman of the Committee on Agriculture, in this matter.

CONTRACT FOR EXTENSION OF COMMUNICATION SYSTEM IN THE RESEARCH AND EDUCATIONAL HOSPITALS ADDITION

(12) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$2,973 to the Hyre Electric Company, Chicago, Illinois, the lowest bidder, for extension of the nurses' call system in the Research and Educational Hospitals addition. The work will consist of extension of the present call system to areas not now served.

Funds are available in an appropriation made by the Board of Trustees for remodeling at the Chicago Professional Colleges.

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 AIR CONDITIONING IN DENTISTRY-MEDICINE-PHARMACY BUILDING

(13) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$2,600 to the Air Comfort Corporation, Chicago, Illinois, the lowest bidder, for installation of air-conditioning equipment in Room 78 in the first unit of the Dentistry-Medicine-Pharmacy Building. This room has no outside ventilation of any kind.

Funds are available in the Physical Plant Department budget to cover the cost of this work.

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.

CONTRACT FOR ROOF REPAIRS ON THE EAST DENTISTRY-MEDICINE-PHARMACY BUILDING

(14) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$3,200 to Esko and Young, Inc., Chicago, Illinois, the lowest bidder, for roof repairs on the East Dentistry-Medicine-Pharmacy Building. This work is a part of a maintenance program.

Funds are available in the Physical Plant Department budget.

I concur.

On motion of Mr. Johnston, 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.

APPROPRIATION AND CONTRACTS FOR REMODELING OF BOILER PLANT IN HORTICULTURE FIELD LABORATORY

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of contracts as follows for remodeling of the boiler plant in the Horticulture Field Laboratory, the award in each case being to the lowest bidder:

Heating—Ideal Heating Company, Chicago.....\$39 333 00
Electrical work—Brunkow Electric Company, Champaign..... 1 100 00

The total cost of this remodeling project, including the above contracts, work to be done by the Physical Plant Department, and other expenditures, will be \$49,000, which is in line with the engineering estimates.

I recommend that an appropriation of \$49,000 be made from the General Reserve Fund for this necessary remodeling and that the contracts be awarded.

There is submitted herewith a supporting report from the Physical Plant Department including the schedule of all bids received and a copy is being filed with the Secretary for record.

On motion of Mr. Hughes, 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.

AWARD OF CONTRACTS FOR THE CONSTRUCTION OF PEABODY DRIVE RESIDENCE HALLS

(16) Bids have been received for the construction of the Peabody Drive Residence Halls, to consist of three housing units and a dining hall, for 1,494 undergraduate students in the southeast area of the former Parade Grounds. A report from the Director of the Physical Plant, including schedules of bids received and explanation of the alternates, is submitted herewith, and a copy is being filed with the Secretary of the Board for record.

Revenue bonds for the construction of this project were scheduled to be received on September 15, but because of the veto of the federal housing legislation, the bond sale must be postponed until September 29. The Board has previously authorized the Executive Committee to approve a loan agreement with the federal government and to sell the bonds for this project.

On recommendation of the Director of the Physical Plant, the Vice-President and Comptroller, and the President of the University, the Executive Committee approved awards of contracts to the following bidders, subject to the sale of bonds to finance the construction. The contract awards are to the lowest bidders on "Base Bid B" which is for the construction of the complete project, i.e., the three housing units and a dining hall building, and include certain specified alternates (alternates A, B, C, D, E, and H which are explained in the supporting statement from the Physical Plant Department referred to above) and provide that the mechanical contracts shall be assigned to the general contractor for direction and supervision.

General—Kuhne-Simmons Company, Inc., Champaign.....\$3 680 267
Electrical—Knight Electrical Company, Inc., Evansville, Indiana..... 353 873
Plumbing—R. Hays Company, Inc., Champaign..... 404 700
Heating—Bellis and Miller, Inc., Champaign..... 605 621
Ventilating—R. H. Bishop Company, Champaign..... 153 290
Elevator—Trimon Elevator Company, Inc., Chicago..... 48 480
Total.....\$5 246 231

In order that construction of two of the three housing buildings be completed by September, 1960, the Executive Committee also approved issuance of letters of intent to the above contractors, authorizing them to proceed with construction work at a cost not to exceed \$105,000, the funds to be advanced from accumulated reserves of the Housing Division. With the postponement of the bond sale, the contractors should be authorized to proceed with construction up to a cost of \$200,000 prior to October 31. Funds are available in Housing Division Reserves for these expenditures.

I recommend that:

The action of the Executive Committee in awarding the construction contracts as listed above be confirmed.

The assignment of \$200,000 as an advance from Housing Division Reserves to provide funds for the interim financing of construction until the proceeds of the sale of bonds are available be approved.

The Comptroller and the Secretary of the Board be authorized to execute the contracts and to assign all of the mechanical contracts to Kuhne-Simmons Company, Inc., the general contractor, for direction and supervision.

The Executive Committee be authorized to sell the bonds on which bids will now be received on September 29, 1959, to approve a loan agreement with the Housing and Home Finance Agency, and to take such other actions as may be necessary in connection with the financing of the construction of the Peabody Drive Residence Halls.

It is recommended that a meeting of the Finance Committee and of the Executive Committee be scheduled for September 29, 1959, to take action on the bids on the bond issue with the understanding that all other members of the Board of Trustees be invited to attend this meeting.

On motion of Mr. Swain, the action of the Executive Committee was confirmed; the recommended assignment of funds was approved; the Comptroller and the Secretary of the Board were authorized to execute the contracts and make assignments of contracts as recommended; and the Executive Committee was authorized to sell the bonds and to execute a loan agreement with the Housing and Home Finance Agency. 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.

CHANGE IN CONTRACT FOR CONSTRUCTION OF UTILITIES DISTRIBUTION SYSTEM

(17) On recommendation of the Director of the Physical Plant and the Vice-President and Comptroller, authorization has been given to an increase of \$8,158 in the contract with C. A. Petry and Sons, Inc. for the construction of a transformer room DC-2 in the Utilities Distribution System. This change is to provide for the reconstruction of a part of the transformer room of the electrical load center attached to the west side of Burrill Hall to offset ground water pressure by installation of sump and underfloor drain tile and other measures to prevent accumulation of water in the transformer room which would make the transformer useless. The load center will also serve the new Physics Building which is scheduled to go into operation at the beginning of the first semester of 1959-60.

In view of the time factor involved, emergency action was deemed necessary and immediate authorization of the change order was approved to avoid any delays in completion of the work prior to the opening of the academic year. Such emergency action is authorized under the Illinois Purchasing Act.

Funds are available in the state capital appropriations to the University for 1957-59.

Confirmation of this action is requested.

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

ADDITION TO CONTRACT FOR CONSTRUCTION OF GRADUATE STUDENT RESIDENCE HALL

(18) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$2,624.20 in the contract with Felmley-Dickerson Company, Urbana, for construction of the Graduate Student Residence Hall. The contract provides for an average depth of 32 feet for foundation piles, with unit prices specified for variation in the length as ground conditions require. The change is for the extra cost for additional length of pile required and for addi-

tional piles put into the ground to accommodate the future addition to the building. Funds are available from the proceeds of the sale of bonds.

I concur and recommend that the Comptroller be authorized to execute the contract change.

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

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 bid.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
5,450 diploma covers for delivery during the period September, 1959, through June 30, 1960	Admissions and Records	E. A. Wright Co., Philadelphia, Pa.	\$8 447 50 f.o.b. Philadelphia, Pa.
22.52 tons diammonium phosphate 18.00 tons ammonium phosphate	Agricultural Economics	Tennessee Valley Authority, Knoxville, Tenn.	3 207 53 f.o.b. Sheffield, Ala.
One system for automatic radiation detecting and counting including a gas flow counter, lead shield, binary scaler, automatic sample changer, printing timer, Q gas and cylinder and dual (present and elapsed time) timer	Agronomy	Nuclear-Chicago Corp., Chicago	3 355 74 f.o.b. delivered
Production of five 35 mm. strip films for the simulation of symbolic radar displays	Aviation Psychology Laboratory	Wilding, Inc., Chicago	8 926 25 f.o.b. delivered
Laboratory furniture for Botany and Zoology instruction rooms in the Natural History Building	Botany and Zoology	Hunter Lumber Co., Urbana, for unfinished furniture Walrus Manufacturing Co., Decatur, for finished furniture	2 090 00 f.o.b. delivered 2 617 78 f.o.b. delivered
One X-ray generator and control 60 KVP-50 ma adaptable for X-ray spectrograph, complete with tubes, powder camera, film illuminator, film punch and cutter, track and bracket assembly, cable, hose, and fittings	Chemical Engineering	Phillips Electronics, Inc., Chicago	6 229 00 f.o.b. Mount Vernon, N.Y.
One Dage model 101AF television camera with turret, one each 1 in., 2 in., and 3 in. lenses Four 21 in. classroom receivers with stands Two electro-voice 647 microphones One pre-amplifier One tripod One dolly for camera	College of Education, Elementary Education Division	Dage Television Division, Thompson Ramo Wooldridge, Inc., Michigan City, Ind.	3 619 77 f.o.b. delivered
Four Collins type 51J-4 rank mounted receivers, range 0.5 to 30.5 Mc divided into 30 1-Mc bands, for AM, CW, and FSK reception	Electrical Engineering	Collins Radio Co., Cedar Rapids, Iowa	3 520 00 f.o.b. delivered
One No. 9209 IBM Universal card to paper tape converter	Graduate College	International Business Machines Corp., New York, N.Y.	5 800 00 f.o.b. Poughkeepsie, N.Y.
Language laboratory equipment including: One five-unit mass recording duplicator One distribution panel Eight distribution amplifying systems Five master console furniture One master phonograph 60 fold-a-booths 50 disc recorder-players, plus associated equipment of microphones, cables, etc., and installation	Language Laboratory	Magnetic Recording Industries, New York, N.Y.	25 643 75 f.o.b. installed
The Ewing C. Baskette private library collection of approximately 9,000 items, including books, pamphlets, periodicals, and manuscripts	Library	Mrs. E. C. Baskette, Springfield	9 000 00

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One spectrophotometer with wavelength range 1860 angstroms to 2.6 microns with modification for normal optical path for infrared use	Physics	Applied Physics Corp., Chicago	\$17 125 00 f.o.b. delivered
Fabrication of varian magnet turntable assembly	Physics	Burns Machine Co., Ottawa	3 937 50 f.o.b. delivered
7,200 plate, spot, pyrex glass, 3 depression, 22 mm. each, size 28 x 85 mm. with raised lip	Zoology	E. H. Sargent & Co., Chicago	5 400 00 f.o.b. delivered
Two magnasync series 916-C type 10 magnetic film recorders; one altec 350A power amplifier; one altec 604C loudspeaker; three telefunken KM-56 microphones; three hangers; four intercom head sets; and one magnetic head demagnetizer	University of Illinois Committee on School Mathematics	Behrend Cine Corp., Chicago	5 996 00 f.o.b. delivered
Ten microscopes, stereoscopic dissecting with illuminators	Zoology	Schaar & Co., Chicago	6 362 79 f.o.b. delivered
27 microscopes, student, monocular, 10 x and 43 x objectives with 10 x eyepiece, disc diaphragm, mirror and fork			
Less trade-in of two obsolete microscopes			
One recorder and three amplifiers to be used in the recording of blood pressure and heart sound	Medicine	Electronics for Medicine, Inc., White Plains, N.Y.	3 780 00 f.o.b. delivered
One amino acid analyzer	Medical Pharmacology	Spinco Division, Beckman Instrument, Inc., Stanford Industrial Park, Palo Alto, Calif.	12 700 00 f.o.b. Chicago
Syracuse china in American Santa Rosa Crimson Print pattern: 60 dozen coffee cups 48 dozen vegetable dishes 36 dozen bouillon cups 36 dozen saucers 24 dozen bread and butter plates 36 dozen salad plates 36 dozen luncheon plates, 9 in. 36 dozen dinner plates, 10 in.	Illini Union	E. A. Hinrichs & Co., Chicago	3 273 18 f.o.b. Urbana
64,300 (approximately) photographic prints, 2½ x 3½, to be developed from negatives for student identification for first semester, second semester, and summer session registration for the academic year 1959-60	Office of Security	Techniprint Film Laboratory, Champaign	2 539 85 f.o.b. delivered
82,000 sheets 25 ½ in. x 30 ½ in. index paper in various weights and colors	Office Supply Store	Chicago Paper Co., Chicago	3 210 60 f.o.b. delivered
Steel and glass partitions to be furnished and installed in 214 David Kinley Hall	Physical Plant	Virginia Metal Products, Inc., Chicago	4 130 00 f.o.b. delivered and installed

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 bid.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Contract services, September 1, 1959, through June 30, 1960, for appraisal of farm real estate using soil auger to check soil types (work required in connection with project on "Guide Lines for Appraisal")	Agricultural Economics	Earl F. Crouse, Urbana	\$2 800 00 (estimate)
Furnish and install a continuous flow grain drier, 200 bushel per hour capacity	Animal Science	Aeroglide Corp., Raleigh, N.C.	7 395 00 f.o.b. delivered and installed

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
75,000 Smead No. T18 covers, white leatherine, ½ in. capacity	Extension Service in Agriculture and Home Economics	Crown Office Supply Co., Chicago	\$ 4 815 00 f.o.b. delivered
One light scattering photometer and accessories; one differential type refractometer	Chemistry and Chemical Engineering	Phoenix Precision Instrument Co., Philadelphia, Pa.	4 495 77 f.o.b. delivered
One lot laboratory glassware and assorted supplies	General Chemical Stores	Schaar & Co., Chicago	27 802 36 f.o.b. delivered
84 drums (54 gallons each) C. P. Acetone	General Chemical Stores	The R. J. Brown Co., Decatur	3 326 40 f.o.b. delivered
Ten cylinders and end plates to be machined from a high alumina and metalized	Coordinated Science Laboratory	Coors Porcelain Co., Chattanooga, Tenn.	3 310 00 f.o.b. Golden, Colo.
Two NJE Model No. SS-3600-D-299 power supplies, transistorized, solid state D.C., 40-60 V., 0-30 amperes	Digital Computer Laboratory	NJE Corp., c/o Ridgway Engineering, Inc., Chicago	4 200 00 f.o.b. delivered
73,000 (approximately) answer sheets of statewide testing program to be scored	Bureau of Educational Research	Measurement Research Center, Inc., Iowa City, Iowa	8 760 00 f.o.b. Iowa City, Iowa
One Tektronix type 551 dual beam oscilloscope	Electrical Engineering	Tektronix, Inc., Elmwood Park	2 933 49 f.o.b. delivered
Two type "L" plug-in preamplifiers			
One mobile support			
Two BE-510 bezels			
Two No. 121 preamplifiers			
An early and rare volume, the first book printed in England with Italic, Hebrew, and Arabic type	Library	C. A. Stonehill, Inc., New Haven, Conn.	2 800 00
A manuscript including a hitherto unknown and unpublished poem of Bede the Venerable, written in Anglo-Saxon minuscule in England during the late ninth or early tenth century, for scholarly research	Library	H. P. Kraus, New York, N.Y.	5 800 00
One cradled d.c. dynamometer rated 10 h.p. absorbing and 7 ½ h.p. motoring complete with shunt, tachometer generator, and control unit	Mechanical Engineering	General Electric Co., Springfield	4 000 50 f.o.b. factory, freight prepaid
Engineering and materials to design and construct auxiliary equipment to convert Remington Rand Synchrotape typewriter to print music and prepare teletype tape from typewritten music	Music	Music Print Corp., Denver, Colo.	2 500 00 f.o.b. delivered
One testing machine, 10,000 lb. capacity, tension load range 2 grams to 10,000 pounds full scale, 13 constant crosshead speeds, recorder with one second response and eight chart speeds, five tension cells, eight sets grips and jaw faces, and accessories	Physics	Instron Engineering Corp., Canton, Mass.	12 540 00 f.o.b. destination
One Picker No. 6021 type 50 KVP industrial X-ray unit with type OEG 50-T tube, 8 ft. cable, waterhose, and connectors	Physics	Picker X-Ray Corp., Chicago	3 317 00 f.o.b. delivered
One choke oil (current limiting reactor)	Physics	Nothelfer Winding Laboratories, Inc., Trenton, N.J.	9 700 00 f.o.b. delivered
One spectrophotometer, recording, infrared type, complete with accessories for operation	Radiocarbon Laboratory	The Perkin-Elmer Corp., Chicago	4 890 00 f.o.b. delivered
One automatic camera microscope and accessories	Surgery	W. H. Kessel & Co., Chicago	4 997 70 f.o.b. delivered
One automatic super-speed refrigerated centrifuge and accessories	Medicine	Ivan Sorvall, Inc., Norwalk, Conn.	3 150 00 f.o.b. Norwalk, Conn.
100,000 mysoline tablets	Hospital Pharmacy	Ayerst Laboratories, Chicago	2 658 00 f.o.b. delivered

Item	Department	Vendor	Cost
Two surgical operating tables	Research and Educational Hospitals	American Sterilizer Co., Chicago	\$ 5 522 00 f.o.b. delivered
Printing and binding 1,500 copies of <i>The Mind and Spirit of John Peter Aligeld</i> , by Henry M. Christman, approximately 179 pages per copy	University Press	Pantagraph Printing & Stationery Co., Bloomington	2 500 49 f.o.b. delivered
49 16 mm. films, titles as listed	Audio-Visual Aids Service	International Film Bureau, Inc., Chicago	5 005 00 f.o.b. destination
54 16 mm. films, titles as listed	Audio-Visual Aids Service	McGraw-Hill Book Co., Inc., New York, N.Y.	5 209 50 f.o.b. Urbana
30 dozen baking pans	Housing Division, Residence Halls Food Services	Morton Selz, Inc., Chicago	23 050 87 f.o.b. delivered
72 dozen pie pans			
175 dozen bun pans			
32 dozen cake pans			
32 dozen angel cake pans			
290 tote boxes			
62 dollies			
20 dozen cup cake pans			
Miscellaneous pans, knives, measuring cups, stock pots, strainers, etc.			
Fire and extended coverage insurance subject to 80 per cent coinsurance on a five-year cash basis covering the Orchard Place Apartments at an insurable value of \$690,000 and their contents at an insurable value of \$90,000 with total estimated premium of \$9,345.23	Housing Division	Dennis Brya, Champaign, representing the Employers Mutual Casualty Co. \$172,500 Building 22,500 Contents Ted McClurg, Champaign, representing the Allstate Insurance Co. \$517,500 Building 67,500 Contents	2 341 61 357 57 5 703 75 942 30
28 captains chairs, 70 mates chairs; these chairs are to replace chairs now in use in the Illini Union Building	Illini Union	Universal Equipment Co., Batesville, Ind.	4 005 68 Urbana
50 steel single pedestal desks, 60 x 30	Office Supply Store	Weber, Hilmer & Johnson, Chicago	16 755 21 f.o.b. delivered
30 steel single pedestal desks, 45 x 30			
10 letter size files, five drawer			
110 letter size files, four drawer			
5 legal size files, four drawer			
1,150 reams grade "A" English finish book paper in sizes and weights as specified	Office Supply Store	Marquette Paper Corp., Chicago	9 828 00 f.o.b. delivered
8,400 reams No. 1 white sulphite offset paper in various sizes and weights	Office Supply Store	Bradner Smith & Co., Chicago	11 330 10 f.o.b. delivered
300,000 No. 10—20 lb. giant Kraft envelopes	Office Supply Store	Heco Envelope Co., Chicago	4 166 00 f.o.b. delivered
150,000 No. 6½—20 lb. giant Kraft envelopes			
50,000 No. 9—28 lb. white wove envelopes			
750,000 No. 10—28 lb. white wove envelopes			
100,000 No. 6½—28 lb. white wove envelopes			
175 cases napkins, 12 x 13	Office Supply Store	O K Papers, Inc., Chicago	4 249 78 f.o.b. delivered
125 cases napkins, 12 x 16½			
25 cases cups, paper, cold drink, 5 oz.			
100,000 gallons (approximately) No. 5 fuel oil to be delivered to the University of Illinois Airport during the period of October 1, 1959, through June 30, 1961; price is subject to increase or decrease according to local market price	Institute of Aviation	Stewart Oil Co., Champaign	8 750 00 f.o.b. delivered
One turret ladder for truck mounting with maximum working height of 40 feet, all movements to be hydraulically operated by power take-off on truck	Physical Plant	Holan Corp., Cleveland, Ohio	2 810 57 f.o.b. delivered
One tractor, lawn mowing type, complete with hydraulic system, five-gang mower, and snow plow to replace similar equipment purchased in 1952; the new five-gang mower is to have a mowing unit to precede the front wheels	Physical Plant	H. A. Kuhle Co., Decatur	5 738 77 f.o.b. Urbana

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Builder's risk insurance under a completed value form on an estimated \$5,220,000 insurable cost of construction, for the Men's Residence Halls, Southeast Parade Ground area (SM-3). Insurable cost of three dormitories is estimated at \$3,750,000; insurable cost of the Food Service Building is \$1,470,000. Insurance is to be carried for an estimated two years during the course of construction, with total premiums estimated at \$9,284.78, of which \$4,642.39 will be payable the first year	Physical Plant	Three dormitories:	
		Noonan Agency,	
		Champaign, representing	
		the Employers Mutual	
		Casualty Co.	
		\$937,500 (25 per cent)	\$1 593 76
		H. R. Bresee & Co.,	
		Champaign, representing	
		the Freeport	
		Insurance Co.	
		\$2,812,500 (75 per cent)	4 702 50
		Food Service Building:	
		Noonan Agency,	
		Champaign, representing	
		the Employers Mutual	
		Casualty Co.	
		\$367,500 (25 per cent)	757 06
		Dickler Insurance Agency,	
		Dwight, representing	
		the Freeport Insur-	
		ance Co.	
		\$1,102,500 (75 per cent)	2 231 46
		Total	(9 284 78)

Laundry Service and Protective Clothing Rental Service

On May 16, 1959, the Board of Trustees authorized, as purchase recommendations, contracts with Midstate Linen Supply, Inc., Urbana, Illinois, the lowest bidder for laundry service for departments at Urbana for the period July 1, 1959, through June 30, 1961, \$92,442.96, and for protective clothing rental service (coats, aprons, and other garments) for the Illini Union, Residence Halls, and Home Economics Cafeteria, for the period July 1, 1959, through June 30, 1961, \$35,140.00.

Midstate Linen Supply, Inc., a corporation, is being dissolved and has sold its rental business and name to F. W. Means and Company, Chicago, which will conduct a rental business known as Midstate Linen Supply. The laundry portion of the business has been sold to H. Paul Lincicome, a one-third owner of the present corporation, who will do business as Paul's Laundry Company. Midstate Linen Supply, Inc., has assigned, with no changes in terms or conditions, the laundry contract to Paul's Laundry Company and the rental contract to F. W. Means and Company. The latter also owns the Champaign Clean Towel Service, a firm presently providing the University satisfactory rental service on certain other items. Mr. Lincicome has served as President and Manager of Midstate Linen Supply, Inc., for a number of years. The University's business dealings with both the Champaign Clean Towel Service, and with H. Paul Lincicome as an individual, have been very satisfactory.

It is recommended that the University accept these assignments and that the Comptroller and the Secretary of the Board be authorized to execute consents thereto.

On motion of Mr. Johnston, these purchases and acceptance of the assignments of the laundry service and clothing rental contracts were authorized.

COMPTROLLER'S REPORT OF CONTRACTS

(20) The Comptroller's report of contracts executed during the period July 1, 1959, to August 31, 1959.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
The Griffin Wheel Co.	Improvement of cast steel railway car wheels	\$24 167 00	July 23, 1959
Hilton Hotels Corp.	Rental of certain facilities and areas at Navy Pier	2 805 00	June 30, 1959
National Aeronautics and Space Administration	Flow mechanism and heat transfer in separated flows	23 057 00	June 10, 1959
National Roofing Contractors Association	Roofing and related elements of roof structures	15 000 00	September 1, 1959
Portland Cement Association	Strength and deformation characteristics of reinforced concrete beam-column connections	12 000 00	July 27, 1959

<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 Welfare Project No. 1748	Indices and norma, quantifying conflict and adjustment levels in children based on objective motivation measures	\$42 463 00	July 20, 1959
State of Illinois Division of Highways Project No. IHR-64	Welded highway structures	15 000 00	July 1, 1959
State of Illinois Division of Highways Project No. IHR-65	Interrelated highway and agricultural drainage laws and engineering practices	11 000 00	July 1, 1959
State of Illinois Division of Highways Project No. IHR-66	Study of woody ground covers to control soil erosion	13 000 00	July 1, 1959
State of Illinois Division of Highways Project No. IHR-67	Study of grass covers to minimize soil erosion	8 500 00	July 1, 1959
State of Illinois Division of Highways Project No. IHR-68	Provide guide lines for appraisers in estimating values of property taken for highway purposes	20 000 00	July 1, 1959
State of Illinois Division of Highways Project No. IHR-69	Study of traffic linkage relationships that exist between communities in a geographic region	10 500 00	July 1, 1959
State of Illinois Division of Highways Project No. IHR-70	Social factors associated with traffic generation in a metropolitan area of 75,000 population	7 000 00	July 1, 1959
State of Illinois Division of Highways Project No. IHR-71	Study effect of major street and highway traffic on urban property values	18 200 00	July 1, 1959
State of Illinois Division of Highways Project No. IHR-72	Feasibility of using a short time sonic test to develop a procedure for predicting the creep in concrete	16 000 00	July 1, 1959
State of Illinois Division of Highways Project No. IHR-73	Study of fatigue damage in concrete	8 500 00	July 1, 1959
State of Illinois State Housing Board	Planning programs for Illinois municipalities	5 000 00	May 6, 1959
United States Air Force AF 01(611)-650	Flight instruction	12 035 88	July 1, 1959
United States Air Force AF 19(604)-5565	Processes in the ionosphere by means of gyro interaction experiments carried out with rockets	40 696 00	June 1, 1959
United States Air Force AF 33(616)-6643	Nonlinear vibration isolation systems	21 489 00	June 16, 1959
United States Air Force AF 41(657)-279	Relationship of Air Force tests to technical high school performance	17 254 00	June 15, 1959
United States Air Force AF 49(638)-672	Internal friction techniques in the study of diffusion and phase changes in metals	38 574 00	April 29, 1959
United States Army DA-11-022-ORD-3134	Superconductive metals	34 752 00	June 18, 1959
United States Army DA-36-039 SC-84525	Direction finder system for the MF-HF-VHF ranger	125 368 00	June 26, 1959
United States Department of Health, Education, and Welfare, Office of Education SAE 8310	Counseling and guidance training institute	38 788 00	February 27, 1959
United States Department of Health, Education, and Welfare, Office of Education SAE 8367	Effects on use of tests by teachers trained in a summer institute	30 828 00	July 15, 1959
United States Department of Health, Education, and Welfare, Office of Education SAE 8370	Principles for programming learning materials in self-instructional devices for mentally retarded children	41 790 00	July 15, 1959
United States Department of Health, Education, and Welfare, Office of Education SAE 8383	Prediction and understanding of the effect of children's interests on school performance	39 213 00	July 31, 1959

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Navy N228-34217	Academic instruction	\$ 3 850 00	July 1, 1959
United States Navy Nonr-2947	Relation between low cycle fatigue, creep, fracture toughness, and slow crack extension leading to unstable fracture in steels	20 000 00	June 15, 1959
United States of America International Cooperation Administration ICAC-1100	Future development of the university in relation to the social and economic needs of Afghanistan	50 000 00	May 13, 1959

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
State's Attorney of Champaign County	Services rendered in lieu of taxes	\$ 5 913 98	July 2, 1959
State's Attorney of Champaign County	Services rendered in lieu of taxes	29 105 28	July 9, 1959
State's Attorney of La Salle County	Services rendered in lieu of taxes (Weber farms)	3 512 32	July 14, 1959
State's Attorney of Moultrie County	Services rendered in lieu of taxes (Hackett farm)	756 12	June 30, 1959
State's Attorney of Piatt County	Services rendered in lieu of taxes (Allerton and Warren farms)	11 450 91	June 23, 1959

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Donald E. Ditzler	Lease of second floor apartment of the Burt House at the U. of I. Airport	\$ 960 00 (July 1, 1959, to June 30, 1960)	July 1, 1959
Melvin Greathouse	Lease of the house, house yard, and orchard on the Weber farms in La Salle County	680 00 (July 1, 1959, to July 1, 1961)	June 1, 1959
The National Council of Teachers of English	Lease of south half of the first floor at 704 South Sixth Street	1 800 00 (July 1, 1959, to June 30, 1960)	July 1, 1959
Louis V. Xhignesse	Lease of first floor apartment of the Burt House at the U. of I. Airport	1 020 00 (September 1, 1959, to August 31, 1960)	September 1, 1959

<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: \$48.57 to \$245.06	\$ 293 63 annually	June, 1959
Eversman Manufacturing Co.	One model 2-SD Eversman scraper, with attachments	113 50 annually	July 27, 1959
Home Savings and Loan Association	Rental of 400 South Grand Avenue West, Springfield, from July 1, 1959, to June 30, 1961	1 440 00 (\$60.00 per month)	July 1, 1959
International Harvester Co. (rental of farm machinery)	Twenty-nine items: \$4.61 to \$919.31	7 475 38 annually	June and July, 1959
Minneapolis Moline Co.	One Minneapolis Moline model No. 206 H-4B power and centrifugal irrigation pump with attachments	176 95 annually	July 20, 1959
Missouri Avenue Realty Co.	Rental of premises at 338 Missouri Avenue, East St. Louis, Illinois, from July 1, 1959, to June 30, 1961	948 00 (\$39.50 per month)	July 1, 1959
The Papec Machine Co.	One No. 92 Papec forage harvester; one No. 40 blower base with standard equipment	371 70 annually	June 23, 1959
University of Illinois Foundation	Rental of a portion of the premises at 704 South Sixth Street, Champaign, from July 1, 1959, to June 30, 1961	17 000 00 (\$708.33 per month)	July 1, 1959

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	June 23, 1959
Grace Chemical Co.	Non-protein nitrogen in sheep nutrition	2 500 00	March 31, 1959
Institute of Boiler and Radiator Manufacturers	Performance of steam and hot water heating systems and related equipment	35 200 00	June 30, 1959
Sandia Corp.	Achieving an improvement in present knowledge of strong shock interactions	17 800 00	July 22, 1959
State of Illinois Department of Public Welfare Project No. 1726	Child behavior and parent-child interaction patterns	2 700 00	July 15, 1959
State of Illinois Division of Highways Project No. IHR-2	Highway problems	14 500 00	July 14, 1959
State of Illinois Division of Highways Project No. IHR-5	Riveted and bolted structural joints	10 000 00	July 14, 1959
State of Illinois Division of Highways Project No. IHR-9	Impact on highway bridges	24 000 00	July 14, 1959
State of Illinois Division of Highways Project No. IHR-10	Prestressed reinforced concrete highway bridges	29 500 00	July 14, 1959
State of Illinois Division of Highways Project No. IHR-12	Soil exploration and mapping	29 000 00	July 14, 1959
State of Illinois Division of Highways Project No. IHR-23	Determination of waterway areas	11 900 00	July 14, 1959
State of Illinois Division of Highways Project No. IHR-46	Soil aggregate mixtures for highway pavement	25 000 00	July 14, 1959
State of Illinois Division of Highways Project No. IHR-47	Use of admixtures for chemical stabilization of natural soils for road building	15 000 00	July 14, 1959
State of Illinois Division of Highways Project No. IHR-53	Vehicular speed regulation	24 500 00	July 14, 1959
State of Illinois Division of Highways Project No. IHR-58	Equipment for the establishment and maintenance of roadside cover	18 500 00	July 14, 1959
State of Illinois Division of Highways Project No. IHR-59	Widths and cross sections for medians of divided highways	12 500 00	July 14, 1959
Texaco, Inc.	Methods and machines for more efficient application of anhydrous ammonia, aqua ammonia, and slurries of dry and liquid nutrients	3 500 00	June 15, 1959
United States Air Force AF 19(604)-2152	Gaseous electronics	90 040 00	June 17, 1959
United States Air Force AF 33(616)-6079	Antenna research	119 950 00	July 20, 1959
United States Air Force AF 41(657)-279	Relationship of Air Force tests to technical high school performance	7 754 00	July 14, 1959
United States Army DA-22-079-ENG-238	Dynamic bearing capacity of soils	6 000 00	June 16, 1959
United States Army DA-49-007-MD-562	Experimental investigations in medicine	13 174 00	June 30, 1959
United States Atomic Energy Commission AT(11-1)-67 Project No. 5	Atomic energy research and development	36 600 00	August 19, 1959
United States Atomic Energy Commission AT(11-1)-67 Project No. 15	Diffusionless phase changes in non-ferrous metals and alloys	73 000 00	June 11, 1959, and August 14, 1959
United States Atomic Energy Commission AT(11-1)-67 Project No. 20	Fatigue behavior of dilute nitrogen	21 249 00	June 11, 1959

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
United States Atomic Energy Commission AT(11-1)-314	Synthesis of boron-containing dyes suitable for use in invivo experiments on mice with glioblastomas	\$ 4 164 00	June 11, 1959
United States Atomic Energy Commission AT(11-1)-663	Develop and manufacture detection and measuring equipment for the two millimeters wave-length	77 000 00	June 29, 1959
United States Department of Health, Education, and Welfare, Office of Education SAE-8310	Counseling and guidance training institute	172 00	June 8, 1959
United States Department of Health, Education, and Welfare, Office of Education SAH 67815	Polio surveillance	6 000 00	June 12, 1959
United States Navy Nonr-1834(22)	Radio astronomy	100 000 00	March 1, 1959
United States Navy Nobs-77008(1716)	Low-stress fatigue behavior of materials and structural components of steels typical of ship application	30 000 00	August 10, 1959

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)	Eleven items: \$32 to \$1,806	\$ 4 026 00	July and August, 1959

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(21) The Comptroller presents his quarterly report to the Board as of June 30, 1959. This report was received for record.

REORGANIZATION OF THE CHICAGO ILLINI UNION BOARD

(22) The Director of the Chicago Illini Union, the Associate Director of the Physical Plant, and the Dean of Student Affairs for the Chicago Professional Colleges, recommend a reorganization and clarification of the functions of the Chicago Illini Union Board to enable it to serve effectively in support of the requirements of the Chicago Professional Colleges.

It is proposed that the Chicago Illini Union Board be organized and changed as follows:

I. Membership (fourteen at present)

1. Student Members

- a. One student elected by the student council of each college or school identified with the Chicago Professional Colleges (at present, the Colleges of Dentistry, Medicine, Nursing, Pharmacy, and the Graduate College).
- b. One student member, representative of Chicago Illini Union Board committees, appointed by the Director of the Union on the recommendation of the Social Director.

2. Faculty Members

One faculty member from each college or school appointed by the Vice-President in charge of the Chicago Professional Colleges.

3. Ex-officio Members

The Director, the Social Director of the Chicago Illini Union, and the Chairman of the Chicago Professional Colleges Senate Committee on Student Affairs.

4. Terms of Office

Membership on the Chicago Illini Union Board shall be for a twelve-month period from July 1 of each year.

To be eligible for election and to hold office, student members must be and remain in good standing in the University. Student members may be re-elected once.

II. Organization and Functions

1. The officers of the Chicago Illini Union Board shall consist of a faculty member as Chairman, a student member as President, each elected by the members of the Board. The Social Director of the Union shall serve as Secretary of the Board. The Chairman will serve as the presiding officer and spokesman of the Board. In the absence of the Chairman, the President shall be the presiding officer.
2. Meetings of the Board shall be held at least once each quarter of the academic year. Additional meetings may be scheduled as required on call of the Chairman.
3. It will be the responsibility of the Chicago Illini Union Board to serve in an advisory capacity to the Director of the Union in relation to planning for effective social, cultural, and recreational programs for individual students, recognized student groups, and other personnel of the Chicago Professional Colleges.
4. The Chicago Illini Union Board may establish committees to assist in carrying out specific phases of its responsibilities. Each committee established to aid in the development of general student programs within the Union building shall consist of at least five students representing recognized and approved student organizations. The Social Director of the Union shall be an *ex officio* member of each committee established for general student programs. Members of committees shall be appointed by the Chairman of the Board who will be guided in the selection of student members by recommendations of the Social Director of the Union.

Appointment of a Chicago Illini Union Board, as proposed above, is intended to strengthen the relationships of faculty and students and to assist in developing an appropriate environment for student life and activities. It does not change the present responsibility of (1) the Associate Director of the Physical Plant at the Chicago Professional Colleges for the operation and management of the Chicago Illini Union building or (2) the Dean of Student Affairs for the social, cultural, and recreational programs for students within the building. The Director of the Chicago Illini Union serves as the executive agent of the Associate Director of the Physical Plant and the Dean of Student Affairs in relation to management and operating responsibilities.

The Dean of Students, the Director of the Illini Union at Urbana, and the Director of the Physical Plant have been consulted, and their suggestions have been incorporated in this proposed reorganization. The Vice-President in charge of the Chicago Professional Colleges concurs in the recommendations.

I recommend approval of this reorganization to replace the original plan of organization of the Chicago Illini Union approved by the Board of Trustees on July 22, 1941, and as printed on pages 398 to 401 of the minutes of that meeting; and that the President of the University be authorized to approve such changes as may be found necessary from time to time in the light of experience with this new organization.

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

ACCEPTANCE OF VIDEOTAPE RECORDER AND APPROPRIATION FOR INSTALLATION AND ACQUISITION OF EQUIPMENT FOR VIDEOTAPE RECORDER

(23) The National Educational Television and Radio Center has offered the University a videotape recorder, valued at \$53,000, and a supply of tape, valued at \$10,000, for use by Station WILL-TV. In accepting this offer, the University must agree to pay for installing the recorder and to purchase certain accessories and technical equipment. This is estimated to cost \$11,000. In addition, the University must agree to maintain the equipment in good repair and working order and to carry such insurance on it as is customarily carried by broadcasting stations. Title to the recorder would remain in the National Educational Television and Radio Center for five years after which title would be transferred to the University.

I recommend acceptance of this offer, under the conditions indicated, and that an appropriation of \$11,000 be made from the General Reserve Fund to meet the University's share of the costs.

On motion of Mr. Swain, acceptance of this equipment was authorized under the conditions stated, and the recommended assignment of funds 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.

SALE OF SECURITIES

The Finance Committee requests adoption of the following resolution authorizing the sale of securities which the Committee has approved.

Resolution

WHEREAS, The Board of Trustees of the University of Illinois is the owner of 600 shares of Armstrong Cork Company 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.

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

ASSOCIATION OF GOVERNING BOARDS OF STATE UNIVERSITIES AND ALLIED INSTITUTIONS

President Williamson announced that the annual meeting of this Association will be held at Oklahoma State University, Stillwater, Oklahoma, October 14 to 17, 1959. Mrs. Frances B. Watkins has represented the Board of Trustees of the University of Illinois at some of the previous meetings and has been designated as a delegate this year. If any of the other members of the Board desire to attend, the Secretary will arrange for their representation.

ADDRESS BY DR. DONALD J. CASELEY

At this point, President Henry presented Dr. Donald J. Caseley, Medical Director of the Research and Educational Hospitals, who addressed the Board on the operations of these Hospitals and discussed the expansion of services.

NOVEMBER AND DECEMBER BOARD MEETINGS

On motion of Mrs. Watkins, the Board voted to hold its November meeting on Wednesday, November 18, in Chicago, at the Chicago Undergraduate Division.

On motion of Mrs. Watkins, the Board voted to hold its December meeting in Chicago, at the First National Bank of Chicago, on Wednesday, December 16, 1959.

EXECUTIVE SESSION

At this point, on request of Mr. Clement, an executive session was ordered for consideration of the following item of business:

RECOMMENDATION OF THE UNIVERSITY PATENT COMMITTEE

(24) The University Patent Committee submits, with the concurrence of the Chairman of the University Research Board, the following recommendation relating to an invention by a member of the staff.

Unstable free radical of adrenalin — Dr. L. G. Abood, Associate Professor of Neurophysiology and Biological Chemistry, inventor. The inventor describes this

invention as an unstable free radical obtained from the oxidation of 1-adrenalin. The compound appears as a powerful inhibitor of many enzyme systems involved in electron transport. It has no immediate therapeutic application; but since it is so highly toxic, it probably should not be used in human studies. Dr. Francis J. Gerty, Head of the Department of Psychiatry, recommends that this invention be released to the inventor, and it is his opinion that it has very little possibility of commercial value.

After study, the members of the Patent Committee available on the campus concurred with the opinion of Dr. Gerty and voted to recommend to the Board of Trustees that this invention be released to the inventor with the following conditions: (1) If the inventor does not apply for a patent, he will agree to release all his rights to the Office of Naval Research, the sponsoring agency under which this development was made. (2) If he does apply for and receive a patent, he will recognize the obligations of the University to the Office of Naval Research. I concur in this recommendation.

Mr. Clement, for the Committee on Patents, reported that the Committee has approved the foregoing recommendation, and on his motion, the same was approved.

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 leaves 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.)

ADAMS, MARY J. N., Research Assistant in Microbiology, August 16-31, 1959, \$420 a month (8-15-59), and Instructor in Microbiology, September 16, 1959-January 31, 1960, \$3000, supersedes (8-7-59).

ADAMS, MRS. RUBY L., Assistant in Home Economics (C and S), one year from September 1, 1959, \$5100 (8-13-59).

ADELSPERGER, ROBERT J., Assistant Serials and Acquisitions Librarian, with rank of Instructor, in the Library (Chicago Undergraduate Division), one year from September 1, 1959, \$5800 (7-15-59).

ALLEN, CHARLES M., Acting Dean of the College of Education, September 1, 1959, and continuing until further notice, annual salary at the rate of \$1,000; this is in addition to his present appointment as Professor of Education, Associate Dean of the College of Education, and University Council on Teacher Education Coordinator (8-7-59).

ALPERT, NORMAN R., Associate Professor of Physiology and Coordinator of Medical Education for National Defense (Medicine), two months from July 1, 1959, \$1,006 a month; this is in addition to his present appointment (7-24-59).

ANDERSEN, BURTON R., Research Assistant in Medicine (Medicine), one year from July 1, 1959, \$4400 (7-13-59).

ANDREWS, CHARLES B., Instructor in Orthopaedics, Department of Orthopaedic Surgery, and Orthopaedist in the Respiratory Center (Medicine), two months from July 1, 1959, \$900 a month (7-17-59).

ANNIS, NORMAN L., Instructor in Art, academic year beginning September 1, 1959, \$5500 (8-27-59).

ARGOUEDELIS, ALEXANDER D., Research Assistant in Chemistry, September 1-15, 1959, \$204, supersedes (9-1-59).

ARMATO, ROSARIO P., Assistant in English, nine months from September 16, 1959, \$3600 (7-22-59).

ARMSTRONG, MARY B., Assistant in Speech, nine months from September 16, 1959, \$3600 (7-22-59).

ASCHNER, MARY J., Research Assistant Professor in the Institute for Research on Exceptional Children, one year from September 1, 1959, \$7500 (8-15-59).

- ASTON, KATHARINE O., Instructor in English for Foreign Students, academic year beginning September 1, 1959, \$5100 (7-22-59).
- ATCHINSON, EDITH M., Resident Assistant in Allen Hall, ten months from August 24, 1959, \$1600; for the convenience of the University she will also be furnished board and room valued at \$31 a month, while on duty (7-17-59).
- AUTH, LEO V., JR., Instructor in Electrical Engineering (C), academic year beginning September 1, 1959, \$6400, supersedes (8-28-59).
- BAKER, JOHN R., Assistant in English, nine months from September 16, 1959, \$3800 (7-22-59).
- BANKS, EDWIN M., Research Assistant Professor in the Division of General Studies, two months from July 1, 1959, \$1244, supersedes (7-30-59).
- BARBATO, IRIS M., Research Associate in Psychiatry (Medicine), eleven months from October 1, 1959, \$6500 a year (8-13-59).
- BARKER, MRS. CAROLINE J., Serials Cataloger, with rank of Instructor, in the Library, one year from September 1, 1959, \$5500 (7-17-59).
- BARNES, EDWARD E., Instructor in Agricultural Extension and Assistant State Leader of Farm Advisers (E), one year from September 1, 1959, \$9000 (7-31-59).
- BARNES, TED J., Instructor in Speech, academic year beginning September 1, 1959, \$6200 (8-25-59).
- BARTHEL, MRS. CHRISTINA G., Assistant in Veterinary Pathology and Hygiene (College of Veterinary Medicine) and in Veterinary Research (Agricultural Experiment Station), one year from September 1, 1959, \$4400 (8-25-59).
- BEBERMAN, MAX, Professor of Education (University High School) (College of Education, Graduate College), May 1-August 15, 1959, \$1022; this is in addition to his previous appointment; and Professor of Education (University High School), in the College of Education on indefinite tenure to render service during each academic year and in the Graduate College for the academic year beginning September 1, 1959, \$14,700 (7-31-59).
- BERATAN, LEON, Visiting Lecturer in Civil Engineering (Chicago Undergraduate Division), academic year beginning September 1, 1959, \$7000 (8-28-59).
- BERGER, JEAN, Visiting Lecturer in Musicology (School of Music), academic year beginning September 1, 1959, \$9000 (7-31-59).
- BERGERON, CLIFTON G., Research Associate in Ceramic Engineering, full time September 1-15, 1959, \$9000 a year; $\frac{3}{4}$ time September 16, 1959-May 31, 1960, \$6750 a year (8-25-59).
- BESS, LEON, Assistant Professor of Physics (Chicago Undergraduate Division), $\frac{1}{2}$ time, academic year beginning September 1, 1959, \$3500 (7-31-59).
- BISWAS, DEBAJIT K., Postdoctoral Research Assistant in Animal Science (S), one year from September 1, 1959, \$5200 (8-1-59).
- BLACK, LINDSAY M., Research Professor of Botany, two months from June 16, 1959, \$1288.88 a month; this is in addition to his present appointment (7-15-59).
- BLANCHARD, WOODROW W., Research Assistant in Microbiology, one year from September 1, 1959, \$4400 (9-1-59).
- BLUMENTHAL, JEROME, Assistant in English (Chicago Undergraduate Division), September 16-January 31, 1960, \$2000 (7-15-59).
- BOERSMA, LARRY, Assistant Professor of Agricultural Engineering (S), July 15-August 31, 1959, \$650 a month (8-7-59).
- BOZAK, RICHARD E., Research Associate in Chemistry, one year from October 1, 1960, \$5500 (7-31-59).
- BREEN, HARRY F., JR., Instructor in Art, academic year beginning September 1, 1959, \$5700 (7-31-59).
- BROOKS, ERNEST R., Clinical Assistant in Medicine (Medicine), three months from June 1, 1959, without salary (7-21-59).
- BROTHERSON, DONALD E., Research Assistant Professor of Architecture (Small Homes Council-Building Research Council and Department of Architecture), August 16-31, 1961, \$8800 a year (8-26-59).
- BROTT, EUGENE E., Instructor in English (Division of Business English), $\frac{3}{4}$ time, academic year beginning September 1, 1959, \$3000 (8-15-59).
- BROWN, RAYMOND B., Instructor in Art, academic year beginning September 1, 1959, \$5000 (7-17-59).
- BROWN, RICHARD M., Research Professor of Physics and of Electrical Engineering

- on indefinite tenure, and in the Coordinated Science Laboratory for one year, beginning September 1, 1959, \$17,000 a year, supersedes (8-28-59).
- BUDDEMEIER, WILBUR D., Professor of Farm Management (Agricultural Economics), indefinite tenure, and Group Leader of Regional Agricultural Contract-India, two years, beginning September 1, 1959, \$11,500 a year, supersedes (9-3-59).
- BUTCHER, HAROLD J., Research Associate in Psychology, one year from September 1, 1959, \$6000 (7-17-59).
- CARMER, SAMUEL G., Assistant in Agronomy (C), full time, September 1, 1959-January 31, 1960, \$4600 a year, and $\frac{1}{2}$ time, February 1, 1960-August 31, 1960, \$2300 a year (8-25-59).
- CARROLL, JOHN R., Associate Professor of Mechanical Engineering (C), $\frac{3}{4}$ time, indefinite tenure beginning September 1, 1959, to render service during each academic year, \$5467 a year, supersedes (8-25-59).
- CATON, CHARLES E., Instructor in Philosophy, academic year beginning September 1, 1959, \$5600 (7-31-59).
- CEDERSTRAND, CARL, Research Assistant in Botany, one year from September 1, 1959, \$5000 (8-25-59).
- CHALMERS, RUTH, Research Assistant in Electrical Engineering (S), two months from July 1, 1959, \$375 a month, supersedes (7-10-59); and for one year from September 1, 1959, \$4500 (8-7-59).
- CHILLAG, JOAN M., Instructor in English (Chicago Undergraduate Division), academic year beginning September 1, 1959, \$5000 (7-31-59).
- CHIN, BESSIE, Catalog Assistant in the Library, one year from September 1, 1959, \$4800 (8-25-59).
- CLARKE, KENNETH S., Supervisor of Special Services, with rank of Assistant, in the Student Rehabilitation Center (College of Physical Education), one year from September 1, 1959, \$6000 (7-31-59).
- COCHRAN, BARBARA JOAN, Assistant Dean of Women, one year from September 1, 1959, \$6100 (7-28-59).
- COLBURN, IRVING W., Assistant Professor of Architecture (Chicago Undergraduate Division), $\frac{1}{2}$ time, academic year beginning September 1, 1959, \$3750 (7-31-59).
- CONRAD, H. EDWARD, Research Associate in Chemistry, one year from July 1, 1959, \$7300 (7-31-59).
- COOLEY, JACK C., Clinical Assistant Professor of Physiology, September 1, 1959-June 1, 1961, without salary (8-7-59).
- COOPER, DUANE H., Research Associate Professor of Physics and of Electrical Engineering on indefinite tenure, and in the Coordinated Science Laboratory for one year, from September 1, 1959, \$14,200 a year, supersedes (8-28-59).
- CORLEY, ROBERT E., Assistant Professor of Social Sciences (Chicago Undergraduate Division), Summer Session of 1959, June 19-August 14, 1959, $\frac{1}{2}$ time, \$667 for the period (7-13-59).
- COWLING, KEITH G., Assistant in Land Economics (Agricultural Economics) (S), two months from July 1, 1959, \$888.88 (7-17-59).
- CROMWELL, CHARLES G., Instructor in Radio and Television (College of Journalism and Communications), $\frac{3}{4}$ time, academic year beginning September 1, 1959, \$3550, supersedes (7-22-59).
- DANELSKI, DAVID J., Instructor in Political Science, academic year beginning September 1, 1959, \$6000 (8-25-59).
- DAVIS, J. CALVIN, III, Research Assistant in Medicine (Medicine), one year from July 1, 1959, \$4400 (7-13-59).
- DELF, HARRY J., JR., Instructor in Chemistry (Physical Sciences) (Chicago Undergraduate Division), $\frac{3}{4}$ time, September 1, 1959-January 31, 1960, \$360 a month (7-13-59).
- DEMBSKI, WILLIAM J., Instructor in Biological Sciences (Chicago Undergraduate Division), academic year beginning September 1, 1959, \$4800 (8-28-59).
- DEWHIRST, DONALD L., Instructor in Theoretical and Applied Mechanics (C), academic year beginning September 1, 1959, \$5000, supersedes (8-13-59).
- DHARMARAJAN, SANGIAH, Research Associate in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, academic year beginning September 1, 1959, \$2500 (7-31-59).

- DIAL, MRS. JEANNE, Research Assistant in Microbiology, July 1, 1959-August 31, 1960, \$4800 a year (7-22-59).
- DORENKAMP, JOHN, Assistant in English, nine months from September 16, 1959, \$3800 (7-22-59).
- DOYLE, ANNE, Assistant in English, nine months from September 16, 1959, \$3800 (7-22-59).
- DRAKE, JOHN W., Instructor in Microbiology, two months from July 1, 1959, \$1166.66 (8-5-59).
- DREW, GEORGE J., Assistant in Education (University High School), nine months from September 16, 1959, \$5000 (8-7-59).
- EAKIN, FRANZY, Lecturer in Management, nine months from September 16, 1959, \$7000 (8-15-59).
- EBERSOLE, ELLEN H., Instructor in Home Economics (C), academic year beginning September 1, 1959, \$4800 (8-7-59).
- EDGE, TURNER W., Assistant in Speech, nine months from September 16, 1959, \$3600 (8-1-59).
- EISEN, NATHANIEL H., Assistant Professor of Psychology, $\frac{1}{4}$ time, academic year beginning September 1, 1959, \$2000 (7-31-59).
- ELKIN, STANLEY, Assistant in English, nine months from September 16, 1959, \$4000 (7-22-59).
- ELLISON, FRED P., Assistant Professor of Spanish, $\frac{1}{2}$ time, two months from June 16, 1959, \$756; this is in addition to his present appointment (7-9-59).
- EPLEY, DONALD L., Instructor in Electrical Engineering (C), academic year beginning September 1, 1959, \$5500 (8-26-59).
- FAUCETT, PHILIP M., JR., Instructor in Economics, academic year beginning September 1, 1959, \$6000 (7-20-59).
- FELDKAMP, GERMAINE E., Resident Assistant in Allen Hall, ten months from August 24, 1959, \$1600; for the convenience of the University, she will be furnished board and room valued at \$31 a month, while on duty (7-20-59).
- FELLMANN, JEROME D., Research Associate Professor of Geography, July 29-August 31, 1959, \$897; this is in addition to his present appointment (7-31-59).
- FISCHER, JOHN D., Instructor in English, academic year beginning September 1, 1959, \$5500 (7-17-59).
- FISHER, MRS. JANET L., Instructor in Mathematics (Department of Chemistry) (Pharmacy), academic year beginning September 1, 1959, \$5200 (7-22-59).
- FISHMAN, WILLIAM E., Research Assistant in Medicine (Medicine), one year from July 1, 1959, \$4400 (7-13-59).
- FLORES, JOSEPH S., Associate Professor of Spanish, $\frac{1}{2}$ time, two months from June 16, 1959, \$923; this is in addition to his regular appointment (7-9-59).
- FOTHERGILL, WILLIAM, JR., Instructor in Art, academic year beginning September 1, 1959, \$6200 (9-1-59).
- FREITAG, JOAN K., Instructor in Home Economics (C), academic year beginning September 1, 1959, \$4500 (8-25-59).
- FREYER, WARREN R., Instructor in English (Chicago Undergraduate Division), academic year beginning September 1, 1959, \$6200 (7-13-59).
- FRIERMOOD, MARGARET J., Resident Assistant in Arbor Suites, ten months from August 24, 1959, \$1600; for the convenience of the University, she will also be furnished board and room while on duty (7-22-59).
- FULLER, HARRY J., Professor of Botany, one month from August 1, 1959, \$1288.88 (8-7-59).
- GANTT, MARGARET E., Research Associate in Medicine (Medicine), one year from September 1, 1959, \$6600 (8-25-59).
- GAYLIN, RITA, Assistant in Audiology (Department of Otolaryngology) (Medicine), one year from September 1, 1959, \$5200 (8-1-59).
- GERSON, STANLEY J., Instructor in Oral Pathology (Dentistry), one year from September 1, 1959, \$7500 (8-1-59).
- GLADISH, DAVID, Assistant in English, nine months from September 16, 1959, \$4000 (7-17-59).
- GOLDBERG, STANLEY I., Research Associate in Chemistry, August 16, 1959-August 31, 1960, \$5370 a year (7-21-59).
- GOLDSMITH, HENRY J., Research Associate in Medicine (Medicine), one year from September 1, 1959, \$6000 (7-21-59).

- GOLDSTEIN, HERBERT, Associate Professor of Education, in the College of Education on $\frac{1}{2}$ time and in the Institute for Research on Exceptional Children on $\frac{1}{2}$ time, on indefinite tenure beginning September 1, 1959, to render service during each academic year, \$7900 a year, supersedes (8-7-59).
- GONZALEZ, MANUEL C., Research Assistant in Radiology (Dentistry), one year from September 1, 1959, \$5000 (7-22-59).
- GOODWIN, HAROLD A., Research Associate in Chemistry, September 16, 1959-August 31, 1960, \$6000 a year, supersedes (7-31-59).
- GOTTLIEB, SEYMOUR L., Instructor in Radiology (Dentistry), $\frac{1}{2}$ time, July 1, 1959-August 31, 1960, \$3500 a year (7-31-59).
- GRANT, PAUL B., JR., Instructor in Economics (Chicago Undergraduate Division), academic year beginning September 1, 1959, \$4500 (7-31-59).
- GRAY, MRS. MARY T., Research Assistant in the Digital Computer Laboratory, nine months from September 16, 1959, \$3600 (8-15-59).
- GREENBERG, RUVEN, Associate Professor of Physiology (Medicine), August 16, 1959-September 15, 1959, \$1072; this is in addition to his present appointment (8-14-59).
- GREENWOOD, GEORGE W., Research Associate in Civil Engineering, Bureau of Community Planning, academic year beginning September 1, 1959, \$6000 (7-22-59).
- GRIBBENS, LORRAINE E., Registered Pharmacist and Research Associate in Manufacturing Pharmacy (Pharmacy), one year from September 1, 1959, \$6000 (8-10-59).
- GRIMM, CLYDE, Assistant in English, nine months from September 16, 1959, \$3800 (7-22-59).
- GRUBERT, HEINRICH, Research Associate in Chemistry, September 1, 1959-February 15, 1960, \$447.50 a month (7-17-59).
- GRUNAU, JOHN A., Research Associate in Chemistry, one year from September 1, 1959, \$6000 (7-31-59).
- GUTHER, HAROLD D., Assistant Extension Editor and Assistant Professor of Agricultural Extension (E), $\frac{3}{4}$ time, September 16, 1959-January 31, 1960, \$6525 a year, and full time, February 1, 1960-August 31, 1961, \$8700 a year, supersedes (8-25-59).
- GUNSALUS, IRWIN C., Professor of Biochemistry, on indefinite tenure beginning September 1, 1959, \$19,000 a year, supersedes (8-1-59).
- GUNTHER, RICHARD I., Instructor in Crown and Fixed Partial Dentures (Dentistry), $\frac{1}{2}$ time, one year from September 1, 1959, \$3500, supersedes (8-5-59).
- GUPTA, SUSHIL C., Research Associate in Plant Pathology (S), one year from September 1, 1959, \$5500 (8-25-59).
- GUTTER, YAKIR, Research Assistant in Plant Pathology (S), one year from September 1, 1959, \$4400 (8-10-59).
- HANDLER, PAUL, Assistant Professor of Electrical Engineering and of Physics (C), two years from September 1, 1959, to render service during each academic year, \$8500 a year, supersedes (8-28-59).
- HANNAH, HAROLD W., Professor of Agricultural Law and Consultant to the Administrator, U. P. Agricultural University in India, four months from August 1, 1959, \$1333.34 a month; this is in addition to his appointment as Professor of Agricultural Law in the Department of Agricultural Economics (8-7-59).
- HART, ALICE G., Visiting Lecturer in Education (University High School), ten months from August 16, 1959, \$5000, supersedes (7-20-59).
- HART, EMILY S., Research Assistant in Chemistry, one year from September 1, 1959, \$4900 (8-7-59).
- HARVEY, ROBERT O., Associate Professor of Finance, full time from July 1-31, 1959, and $\frac{1}{2}$ time from August 1-15, 1959, \$1390 for the period; this is in addition to his present appointment (7-22-59).
- HASLETT, JARED W., Instructor in Physics (Chicago Undergraduate Division), academic year beginning September 1, 1959, \$6300 (7-13-59).
- HATCH, GAYLORD F., Assistant in History of Civilization (Division of General Studies), nine months from September 16, 1959, \$3800 (7-31-59).
- HAZEWINKEL, AART, Research Assistant in Psychology and in the Bureau of Educational Research, nine months from September 16, 1959, \$3600 (8-25-59).
- HAZLETT, THOMAS C., Research Associate in City Planning and Landscape Archi-

- lecture, three months from June 16, 1959, two months on $\frac{1}{4}$ time and one month on full time, at the rate of \$666.66 a month; this is in addition to his present appointment (7-25-59).
- HEDGES, ROBERT A., Associate Professor of Finance, indefinite tenure, September 1, 1959; $\frac{1}{2}$ time and $\frac{1}{2}$ salary from September 1, 1959, through August 31, 1960, \$4000; on leave of absence $\frac{1}{2}$ time without pay from September 1, 1959, through August 31, 1960; and Ford Foundation Faculty Fellow for one year from September 1, 1959, \$5778, at a total salary of \$9778 (8-7-59).
- HENDRIX, GERTRUDE, Research Assistant Professor of Education (University High School), four months from May 1, 1959, \$916.67 a month, supersedes (7-31-59).
- HERFORD, JULIUS, George A. Miller Visiting Lecturer in Music, October 19-24, 1959, and April 18, 1960-May 8, 1960, \$2000 (7-15-59).
- HINCHCLIFF, MRS. BETHEL A., Assistant to the Dean of Women, $\frac{1}{2}$ time, nine months from September 16, 1959, \$1900 (8-25-59).
- HODGMAN, DONALD R., Associate Professor of Economics, indefinite tenure, September 1, 1959: $\frac{1}{2}$ time and $\frac{1}{2}$ salary from September 1, 1959, through August 31, 1960, \$4750; on leave of absence $\frac{1}{2}$ time without pay from September 1, 1959 through August 31, 1960; and Ford Foundation Faculty Fellow for one year from September 1, 1959, \$6862, a total salary of \$11,612 (8-7-59).
- HOFFMAN, RICHARD L., Instructor in Histology (Dentistry), $\frac{3}{5}$ time, one year from September 1, 1959, \$4500 (8-1-59).
- HOPKINS, JERRY D., Assistant in English for Foreign Students, nine months from September 16, 1959, \$4100 (7-22-59).
- HORNBECK, PETER L., Instructor in City Planning and Landscape Architecture, to render service during the first semester of the academic year, September 1, 1959-February 29, 1960, \$2900 (7-31-59).
- HOSLER, E. RAMON, Instructor in Chemical Engineering, $\frac{1}{2}$ time, academic year beginning September 1, 1959, \$2800 (8-1-59).
- HOWELL, ROBERT W., Visiting Assistant Professor of Botany, $\frac{1}{2}$ time, to render service during the second semester of the academic year, February 1-June 15, 1960, \$3800 (8-7-59).
- HUBBARD, O'DEAN, Research Assistant in Food Technology (S), July 1, 1959-August 31, 1960, \$5500 a year, supersedes (7-17-59).
- HUTCHINSON, JAMES G., Research Assistant in Sociology, one year from September 1, 1959, \$6250 (8-28-59).
- ICHIMURA, SHOJI, Research Associate in Botany, one year from September 1, 1959, \$5900, supersedes (8-31-59).
- JACOBS, NICHOLAS J., Research Associate in Dairy Science (C and S), one year from September 1, 1959, \$6000 (8-7-59).
- JANES, ROBERT W., Associate Professor of Sociology, one month from August 1, 1959, \$844.45; this is in addition to his present appointment (7-31-59).
- JOHN, KARL O., Research Associate in Chemistry, September 1, 1959-April 15, 1960, \$500 a month, supersedes (8-7-59).
- JOHNSON, DALE R., Instructor in Architecture, academic year beginning September 1, 1959, \$5800 (8-26-59).
- JOHNSON, FALK S., Assistant Professor of English (Chicago Undergraduate Division), Summer Session of 1959, June 19-August 14, 1959, \$1600 for the period (7-10-59).
- JOHNSON, HELEN F., Assistant in Home Economics (S), one year from September 1, 1959, \$5500 (8-7-59).
- JONES, DOUGLAS M. A., Research Associate in the State Water Survey, ten months from September 1, 1959, \$7500 a year (8-7-59).
- JONES, ROBERT E., Lecturer in Psychology, with rank of Assistant Professor, one year from September 1, 1959, without salary (7-31-59).
- JORDAN, LAURA, Research Associate in the Institute for Research on Exceptional Children, two months from July 1, 1959, \$500 a month, supersedes (7-14-59).
- JUGENHEIMER, ROBERT W., Professor of Plant Genetics (Agronomy), indefinite tenure; Assistant Dean of the College of Agriculture, Assistant Director of the Agricultural Experiment Station, and Assistant Coordinator of International Cooperation Administration Programs, July 1, 1959-August 31, 1961, at an annual salary of \$12,500, supersedes (7-20-59).

- KABLER, MILTON M., Research Associate in Mining and Metallurgical Engineering (C), one year from September 1, 1959, \$6500 (8-1-59).
- KAY, JACK G., Instructor in Inorganic Chemistry, academic year beginning September 1, 1959, \$5900 (7-31-59).
- KEMMERER, HARLEIGH R., Instructor in Horticulture (C and S) and in the Physical Plant, two months from July 1, 1959, \$1283.34 (8-25-59).
- KEY, JOE L., Research Associate in Chemistry, seven months from August 1, 1959, \$458.34 a month (8-15-59).
- KIMOVEC, FRANC, Instructor in Radiology (Medicine), $\frac{3}{5}$ time, two months from July 1, 1959, \$300 a month (7-22-59).
- KLAIN, GEORGE, Assistant in Animal Science (S), two months from July 1, 1959, \$366.66 a month, supersedes (8-1-59); and two months from September 1, 1959, \$366.67 a month (8-7-59).
- KLAPPERICH, A. J., Assistant Professor of Electrical Engineering (Chicago Undergraduate Division), Summer Session of 1959, June 22-August 14, 1959, \$1445 for the period (7-10-59).
- KLASSEN, PETER P., Professor of Social Sciences (Chicago Undergraduate Division), Summer Session of 1959, June 19-August 14, 1959, $\frac{1}{2}$ time, \$956 for the period, supersedes his previous Summer Session appointment (7-10-59).
- KOELLING, ALFRED C., Assistant in Botany, nine months from September 16, 1959, \$3600 (8-7-59).
- KOKATNUR, MOHAN, Assistant in Food Technology (S), July 15-August 31, 1959, \$416.66 a month (7-17-59).
- KRIEGER, JULIUS P., Instructor in Veterinary Pathology and Hygiene (College of Veterinary Medicine) and in Veterinary Research (Agricultural Experiment Station), $\frac{3}{4}$ time, one year from September 1, 1959, \$4350, supersedes (8-25-59).
- KRISHNA, KUMAR, Assistant in Biological Sciences (Chicago Undergraduate Division), nine months from September 16, 1959, \$4200 (8-28-59).
- KUZMANIC, BETTY J., Instructor in Mathematics (Chicago Undergraduate Division), $\frac{1}{2}$ time, academic year beginning September 1, 1959, \$2400 (7-13-59).
- LANCE, MRS. BETTY R. G., Instructor in Spanish, academic year beginning September 1, 1959, \$5500 (8-1-59).
- LANGDON, MRS. MARJORIE M., Assistant in Student Counseling Service (Provost's Office), one year from September 1, 1959, \$5500 (8-14-59).
- LARSON, MARILYN, Assistant in Veterinary Pathology and Hygiene (College of Veterinary Medicine) and in Veterinary Research (Agricultural Experiment Station), one year from September 1, 1959, \$4400 (8-25-59).
- LASCHOVER, ROBERT R., Research Associate in Mechanical Engineering (C), August 10, 1959-August 31, 1960, \$7500 a year (7-22-59).
- LASHER, SIM, Instructor in Mathematics (Chicago Undergraduate Division), academic year beginning September 1, 1959, \$5600 (7-17-59).
- LAWSON, JOAN C., Instructor in English (Chicago Undergraduate Division), to render service during the first semester of the academic year, September 1, 1959-January 31, 1960, \$2250 (7-31-59).
- LEICHNER, GENE H., Assistant Professor in the Measurement Program (S), $\frac{1}{2}$ time, two months from June 16, 1959, \$778 for the period; this is in addition to his present appointment (7-22-59).
- LEWIS, OSCAR, Professor of Anthropology and Associate Member in the Center for Advanced Study in the Graduate College for one year from September 1, 1959, services to be rendered on the basis of twelve months except for allowable vacation, \$13,690 for the year; Professor of Anthropology on indefinite tenure beginning September 1, 1960, annual salary of \$11,200, services to be rendered during the academic year (7-31-59).
- LINGARD, DONALD R., Instructor in Veterinary Clinical Medicine (College of Veterinary Medicine) and in Veterinary Research (Agricultural Experiment Station), one year from September 1, 1959, \$6400, supersedes (8-28-59).
- LINNEMAN, WILLIAM, Assistant in English, nine months from September 16, 1959, \$3800 (7-22-59).
- LUCZYNSKI, WALTER T., Instructor in History, academic year beginning September 1, 1959, \$5000 (7-17-59).
- LUTTON, WILLIAM R., Instructor in Foreign Languages (Chicago Undergraduate Division), academic year beginning September 1, 1959, \$4600, supersedes (8-28-59).

- LYKE, JAMES B., Instructor in Music, academic year beginning September 1, 1959, \$5700 (8-25-59).
- MACKLER, HYMAN, Research Associate in Preventive Medicine (Medicine), six months from July 1, 1959, \$8040 a year (7-21-59).
- MAISER, BARBARA, Research Assistant in Chemistry, one year from September 16, 1959, \$4800 (7-22-59).
- MAJER, JAMES A., Assistant in Physical Education for Men (Chicago Undergraduate Division), nine months from September 16, 1959, \$4200, in addition to \$500 paid from Student Athletic Activities, total salary, \$4700 (7-13-59).
- MAKSUD, MICHAEL G., Instructor in Physical Education for Men (Chicago Undergraduate Division), academic year beginning September 1, 1959, \$4800, in addition to \$600 paid from Student Athletic Activities, total salary \$5400 (7-13-59).
- MARSH, JOHN O., Assistant Professor of Foreign Languages (Chicago Undergraduate Division), Summer Session of 1959, June 19-August 14, 1959, \$1423 for the period, supersedes his previous Summer Session appointment (7-10-59).
- MARTELL, MICHAEL J., JR., Research Associate in Chemistry, one year from September 1, 1959, \$5400 (8-15-59).
- MARK, WERNER, Instructor in German, academic year beginning September 1, 1959, \$5000 (7-17-59).
- MATCHETT, WILLIAM H., Research Assistant in Botany, full time for two months from July 1, 1959, \$410 a month, and $\frac{1}{2}$ time for ten months from September 1, 1959, \$205 a month (7-22-59).
- MCCLELLAND, DAN R., Adjutant in the Department of Military Science and Tactics (Army ROTC), $\frac{1}{10}$ time, August 1, 1959-August 31, 1960, \$600 a year (7-31-59).
- MCDONALD, GERALD O., Assistant Professor of Surgery (Medicine), $\frac{9}{10}$ time, two months from July 1, 1959, \$625 a month (8-14-59).
- MCGRATH, BARBARA, Research Assistant in Home Economics (S), one year from September 1, 1959, \$4800 (8-7-59).
- MCINTYRE, LUCY MAY S., Resident Assistant in Arbor Suites, ten months from August 24, 1959, \$1600; for the convenience of the University, she will also be furnished board and room while on duty (7-20-59).
- MCKINNON, DANA G., Assistant in English, nine months from September 16, 1959, \$3600 (7-22-59).
- MCMAHON, PAUL E., Spectroscopist in the Department of Chemistry and Chemical Engineering on $\frac{1}{2}$ time, and Research Assistant in Chemistry on $\frac{1}{4}$ time (College of Liberal Arts and Sciences, Graduate College), one year from September 1, 1959, \$4100, supersedes (8-25-59).
- MCMULLEN, STEWART Y., Professor of Management on indefinite tenure, and Head of the Department for two years, from September 1, 1959, \$20,000 a year (7-20-59).
- MCPHERSON, MURRAY B., Professor of Hydraulic Engineering (Civil Engineering) (C), August 26-August 31, 1959, \$215 (7-21-59).
- MEYEROWITZ, JOSEPH H., Research Associate in the Institute for Research on Exceptional Children, one year from September 1, 1959, \$6000 (8-25-59).
- MICHAELSEN, ROGER C., Instructor in Full and Removable Partial Dentures (Dentistry), $\frac{1}{2}$ time, one year from September 1, 1959, \$3300 (8-1-59).
- MIKOLAJCZYK, HENRY L., Associate Professor of Architecture (Chicago Undergraduate Division), Summer Session of 1959, June 22-August 14, 1959, \$1940 for the period (7-10-59).
- MILLER, LAURENCE H., Catalog Assistant in the Library, one year from September 1, 1959, \$5000 (8-25-59).
- MILLER, SOL, Research Assistant in Anthropology, five months from September 1, 1959, \$366.67 a month (7-20-59).
- MINAMI, KAZUMORI, Research Associate in Chemistry, one year from September 1, 1959, \$5370 (7-21-59).
- MIRON, MURRAY, Research Associate in the Institute of Communications Research (College of Journalism and Communications), $\frac{4}{5}$ time, academic year beginning September 1, 1959, \$4000 (7-31-59).
- MITCHELL, GRAHAM, Assistant in English for Foreign Students, nine months from September 16, 1959, \$4200 (7-22-59).

- MITRI, TALAAT K., Research Assistant in the State Natural History Survey, $\frac{1}{2}$ time for nine months from September 1, 1959, and full time for three months from June 1, 1960, full time salary at the rate of \$370 a month (7-31-59).
- MIYAMOTO, SHIGERU, Research Assistant in Psychiatry (Medicine), one year from September 1, 1959, \$4500 (8-1-59).
- MIZUKAMI, HIROSHI, Research Assistant in Botany, August 16-August 31, 1959, \$200 (9-1-59).
- MONTCALM, BENEDICT W., Instructor in Physical Education for Men (Chicago Undergraduate Division), $\frac{1}{2}$ time, June 19-August 31, 1959, \$623; this is in addition to his present appointment (7-9-59).
- MOORE, ALVIN D., Instructor in Art, academic year beginning September 1, 1959, \$5800 (9-1-59).
- MORINAGA, KENICHI, Research Associate in Chemistry, one year from September 1, 1959, \$5500 (7-31-59).
- MOSES, MRS. DOROTHY H., Research Assistant in Anatomy (Medicine), eleven months from August 1, 1959, \$4500 a year (7-24-59).
- MULVANEY, JAMES E., Research Associate in Chemistry, September 1, 1959-February 29, 1960, \$500 a month, supersedes (8-13-59).
- MURPHY, KENNETH H., Assistant Professor of Mathematics (Chicago Undergraduate Division), Summer Session of 1959, June 19-August 14, 1959, \$1378 for the period (7-10-59).
- MURRELL, THOMAS A., Associate Professor of Electrical Engineering, in the Department of Electrical Engineering on $\frac{1}{2}$ time and in the Digital Computer Laboratory on $\frac{1}{2}$ time, indefinite tenure beginning September 1, 1959, to render service during each academic year, \$8700 a year, supersedes (8-25-59).
- MUVDI, BICHARA B., Research Associate in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, February 1-June 15, 1960, to render service during the second semester of the academic year, \$1251 (8-1-59).
- NACHTMANN, FRANCIS W., Assistant Professor of French and Coordinator of the Language Laboratory, two years from September 1, 1959, to render service during each academic year, \$6800 a year (8-7-59).
- NAKAYAMA, TEISHI, Research Associate in Chemistry, one year from September 1, 1959, \$5800 (8-7-59).
- NODA, KENICHI, Research Associate in Psychiatry (Medicine), one year from September 1, 1959, \$5500 (7-22-59).
- NOJIMA, SHOSHICHI, Research Associate in Chemistry, one year from September 1, 1959, \$5700 (8-10-59).
- O'CONNELL, JAMES S., Research Associate in Physics (C), $\frac{1}{2}$ time, one year from September 1, 1959, \$3250, supersedes (8-28-59).
- O'DONNELL, BERNARD, Assistant in English, nine months from September 16, 1959, \$3600 (7-22-59).
- OHMURA, TAKAO, Research Associate in Agronomy (S), four months from July 1, 1959, \$1800 (7-22-59).
- OLSEN, (MISS) FURUZAN, Commerce and Sociology Library Assistant, with rank of Instructor, one year from September 1, 1959, \$5800 (8-14-59).
- OPDAHL, KEITH, Assistant in English, nine months from September 16, 1959, \$3800 (7-22-59).
- ORLINSKY, NANCY, Research Associate in Psychiatry (Medicine), July 15, 1959-August 31, 1960, \$6250 a year (7-22-59).
- ORVEDAHL, JESSE A., Research Associate in Education (University High School), ten months from September 1, 1959, \$6000 (9-1-59).
- OSSMAN, EDWARD T., Assistant in Accountancy (Chicago Undergraduate Division), nine months from September 16, 1959, \$3800 (8-7-59).
- PABARCUS, ALGIS, Instructor in Theoretical and Applied Mechanics (Chicago Undergraduate Division), Summer Session of 1959, June 22-August 14, 1959, \$1356 for the period (7-10-59).
- PADEN, DONALD W., Professor of Economics (Department of Economics, Department of Sociology and Anthropology, and Provost's Office), June 15-August 14, 1959, \$2223; this is in addition to his present appointment (8-7-59).
- PAINTER, NORMAN W., Lecturer in Sociology, academic year beginning September 1, 1959, \$7200 (8-26-59).
- PARÉ, EILEEN, Instructor in Chemistry (Chicago Undergraduate Division), academic year beginning September 1, 1959, \$5000 (8-28-59).

- PARTCH, HARRY, Research Associate in Music, one year from June 16, 1959, \$5500 (7-22-59).
- PATTERSON, BRAXTON I., Instructor in Economics, academic year beginning September 1, 1959, \$6500 (8-7-59).
- PEYTON, ANN, Assistant in English (Chicago Undergraduate Division), nine months from September 16, 1959, \$4200 (7-13-59).
- PFLDERER, MARILYN R., Instructor in Music, academic year beginning September 1, 1959, \$5800 (8-7-59).
- PHILLIPPE, MRS. MARY R., Research Assistant in Plant Pathology (S), July 1, 1959-August 31, 1960, \$4400 a year (7-17-59).
- PHILLIPS, CLARENCE A., Assistant Professor of Mathematics, two years from September 1, 1959, to render service during each academic year, \$6500 a year (7-31-59).
- PORTER, MAURICE G., Instructor in Civil Engineering (C), $\frac{1}{2}$ time, academic year beginning September 1, 1959, \$3200 (7-31-59).
- POWNALL, GEORGE A., Research Assistant in Sociology, one year from September 1, 1959, \$5800, supersedes (8-25-59).
- PRENSKY, WOLF, Assistant in Agronomy (S), July 1-September 15, 1959, \$400 a month (7-22-59).
- PRESTIPINO, FRANK E., Instructor in Medicine (Medicine), for one year from July 1, 1959, without salary, supersedes salaried appointment (7-21-59).
- PRINCIC, WALTER, Assistant in English, nine months from September 16, 1959, \$3800 (7-22-59).
- PROFF, FRED C., Associate Professor of Education, August 9-22, 1959, \$433.50; this is in addition to his present appointment (7-28-59).
- REED, MARY, Assistant in English (Chicago Undergraduate Division), September 16, 1959-January 31, 1960, \$2100 (8-28-59).
- REIMAN, DONALD, Assistant in English, nine months from September 16, 1959, \$3800 (7-22-59).
- RICHARDSON, JOHN F., Associate Professor of Art (Chicago Undergraduate Division), Summer Session of 1959, June 22-August 14, 1959, \$1794 for the period (7-10-59).
- RICHEY, ROBERT D., Assistant in Education (University High School), nine months from September 16, 1959, \$5200 a year (8-25-59).
- RIMBEY, DONALD H., Instructor in General Engineering (C), academic year beginning September 1, 1959, \$5600 (7-22-59).
- ROBERTS, JOHN, Assistant in English, nine months from September 16, 1959, \$3800 (7-22-59).
- ROBINSON, GEORGE A., JR., Research Associate in Education (University High School), academic year beginning September 1, 1959, \$4500 (8-12-59).
- ROOTS, BETTY I., Research Associate in Physiology, one year from August 1, 1959, \$4000 (8-25-59).
- ROSENSTEIN, DOROTHY, Instructor in Social Work, academic year beginning September 1, 1959, \$6000 (7-17-59).
- ROTMAN, JOSEPH J., Research Associate in Mathematics, academic year beginning September 1, 1959, \$5500 (7-20-59).
- RUST, VELMA I., Assistant in Education, $\frac{1}{2}$ time, June 15-August 8, 1959, \$500; this is in addition to her $\frac{1}{2}$ time Summer Session appointment (7-21-59).
- SANCHEZ, JOSE, Associate Professor of Foreign Languages (Chicago Undergraduate Division), June 19-August 31, 1959, \$1756 for the period (7-10-59).
- SASAKI, TEIICHI, Research Associate in Chemistry, one year from September 1, 1959, \$5700 (8-7-59).
- SAVAGE, SCOTT M., Assistant in Agronomy (S), two months from July 1, 1959, \$400 a month, supersedes (7-22-59).
- SCHMEROLD, WILFRIED L., Assistant in Dermatology (Medicine), ten months from September 1, 1959, without salary (7-24-59).
- SCHMIDT, FRED H., Research Assistant in Entomology, two months from June 16, 1959, \$400 a month, supersedes (7-31-59).
- SCHWEMM, MRS. BARBARA, Research Assistant in Chemistry, July 16-September 30, 1959, \$1000 (7-24-59).
- SEIDEN, ESTHER, Research Associate in the Digital Computer Laboratory, two months from June 16, 1959, \$555.55 a month (7-15-59).
- SEMBA, TAKENHIKO, Research Assistant in Physiology, June 1-September 15, 1959, \$400 a month (7-22-59).

- SHARAF, HUSSEIN A., Research Assistant in Accountancy, one year from August 1, 1959, \$5000 (8-7-59).
- SHEKELLE, RICHARD B., Research Associate in Psychiatry (Medicine), July 1, 1959-August 31, 1960, \$6500 a year (7-24-59).
- SHEPPARD, ALAN J., Assistant in Animal Science (S), two months from July 1, 1959, \$366.66 a month (8-3-59).
- SHKLAIR, IRVING L., Research Associate in Applied Materia Medica and Therapeutics (Dentistry), 1/10 time, July 1, 1959-August 31, 1960, \$800 a year (7-22-59).
- SIMS, FAY M., Research Associate in Farm Management (Agricultural Economics) (S), one year from September 1, 1959, \$7000, supersedes (8-31-59).
- SMITH, ROBERT J., Instructor in English (Chicago Undergraduate Division), 1/2 time, academic year beginning September 1, 1959, \$2400 (7-13-59).
- SOHN, MARJORIE A., Instructor in Home Economics (E), one year from September 1, 1959, \$6300 (8-13-59).
- SOPHIANOPOULOS, ALKIS J., Research Associate in Chemistry, one year from September 1, 1959, \$6000 (8-15-59).
- SOPHIANOPOULOS, JUDITH, Research Associate in Chemistry, one year from September 1, 1959, \$5400 (8-12-59).
- SQUIRE, JAMES R., Assistant Professor of English, 1/3 time, two years from September 1, 1959, to render service during each academic year, \$2300 a year (8-25-59).
- STANACEV, NIKOLA Z., Research Associate in Chemistry, one year from September 1, 1959, \$5600 (8-7-59).
- STEIER, WILLIAM H., Research Assistant in Electrical Engineering (S), one year from September 1, 1959, \$5400 (7-31-59).
- STEIN, HERBERT J., Instructor in Electrical Engineering (C), 1/2 time, academic year beginning September 1, 1959, \$2200; this is in addition to his Television Shares Management Corporation Teaching Fellow in Electrical Engineering appointment (8-26-59).
- STEWART, CHARLES L., Consultant, Guide Lines for Appraisals (Agricultural Economics) (S), 1/2 time, one year from September 1, 1959, \$6300 (8-28-59).
- STOEDEFALKE, LURA A. H., Instructor in Home Economics (C), academic year beginning September 1, 1959, \$5100 (8-7-59).
- STRATTON, JOHN R., Research Assistant in Sociology, September 1-September 15, 1959, \$200 (8-15-59).
- STREET, BETTY A., Instructor in Home Economics (C), academic year beginning September 1, 1959, \$4500 (8-7-59).
- SUAMI, TETSUO, Research Associate in Chemistry, September 1, 1959-February 29, 1960, \$5700 a year (8-7-59).
- SULLIVAN, DENIS G., Instructor in Political Science, academic year beginning September 1, 1959, \$6000 (8-28-59).
- SYDNOR, RICHARD L., Research Associate in Electrical Engineering (S), one year from September 1, 1959, \$7870 (7-31-59).
- TALBOT, GEORGE A., Assistant in Sociology, two months from June 16, 1959, \$800 (7-14-59).
- TANG, CHIEN-HUI, Research Assistant in Electrical Engineering (S), one year from September 1, 1959, \$5000 (7-28-59).
- TASCHINI, PIER A., Research Associate in Medicine (Medicine), one year from September 1, 1959, \$7500 (7-13-59).
- TELLING, MRS. FERN H., Resident Assistant in Arbor Suites, ten months from August 24, 1959, \$1600; for the convenience of the University, she will also be furnished board and room while on duty (7-20-59).
- TENNERY, VICTOR J., Research Assistant Professor of Ceramic Engineering (S), June 29-August 31, 1959, \$708.33 a month, supersedes; and for one year from September 1, 1959, \$8500 (7-17-59).
- TESTA, DANIEL P., Assistant in Spanish, academic year beginning September 1, 1959, \$4600 (8-7-59).
- THARIN, JAMES C., Instructor in Physical Science (Division of General Studies), academic year beginning September 1, 1959, \$5100 (8-13-59).
- THOMAS, RUTH, Assistant in Physical Education for Women (Chicago Undergraduate Division), nine months from September 16, 1959, \$4700 (7-13-59).
- THORNTON, HUBERT R., Research Associate in Ceramic Engineering (S), 1/2 time, one year from September 1, 1959, \$3150 (7-28-59).

- TORT, FERDINA J., Instructor in Foreign Languages (Chicago Undergraduate Division), Summer Session of 1959, June 19-August 14, 1959, \$1200 for the period, supersedes previous Summer Session appointment (7-10-59).
- TRAXLER, MARJORIE D., Instructor in Chemistry (Chicago Undergraduate Division), academic year beginning September 1, 1959, \$5000 (7-13-59).
- TSUCHIYAMA, HIDEO, Research Assistant in Food Technology (S), one year from September 1, 1959, \$5000 (7-17-59).
- TUCKER, ROBERT H., Instructor in Architecture, academic year beginning September 1, 1959, \$5500 (8-7-59).
- TUNG, (MISS) KUO FANG, Assistant in Land Economics (Agricultural Economics) (S), two months from July 1, 1959, \$888.88 (7-9-59).
- VAN HORN, CHARLES J., Research Associate in Education (University High School), July 1, 1959-August 31, 1960, \$10,000 a year (7-31-59).
- VAN NOTE, ROY N., Bibliographer, with rank of Instructor, in the Library, $\frac{1}{2}$ time for nine months from September 1, 1959, \$233.33 a month, and full time for three months from June 1, 1960, \$466.66 a month, supersedes (8-13-59).
- VARANDANI, P. T., Research Assistant in the Radiocarbon Laboratory, one year from September 1, 1959, \$5200 (7-31-59).
- VELETSOS, ANESTIS S., Associate Professor of Civil Engineering (S), two months from July 16, 1959, \$1800; this is in addition to his present appointment (8-25-59).
- VOGEL, HERWARD A., Research Associate in Chemistry, one year from August 1, 1959, \$6000 (7-31-59).
- WALKER, RALPH, Assistant in English for Foreign Students, nine months from September 16, 1959, \$4400 (7-22-59).
- WANG, MAW SHIU, Research Assistant in Soils (Agronomy) (S), one year from September 1, 1959, \$5000 (8-25-59).
- WARD, DAVID A., Research Assistant in Sociology, one year from September 1, 1959, \$5800, supersedes (8-25-59).
- WARE, EDWARD E., Research Associate in the Institute of Communications Research, $\frac{3}{4}$ time, \$4425; and Instructor in Journalism, $\frac{1}{4}$ time, \$1475, total salary \$5900, for the academic year beginning September 1, 1959 (8-1-59).
- WARWARUK, ALEXANDRA, Research Assistant in Agricultural Entomology (S), July 1, 1959-August 31, 1960, \$4400 a year (7-17-59).
- WEINBERG, MARILYN G., Assistant in Medicine (Medicine), one year from September 1, 1959, \$5050 (8-10-59).
- WERDELIN, INGVAR K., Visiting Lecturer in Education (University High School), ten months from August 1, 1959, \$4500 (7-22-59).
- WHITE, CARLOS A., Research Assistant in Agricultural Entomology (Graduate College, Illinois Natural History Survey), $\frac{1}{2}$ time, September 1, 1959-May 31, 1960, \$2400 a year, and full time June 1, 1960-August 31, 1960, \$4800 a year (8-25-59).
- WHITENER, ROBERT W., Psychiatrist and Assistant Professor of Hygiene (Health Service), two years from September 1, 1959, \$14,200 a year, supersedes (7-25-59).
- WHITNEY, GREENE R., Research Assistant in Psychiatry (Medicine), July 1, 1959-August 31, 1960, \$4800 a year (7-24-59).
- WICKS, EUGENE C., Instructor in Art, academic year beginning September 1, 1959, \$5400 (9-1-59).
- WILDING, LAWRENCE P., Assistant in Agronomy (S), July 1-September 15, 1959, \$400 a month (8-7-59).
- WILDER, DONALD E., Assistant in Physical Education for Men (Chicago Undergraduate Division), nine months from September 16, 1959, \$4200, in addition to \$500 paid from Student Athletic Activities, total salary \$4700 (7-13-59).
- WILK, KENNETH E., Research Assistant in the State Water Survey, eleven months from August 1, 1959, \$7200 a year, supersedes (8-15-59).
- WILLIAMS, RAYMOND A., Research Assistant in the Digital Computer Laboratory, eleven months from October 1, 1959, \$6000 a year (9-1-59).
- WILSON, HAROLD K., Research Associate in Food Technology (S), one year from September 1, 1959, \$6050, supersedes (8-7-59).
- WILSON, LOWELL E., Assistant in Dairy Marketing (Agricultural Economics) (S), five months from September 1, 1959, \$2033.35 (8-1-59).
- WOLFE, BARBARA V., Assistant in Education (University High School), nine months from September 16, 1959, \$5000 (8-25-59).

- WOODARD, JANICE E., Assistant Extension Editor, with rank of Instructor (E), August 15, 1959-August 31, 1960, \$5800 a year (8-28-59).
 WORKS, ERNEST, Research Associate in Sociology, one year from September 1, 1959, \$6500, supersedes (8-15-59).
 YUSKEN, JOHN W., Research Associate in Radiology (Medicine), July 9-August 31, 1959, \$583.33 a month (7-22-59).

GRADUATE FELLOWS

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

- ARGOUEDELIS, CHRISTOS, United States Public Health Service Fellow (Trainee) in Food Technology, one year from September 1, 1959, \$2200 (8-20-59).
 BAER, DANIEL, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), two months from July 1, 1959, \$300 a month (8-6-59).
 BALLER, ROBERT S., Allergy Foundation of America Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, \$500 (7-13-59).
 BARDASIS, ANGELO, Minnesota Mining and Manufacturing Fellow in Physics, nine months from September 16, 1959, \$2000 (8-26-59).
 BEULIGMANN, RAYMOND F., Motorola Corporation Paul V. Galvin Teaching Fellow in Electrical Engineering, September 16, 1959-January 31, 1960, \$1250 (6-26-59).
 BLUM, HAYWOOD, Allegheny-Ludlum Steel Corporation Fellow in Physics, nine months from September 16, 1959, \$2000 (7-15-59).
 BLUME, ELAINE N., United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), June 22-August 31, 1959, \$600, supersedes (8-6-59).
 BOGDANOVE, L. H., United States Public Health Service Postdoctoral Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), July 15, 1959-August 31, 1960, \$5500 a year (7-13-59).
 BOND, HARLEY W., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1959, \$1800 (7-13-59).
 BOROWITZ, GENE H., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one year from July 1, 1959, \$3000 (7-15-59).
 BRINLING, JOHN C., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1959, \$2000 (7-13-59).
 BURNS, NED H., California Oil Company Fellow in Civil Engineering, nine months from September 16, 1959, \$2000 (8-19-59).
 BUTLER, JOHN S., Ford Foundation Fellow (Trainee) in Mechanical Engineering, nine months from September 16, 1959, \$2000, supersedes (7-29-59).
 CARBERRY, MARTHA M., United States Public Health Service Fellow (Trainee) in Education, two months from June 16, 1959, \$450 (7-20-59); and nine months from September 16, 1959, \$1800 (8-25-59).
 CARLSON, CHARLES G., Procter and Gamble Company Fellow in Chemistry, nine months from September 16, 1959, \$1800 (6-26-59).
 CASTEN, CHRIS P., United States Public Health Service Post-Sophomore Dental Student Research Fellow (Trainee) (Chicago Professional Colleges), one year from July 1, 1959, \$3200 (8-14-59).
 CLIFF, MAY, United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), two months from June 29, 1959, \$600 (7-13-59).
 COOK, GLENN M., Drug and Chemical Industries Teaching Fellow in Chemistry, nine months from September 16, 1959, \$1000, supersedes (7-10-59).
 COOPER, LESLIE M., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1959, \$2400 (8-28-59).
 DOPUCH, NICHOLAS, Ford Foundation Fellow in Accountancy, nine months from September 16, 1959, \$2516 (7-27-59).
 ECKLUND, ROBERT E., United States Public Health Service Postdoctoral Fellow (Trainee) in Medicine (Arthritis and Metabolic Diseases) (Chicago Professional Colleges), one year from July 1, 1959, \$3600 (8-14-59).

- EIBECK, RICHARD E., Victor Chemical Works Fellow in Chemistry, two months from June 16, 1959, \$350, supersedes (8-8-59).
- ENDRES, JOSEPH G., United States Public Health Service Fellow (Trainee) in Food Technology, two months from June 16, 1959, \$183.33 a month (7-13-59).
- FUHRER, MARCUS J., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1959, \$2400 (8-28-59).
- GANNIS, JOSEPH L., JR., United States Public Health Service Fellow (Trainee) in Education, nine months from September 16, 1959, \$2000 (8-25-59).
- GAUSMAN, MRS. MILDRED, Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$4860 (6-24-59).
- GOULD, PHILLIP L., Fellow in Civil Engineering, February 1-June 15, 1960, \$750 (7-6-59).
- HALASZ, MICHAEL F., United States Public Health Service Postdoctoral Fellow (Trainee) in Neuropharmacology (Chicago Professional Colleges), one year from September 1, 1959, \$4500 (8-18-59).
- HART, MRS. ALICE G., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, \$780 (5-8-59).
- JACOBSON, MARCUS, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one year from July 1, 1959, \$3000 (7-15-59).
- JOHNSON, HAROLD J., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1959, \$2400 (8-28-59).
- KAUFMAN, LEE, United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1959, \$2000 (8-28-59).
- KELLY, THOMAS J., Eastman Kodak Company Teaching Fellow in Mechanical Engineering, nine months from September 16, 1959, \$1000 (8-20-59).
- KIESLER, DONALD J., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1959, \$2000 (8-28-59).
- KIM, DONG HOON, United States Public Health Service Fellow (Trainee) in Food Technology, two months from June 16, 1959, \$183.33 a month (7-13-59).
- KIMURA, HIROSHI, American Dairy Association Fellow in Food Technology, nine months from September 16, 1959, \$1500 (8-21-59).
- KOPACZYK, KRYSZYNA, United States Public Health Service Fellow (Trainee) in Food Technology, one year from June 16, 1959, \$2200 (7-16-59).
- KRILL, ALEX, United States Public Health Service Fellow (Trainee) in Ophthalmology (Chicago Professional Colleges), one year from July 1, 1959, \$3520 (7-20-59).
- McCLIMENT, EDWARD R., Union Carbide Corporation Fellow in Physics, nine months from September 16, 1959, \$2100 (8-26-59).
- MENACHOF, IRWIN, United States Public Health Service Fellow (Trainee) in Ophthalmology (Chicago Professional Colleges), one year from July 1, 1959, \$4020 (7-24-59).
- MILLER, HOWARD L., Ford Foundation Fellow in Business, nine months from September 16, 1959, \$2522 (7-27-59).
- MORRIS, CHARLES E., JR., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, \$720, supersedes (7-17-59).
- MURTHA, JOSEPH P., Thomas C. Shedd Teaching Fellow in Civil Engineering, nine months from September 16, 1959, \$2000 (7-8-59).
- MUSLIN, HYMAN, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one year from July 1, 1959, \$3000 (7-15-59).
- PAPAGEORGIS, DEMETRIOS, United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1959, \$2000 (8-28-59).
- PAUL, JAMES W., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1959, \$2300 (8-18-59).
- PETERSON, DEAN G., United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), two months from June 29, 1959, \$600 (7-13-59).
- PIERCE, JAN R., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1959, \$2400 (8-28-59).
- POTTE, CHRISTOPHER, Collins Radio Company Teaching Fellow in Electrical Engineering, nine months from September 16, 1959, \$1500 (6-26-59).

- ROSENE, GORDON, United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), June 22-August 31, 1959, \$591 (8-6-59).
- ROSS, JOAN L., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$4440, supersedes (7-7-59).
- RYAN, WILL, United States Public Health Service Postdoctoral Fellow (Trainee) in Medicine (Arthritis and Metabolic Diseases) (Chicago Professional Colleges), one year from July 1, 1959, \$4500 (7-13-59).
- SALVO, GLORIA, United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1959, \$1800 (7-13-59).
- SCHULMAN, ROBERT E., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1959, \$2000 (8-28-59).
- SIMMONS, RONALD E., Eastman Kodak Company Fellow in Economics, nine months from September 16, 1959, \$2500 (8-7-59).
- SOAN, (MISS) GREGORIA L., Fellow in Law, nine months from September 16, 1959, \$1200 (7-24-59).
- SOLOWAY, HARRY, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), two months from July 1, 1959, \$300 a month (7-13-59).
- STARBUCK, WESLEY C., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1959, \$3200 (7-13-59).
- STEIN, HERBERT J., Television Shares Management Corporation Teaching Fellow in Electrical Engineering, nine months from September 16, 1959, \$2000 (6-29-59).
- TENNY, KENNETH S., United States Public Health Service Fellow (Trainee) in Food Technology, one year from June 16, 1959, \$2200 (7-16-59).
- TVETEN, JOHN L., Minnesota Mining and Manufacturing Company Fellow in Chemistry, nine months from June 16, 1959, \$2000, supersedes (8-7-59).
- VANMETER, WILLIAM, United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1959, \$2300 (8-18-59).
- WACASER, LAWRENCE K., United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), two months from June 16, 1959, \$600 (7-13-59).
- WALKER, BRIAN L. H., United States Public Health Service Fellow (Trainee) in Food Technology, one year from September 1, 1959, \$2200 (8-20-59).
- WRIGHT, ROBERT E., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, September 16, 1959-January 31, 1960, \$1000 (8-28-59).
- YANO, NOBUMITSU, United States Public Health Service Fellow (Trainee) in Food Technology, two months from June 16, 1959, \$183.33 a month (7-13-59); and one year from September 1, 1959, \$2200 (8-20-59).
- YOUNGQUIST, GORDON R., Minnesota Mining and Manufacturing Company Fellow in Chemical Engineering, nine months from September 16, 1959, \$2000, supersedes (8-7-59).

CANCELLATIONS, DECLINATIONS, AND RESIGNATIONS

- AGOSTA, WILLIAM C., Postdoctoral Fellow in Chemistry — resignation effective September 1, 1959.
- AINSWORTH, STANLEY, Research Associate in Botany — declination effective September 1, 1959.
- BANKS, EDWIN M., Assistant Professor of Animal Science — resignation effective July 1, 1959.
- BECK, RICHARD J., Instructor in General Engineering — resignation effective September 1, 1959.
- BERNHARDT, BERNADINE A., Instructor in Home Economics — resignation effective September 1, 1959.
- BOYLE, PAUL O., Assistant Professor of Applied Materia Medica and Therapeutics (Dentistry) — resignation effective September 1, 1959.
- BRADFORD, VIRGIL E., Research Assistant in Ceramic Engineering — resignation effective August 28, 1959.
- BREGMAN, ELEANOR T., Research Assistant in Surgery (Medicine) — declination effective September 1, 1959.

- BRENNER, HOWARD B., Physician in the Health Service (Chicago Professional Colleges) — resignation effective August 1, 1959.
- BUCKMAN, CHARLES M., Instructor in Clinical Dentistry (Dentistry) — resignation effective September 1, 1959.
- BUCKNALL, BARBARA J., Catalog Assistant in the Library — resignation effective September 1, 1959.
- CARSON, ARTHUR M., Instructor in Mechanical Engineering — resignation effective September 1, 1959.
- CASSIDY, SALLY A., Illini Union Browsing Room Librarian, with rank of Instructor — declination effective September 1, 1959.
- CHEN, MRS. HAN-LIN HWANG, Assistant in Home Economics — resignation effective September 1, 1959.
- CHRYSSAFOPOULOS, NICHOLAS, Assistant Professor of Civil Engineering — resignation effective September 1, 1959.
- CROSS, K. PATRICIA, Assistant Dean of Women — resignation effective September 1, 1959.
- DOBEREINER, DAVID A., Instructor in Architecture — resignation effective September 1, 1959.
- DOSICK, MARTIN L., Research Assistant in Sociology — declination effective September 1, 1959.
- EBNER, MRS. DOROTHY C., Research Assistant in Home Economics — resignation effective September 1, 1959.
- EDWARDS, BRUCE, Assistant Professor of Economics — resignation effective September 1, 1959.
- FLANAGAN, HUGH J., Instructor in Crowns and Fixed Partial Dentures (Dentistry) — resignation effective September 1, 1959.
- FRASER, DOROTHY K., Research Associate in Microbiology — declination effective September 1, 1959.
- GAUDY, ELIZABETH T., Research Assistant in Plant Pathology — declination effective September 1, 1959.
- GREENBLATT, ROBERT, Fellow in Mathematics — declination effective September 16, 1959.
- HARTMANN, LEAH N., Coordinator of Arbor Suites — declination effective August 19, 1959.
- HIGHAM, CLAIRE I., Microanalyst in Chemistry — declination effective September 1, 1959.
- HILSDORF, HUBERT, Assistant in Theoretical and Applied Mechanics — declination effective September 1, 1959.
- IRVINE, PETER M., Instructor in Crowns and Fixed Partial Dentures (Dentistry) — resignation effective September 1, 1959.
- ISAACS, HART, Research Associate in Biological Chemistry (Medicine) — resignation effective July 1, 1959.
- JOHNSON, BETTY J., Research Assistant in Animal Science — declination effective September 1, 1959.
- JONES, ALICE J., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education — declination effective June 16, 1959.
- JUNG, ALLEN F., Assistant Professor of Economics (Chicago Undergraduate Division) — cancellation effective September 1, 1959.
- KAEBERLE, MERLIN L., Instructor in Veterinary Research (Agricultural Experiment Station) and in Veterinary Clinical Medicine (College of Veterinary Medicine) — declination effective September 1, 1959.
- KASSRIEL, ROBERT S., Instructor in Medicine (Medicine) — declination effective September 1, 1959.
- KOZAK, EDWARD J., Instructor in Full and Removable Partial Dentures (Dentistry) — resignation effective September 1, 1959.
- KREER, JOHN B., Assistant Professor of Electrical Engineering — resignation effective September 1, 1959.
- LEISTER, JAMES W., Adjutant in Military Science and Tactics (Army R.O.T.C.) — resignation effective July 31, 1959.
- LIFTON, WALTER M., Associate Professor of Education — resignation effective September 1, 1959.
- LOOMIS, CAROL L., Assistant in Home Economics — resignation effective September 16, 1959.

- LOWENSTEIN, JOSEPH R., Fellow in Accountancy — declination effective September 16, 1959.
- LYTLE, MYRA, Extramural Loans Librarian, with rank of Instructor — resignation effective October 13, 1959.
- MASON, JACK R., Instructor in Orthodontics (Dentistry) — declination effective September 1, 1959.
- MATHEWS, ARCHIE, Instructor in General Engineering — resignation effective September 1, 1959.
- MCCONNELL, WILLIAM R., Assistant Professor of Education (Bureau of Educational Research) — resignation effective September 1, 1959.
- McNAMARA, EUGENE J., Instructor in English (Chicago Undergraduate Division) — resignation effective September 1, 1959.
- MILLER, ELMO E., Research Associate in Psychology — declination effective September 1, 1959.
- MORICI, ANTHONY R., Instructor in Accountancy (Chicago Undergraduate Division) — cancellation effective September 1, 1959.
- MORRISON, GEORGE A., Research Assistant in Chemistry — resignation effective September 1, 1959.
- MYERS, BASIL R., Assistant Professor of Electrical Engineering — resignation effective September 1, 1959.
- NARDINI, WILLIAM, Research Associate in Sociology — declination effective September 1, 1959.
- NISHI, SYOGORO, Research Associate in Psychiatry (Medicine) — resignation effective September 1, 1959.
- OHNO, MASAJI, Research Assistant in Chemistry — resignation effective August 15, 1959.
- PETERSON, BEVERLY J., Commerce and Sociology Library Assistant, with rank of Instructor — resignation effective September 1, 1959.
- PITTS, HENRY, Assistant Professor of Psychology, Department of Psychiatry (Medicine) — resignation effective August 16, 1959.
- RAPP, MARIE A., Reference Librarian and Assistant Professor of Library Administration (Chicago Undergraduate Division) — declination effective September 1, 1959.
- RHODES, LAURA E., Assistant Editor in the Engineering Experiment Station — declination effective September 1, 1959.
- RICE, MARTIN R., Extension Specialist in the Division of University Extension — resignation effective August 31, 1959.
- RIDER, RICHARD L., Assistant Professor of Radio and Television, and Assistant Manager of the Television Station and Supervisor of Television-Motion Pictures — declination effective September 1, 1959.
- RIEHL, JEAN-LOUIS R., Instructor in Pharmacology (Medicine) — declination effective September 1, 1959.
- SANDERS, WALLACE W., JR., Research Associate in Civil Engineering — declination effective September 1, 1959.
- SCOBEL, HUGO, Lecturer in Mechanical Engineering — declination effective October 16, 1958.
- SHOULDERS, BEN A., Spectroscopist in the Department of Chemistry and Chemical Engineering — declination effective September 1, 1959.
- SRINI VASAN, V. R., Research Associate in Microbiology — resignation effective September 1, 1959.
- STEYERT, WILLIAM A., JR., Research Associate in Physics — cancellation effective October 1, 1958.
- SULLIVAN, PATRICIA J., Bibliographer in the Library, with rank of Instructor — declination effective September 1, 1959.
- TIFFANY, THEODORE L., Coordinator of College Days Program, in the Office of Admissions and Records — resignation effective September 1, 1959.
- VANDAM, GERRITT C., Research Assistant in Dairy Science — declination effective September 1, 1959.
- WEISSMAN, HERMAN B., Assistant Professor of Physics (Chicago Undergraduate Division) — declination effective September 1, 1959.
- WEITAMAN, YECHIEL, Fellow in Theoretical and Applied Mechanics — declination effective September 16, 1959.
- WELLS, WARREN, Research Assistant in Biological Chemistry (Medicine) — resignation effective July 31, 1959.

- WEMPNER, GERALD A., Assistant Professor of Theoretical and Applied Mechanics — declination effective September 1, 1959.
- WESTINE, JOHN R., Instructor in Histology (Dentistry) — resignation effective September 1, 1959.
- ZAWLOCKI, EUGENE A., Instructor in Crowns and Fixed Partial Dentures (Dentistry) — resignation effective September 1, 1959.
- ZIMMERMAN, HELEN F., Acting Fine Arts Librarian and Instructor in Library Administration (Chicago Undergraduate Division) — declination effective September 1, 1959.

LEAVES OF ABSENCE

- CULBERT, JOHN R., Associate Professor of Floriculture (Horticulture), in the College of Agriculture and in the Agricultural Experiment Station — leave of absence, without pay, for seven months from December 1, 1959, so that he may serve as an advisor to the Framptons Nurseries, Chichester, England.
- FISCH, MAX H., Professor of Philosophy — leave of absence, without pay, for the second semester of the academic year 1959-60, so that he may accept the Rockefeller Foundation grant to do work on a biography of Charles Sanders Peirce, philosopher and scientist.
- GARCEAU, DIANA R., Assistant in Physical Medicine and Rehabilitation, in the College of Medicine — leave of absence, without pay, beginning June 29 and continuing through July 31, 1959.
- GRIBBENS, LORRAINE E., Registered Pharmacist and Research Associate in Manufacturing Pharmacy, in the College of Pharmacy — extension of leave of absence, without pay, beginning July 18, 1959, and continuing through August 31, 1960.
- GUILLEMIN, VICTOR, Professor of Biophysics and Biophysicist in the Aeromedical and Physical Environment Laboratory (Chicago Professional Colleges) — leave of absence, without pay, beginning September 15, 1959, and continuing through September 14, 1960, so that he may participate in the Academic Year Institute program at Harvard University for advanced training in physics for high school physics teachers.
- HAGGARD, ERNEST, Professor of Psychology, in the Department of Psychiatry, in the College of Medicine — leave of absence, without pay, beginning July 12 and continuing through August 31, 1959.
- KUPPERMANN, ARON, Assistant Professor of Physical Chemistry — leave of absence, without pay, for the academic year 1959-60, so that he may accept an invitation by the Brazilian government to organize a research group in radiation chemistry to be carried out at the Brazilian Institute of Atomic Energy in Sao Paulo.
- LIFE, DALE M., Assistant Professor of Full and Removable Partial Dentures, in the College of Dentistry — extension of leave of absence, without pay, for one year beginning September 1, 1959.
- MARWAH, AMARJIT S., Instructor in Oral Pathology, in the College of Dentistry — leave of absence, with pay, beginning September 1, 1959, and continuing through February 29, 1960, so that he may conduct a special research phase on systemic factors of periodontal disease in India.
- MCPHERSON, WILLIAM H., Professor of Economics, in the Institute of Labor and Industrial Relations — leave of absence, with pay, beginning May 15 and continuing through June 20, 1959, on account of ill health.
- PEART, ROBERT M., Assistant Professor of Agricultural Engineering, in the College of Agriculture and in the Agricultural Experiment Station — extension of leave of absence, without pay, beginning September 15, 1959, and continuing to June 15, 1960, so that he may complete his work for the Ph.D. degree.
- PUGH, ROBERT C., Assistant Professor of History in the Division of General Studies, and Counselor in the Student Counseling Service — leave of absence on account of illness, with pay, from September 1, 1959, through November 15, 1959, and leave without pay, beginning November 16, 1959, and continuing until he is able to return to duty.
- ROBERTSON, DONALD C., Instructor in Art — leave of absence, without pay, for the academic year beginning September 1, 1959, so that he may study and continue his work as a painter in Europe.

WARREN, WILLIAM D., Professor of Law—leave of absence, without pay, for the academic year 1959-60, so that he may accept an appointment as a Visiting Professor of Law at the University of California at Los Angeles.

CANCELLATION OF LEAVES OF ABSENCE

JORDAN, GARRET L., Professor of Agricultural Economics, in the College of Agriculture and in the Agricultural Experiment Station—sabbatical leave of absence on full pay for six months from September 1, 1959, cancelled.

ROUFFA, ALBERT S., Associate Professor of Biological Sciences, in the Chicago Undergraduate Division—sabbatical leave of absence for the academic year 1959-60 cancelled without prejudice.

RETIREMENTS

KENNY, MRS. ANNA W., Assistant Professor of English, *Emerita*, effective September 1, 1959.

ZIMMERMANN, ARNOLD A., Professor of Anatomy, *Emeritus*, effective September 1, 1959.

DEGREES CONFERRED IN AUGUST

The Secretary presented for record the following list of degrees conferred at Urbana on August 10, 1959, on recommendation of the Urbana Senate and by authority of the Board of Trustees.

Summary

Degrees in the Graduate College:

Master of Arts.....	78
Master of Science.....	258
Master of Music.....	7
Master of Education.....	156
Master of Fine Arts.....	3
Master of Architecture.....	2
Master of Accounting Science.....	1
Advanced Certificate.....	12
<i>Total, Graduate College.....</i>	<i>(517)</i>

Degrees in Law:

Bachelor of Laws.....	9
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Baccalaureate Degrees:

Bachelor of Science, College of Agriculture.....	28
Bachelor of Science, College of Engineering.....	125
Bachelor of Arts, College of Liberal Arts and Sciences.....	45
Bachelor of Science, College of Liberal Arts and Sciences.....	38
Bachelor of Science, College of Education.....	45
Bachelor of Science, College of Commerce and Business Administration...	41
Bachelor of Science, College of Journalism and Communications.....	7
Bachelor of Architecture, College of Fine and Applied Arts.....	2
Bachelor of Fine Arts, College of Fine and Applied Arts.....	8
Bachelor of Music, College of Fine and Applied Arts.....	1
Bachelor of Science, College of Fine and Applied Arts.....	8
Bachelor of Science, College of Physical Education.....	9
Bachelor of Science, Division of Special Services for War Veterans.....	23
<i>Total, Baccalaureate Degrees.....</i>	<i>(380)</i>
<i>Total, Degrees Conferred at Urbana.....</i>	<i>906</i>

GRADUATE COLLEGE

Degree of Master of Arts

In Anthropology

ROBERT WILLIAM WAGNER, A.B., 1957

In Art Education

GLORIA ANGELA DINNELLA BERNHEIM, B.F.A., 1958

BONNIE LEE HATCH, A.B., Mary Washington College, 1958

ELIZABETH AMELIA KITE, A.B., Mary Washington College, 1958
ANITA ELIZABETH UNRUH, B.S., Illinois State Normal University, 1951

In Economics

THOMAS DEAN CLARK, A.B., Illinois College, 1958
DUANE KEITH KESSLER, B.S., 1958

In English

MAVIS AINSWORTH, A.B., University of London, 1952
MILDRED JEAN ANDERSON, A.B., DePauw University, 1958
CLARA BELL ANTHONY, A.B., Morgan State College, 1958
ROBERT ADDISON BAIN, B.S., Eastern Illinois University, 1954
ROBERT PAUL BURKE, B.S., M.S., New Mexico Western College, 1955, 1956
ROBERT DAVID CURRIE, A.B., DePauw University, 1956
CLAYTON AUGUST FISCHER, B.S., Concordia Teachers College (Illinois) 1957
JOHN ROBERT MARTIN, A.B., Lawrence College, 1958
MIRIAM LEE MATHEWS, A.B., Willamette University, 1958
SARAH ANN MUECKE, A.B., North Texas State College, 1958
VIRGINIA MAE ROTH, A.B., Eastern Michigan College, 1958
JANE ADELLE SCHNABEL, A.B., Hanover College, 1953
JUDITH ANNE SWEITZER, A.B., Kalamazoo College, 1958
PETER DRAGI ZIVKOVIC, B.S., 1957

In French

ANNE MARIE FENTON CARTER, A.B., Barnard College, 1958
HELGA MARIA WOLIN, A.B., 1959

In Geography

JOHN RICHARD BERNICK, A.B., Western Reserve University, 1956
RAY SHIGEMASA FUKUMOTO, B.S., 1956

In German

STELLA PAGALYS ROSENFELD, A.B., 1957

In Greek

JOHN BABCOCK VAN SICKLE, A.B., Harvard College, 1958

In History

LARRY ALFRED EVANS, A.B., Blackburn College, 1958
JOHN RICHARD FRISCH, B.S., Wisconsin State College (Stevens Point), 1956
BILL JULIUS ISAACS, A.B., Olivet Nazarene College, 1958
BUDDY GENE WEBB, A.B., Augustana College, 1957
ALAN LINDSAY WHIPPLE, Ohio Wesleyan University, 1955

In Labor and Industrial Relations

MARCUS EUGENE PERRY, A.B., Baker University, 1957
GERALD WILFRED WHEATLEY, A.B., University of British Columbia, 1952
RONALD CHARLES WILSON, B.S., Iowa State College, 1957

In Philosophy

RICHARD LEE CORLISS, A.B., Taylor University, 1954; B.D., Northern Baptist Theological Seminary, 1957

In Political Science

ROBERT ALLEN PACKENHAM, A.B., Augustana College, 1958
VICTOR ANTHONY SAPIO, A.B., College of Wooster, 1958

In Psychology

ALAN RONALD BASS, A.B., Washington University, 1953
ALAN MICHAEL MARCUS, A.B., University of Toronto, 1957
THEODORE LEE TIFFANY, A.B., Kalamazoo College, 1954

In Social Sciences

GORDON LEVERNE COTTRELL, B.S., Illinois State Normal University, 1948
ROBERT CHARLES DROPP, B.S., Northern Illinois University, 1958
HAROLD HOMER MORSE, JR., B.S., 1958
RONALD LEE PODESCHI, A.B., Northwestern University, 1955
EDNA PAUL RICHMOND, B.S., 1926
EUGENE ANDREW YOUNG, A.B., Millikin University, 1957

In Spanish

JOSEPH LUCIANO LAURENTY, A.B., 1958
DANIEL PATRICK ORT, A.B., Ball State Teachers College, 1958
MAYNARD LEON SAXBY, B.S., Illinois State Normal University, 1956
DONNA JEAN STRACHAN, A.B., Aquinas College, 1956
JEANNIE KATHERINE TOSCANO, A.B., McGill University, 1956
WILLIAM WEKSEL, A.B., Queens College, 1958

In Speech

ANN ELLA FAUBION ARMSTRONG, A.B., William Jewell College, 1958
JEAN VALJEAN CUTLER, A.B., Lynchburg College, 1955
PRISCILLA DEAN GUEZEC DAY, A.B., College of the Pacific, 1958
JOAN GERTRUDE GLINSKI, Ph.B., University of Detroit, 1957
RICHARD GEORGE KJELLAND, A.B., 1958
JOHN LEROY LECKEL, B.S., 1956
LYLE LEWIS LLOYD, B.S., Eastern Illinois University, 1956
BARBARA ANN MATHEWS, A.B., Ripon College, 1957
DONALD IVAN MCGEE, B.S., 1957
HENRY ELLIOTT THARP, A.B., Kansas State Teachers College (Emporia), 1958
PATRICIA ANN JENSEN WEISENBURGER, A.B., 1956
RONALD CORNELIUS WERNER, A.B., Colorado State College, 1957
BARBARA JEAN YOWELL, B.S., Indiana State Teachers College, 1952

In the Teaching of English

VIVIEN JEANNE COSTELLO, A.B., Rosary College, 1955
THOMAS KING EHRET, B.S., University of Colorado, 1955
RETA JOYCE HALDORSON, B.S., Northern Illinois University, 1953
JOAN VOLKERS, A.B., Asbury College, 1949

In the Teaching of French

SUSAN MCGILLIVRAY LEONARDO, A.B., 1958
GARDNER REED WALMSLEY, A.B., Olivet Nazarene College, 1953

In the Teaching of Social Studies

JAMES LOWRY BOLDEN, A.B., Tougaloo College, 1952
HAROLD EBERHARDT GROTE, A.B., Elmhurst College, 1955
JAMES MOODY MASON, B.S., Berry College, 1942
JOHN BENJAMIN MCNEILL, B.S., Southern Illinois University, 1951
ARTHUR PATOFF, A.B., 1958

In the Teaching of Spanish

MARY CAROLE BARTNIK, A.B., St. John's University (New York), 1958

Degree of Master of Science*In Accountancy*

JAMES WILLIAM GIESE, A.B., University of Washington, 1947
THOMAS HOWARD WILLIAMS, B.B.A., University of Cincinnati, 1958

In Advertising

DANIEL WYATT SPINK, B.S., 1957
GENE ALLAN WALLACE, B.S., 1954

In Aeronautical Engineering

EUGENE YU CHANG, B.S., South Dakota School of Mines and Technology, 1957
ALAN CHARLES CULVER, B.S., 1958
DAVID JOE PIERCE, B.M.E., North Carolina State College, 1957

In Agricultural Economics

GARY KEITH BIELFELDT, B.S., 1958
ROBERT LIUDAHL BROWN, B.S., North Dakota Agricultural College, 1950
JEREMIAH EDWARD FRUIN, B.S., 1958
WILLIAM DAVID GORMAN, B.S., 1958
CLYDE LOCKWOOD MARINE, B.S., University of Tennessee, 1958
BAGICHA SINGH MINHAS, B.S., A.M., Panjab University, 1949, 1953

In Agricultural Education

HAROLD EDWARD BREECE, B.S., 1958
CARL JOSEPH KENSIL, B.S., 1951
ELDON LAWRENCE STARKWEATHER, B.S., 1947

In Agricultural Engineering

EDWARD HENRY FARNAN, JR., B.S., University of Maine, 1956
MELVIN RAY SMITH, B.S., Oklahoma State University, 1958

In Agronomy

WESLEY GERHARDT BIERITZ, B.S., 1958
DONALD BROOKS FREEMAN, B.S., University of Tennessee, 1957
JAMES FERDINAND STEINKAMP, B.S., 1953
GEORGE ORELL WALKER, B.S., Oklahoma State University, 1938

In Animal Science

ROBERT CATES WADE, B.S., University of Kentucky, 1958
DAVE COLEMAN WILLIAMS, JR., B.S., Oklahoma State University, 1952

In Architectural Engineering

EARL WALLACE HENDERSON, JR., B.Arch., 1954
DONALD CAPEN McELFRESH, B.Arch., 1958
DENNIS HENRY SAPP, B.S., 1955

In Biological Sciences

ALAN CHARLES BUCK, B.S., 1954
MARY LUCILLA WELLER, A.B., Clarke College, 1952

In Ceramic Engineering

RONALD KENNETH BART, B.S., 1958
VIRGIL EARL BRADFORD, B.Cer.E., Ohio State University, 1954
KANAIYALAL NATWARLAL PARIKH, B.Sc., Benares Hindu University (India), 1950
DAVID LAVERNE WILCOX, B.S., Alfred University, 1958

In Chemical Engineering

DAVID WALSH GREGG, A.B., Dartmouth College, 1957

In Chemistry

NING-SUN CHANG FAN, B.Sc., Taiwan Normal University, 1956
HENRY GRUEN, B.S., Massachusetts Institute of Technology, 1956

THOMAS EVAR NELSON, B.S., 1957

LAWRENCE HENRY SHEPHERD, JR., B.S., Millsaps College, 1957

In City Planning

WALTER THOMAS MILLINER, B.S., University of Virginia, 1951

In Civil Engineering

FURMAN WYCHE BARTON, B.C.E., University of Virginia, 1954

PRAMOOK BOONYARATAVEJ, B.S., Chulalongkorn University, 1955; M.S., Pennsylvania State University, 1957

PRAKOB DEJ UDOM, B.S., Chulalongkorn University, 1954

KISHOR DHARAMSI DOSHI

COLIN JAMES FLEMING, B.S., University of Natal, 1950

RAUL ERICH FRADINGER, C.E., National University of Cordoba, 1957

CHITTA RANJAN GANGOPADHYAY, B.Tech., M.Tech., Indian Institute of Technology, 1956, 1958

JAIME DE AZEVEDO GUSMÃO FILHO, C.E., University of Recife (Brazil), 1954

ROOP LALL JINDAL, National Diploma, Government Engineering College (Jabalpur), 1957

EUGENE LOUIS JOERNS, B.S., 1956

WILLIAM ARTHUR KEENAN, B.S., University of Massachusetts, 1957

THOMAS CHOCK HEE LUM, B.S., Washington University, 1951

JAIME SANTAMARIA-SERRANO, B.S., University of Pittsburgh, 1958

STANLEY EDWARD SCHOLL, B.S., 1958

WILLIAM VÁZQUEZ AGRAIT, B.S., University of Puerto Rico, 1950

JOHN EDWARD WAGNER, B.S., United States Military Academy, 1950

In Commercial Teaching

DORINE LOUISE CHANCELLOR, B.S., 1956

WRITESMAN LONG, B.S., Eastern Illinois University, 1956

In Economics

SAM BARONE, B.S., 1958

EVERETT STEPHEN SCHLETER, B.S., 1958

In Education

WILLIAM JOHN TISDALL, B.S., 1956

In the Education of Mentally Handicapped Children

NANCY JANE CALHOUN, A.B., MacMurray College, 1958

ELEANOR NANCY GURIAN, B.S., New Haven State Teachers College (Connecticut), 1958

In Electrical Engineering

CLIFFORD HOLLIS ALLEN, JR., B.S., Colorado State University, 1953

MYRON EUGENE ARMSTRONG, B.S., 1958

JACK ROGER BAIRD, B.S., 1958

KEITH GEORGE BALMAIN, B.A.Sc., University of Toronto, 1957

CAMERON WALLACE BLACHFORD, B.S., University of Saskatchewan, 1953

GEORGE WARREN BOTBYL, B.S., United States Naval Academy, 1954

GEORGE LUDWIG BUENGER, B.S., 1958

JOHN THOMAS CONLEY, B.S., United States Naval Academy, 1953

BRUCE DONALD ELLIOTT, B.S., 1958

DANIEL EUGENE FARMER, B.E.E., Clarkson College of Technology, 1956

MERTON WARNER FERGUSON, B.S.E., University of Connecticut, 1951

HARVEY ALLEN GEERTS, B.S., 1958

JAMES FRANCIS GRUDER, B.S., 1958

RICHARD ROBERT HOLBACH, B.S., 1958

WILLIAM ANTHONY KREROWICZ, B.S., Illinois Institute of Technology, 1957

PAUL HOWARD LEWIS, B.S., Rose Polytechnic Institute, 1957

JOSÉ ANTONIO ORTIZ-PRADERE, E.E., School of Industrial Technology (Spain), 1956

JOHN PATRICK PORTASIK, B.S., Virginia Military Institute, 1952
 SUNKARA NAGESWARA RAO, B.Eng., University of Madras, 1957
 MARTIN NORMAN SCHLEIFER, B.S., 1958
 MUHAMMADI SISWOSUDARMO, Candidate Exam., University of Indonesia, 1957;
 M.S., University of Kentucky, 1959
 HERBERT JOSEPH STEIN, B.S., 1958
 ERNEST EUGENE STONER, B.S., 1952
 ROBERT JOSEPH STRAIN, B.S., 1958
 WILLIAM JOHN THOMPSON, B.S., Massachusetts Institute of Technology, 1954
 TSU MING YEH, B.S., Taiwan Provincial Cheng Kung University, 1955

In Finance

LEONARD JAY SANTOW, B.S., 1957

In Geography

HOLLY WARREN BYRNE, B.S., Illinois State Normal University, 1958
 BYRON MILTON DAUGHERTY, B.S., Southwest Missouri State College, 1952
 ROWELL EINSTEIN DEBYSINGH, A.B., 1948
 GEOFFREY ROGER GLEAVE, A.B., University of Oxford, 1957
 DAVID ANTHONY PRESTON, A.B., University of Sheffield, 1958

In Geology

ROBERT EUGENE BISHOP, B.S., 1954
 ROBERT LESLIE NIEMANN, B.S., University of Nebraska, 1957

In Health Education

RONALD ANGELO FUSCO, A.B., Hunter College, 1958
 WALTER RAYMOND GART, B.S., 1957
 HENRY WILLIAM MILLER, JR., B.S. (Recreation), B.S. (Physical Education), B.S. (Health Education), 1952, 1956, 1956
 RAY ANNE SHRADER, B.S., University of Utah, 1951

In Home Economics

GAIL ELAINE ARK, B.S., Manchester College, 1957
 JOAN KAY FREITAG, B.S., 1957
 MARJORIE FUGATE, B.S., Southern Illinois University, 1952
 MIRIAM EDIE HANCOCK, B.S., Western Illinois University, 1953
 ROBBIE ELISE LATTA, B.S., George Peabody College for Teachers, 1933
 MARJORIE JANE LEACH, B.S., 1954
 FRANCES MARIAN LINDLEY, B.S., Indiana University, 1953
 JANICE JOYNER MACLIN, B.S., University of Tennessee, 1957
 JANE PURDUM, B.S., Northwestern University, 1952
 SISTER MARTIN MARY THUNDYIL, A.B., Mundelein College, 1958

In Home Economics Education

VIOLA BELLE HERINGTON, B.S., Colorado State University, 1944
 GERTRUDE DORIS KUHN, B.S., Wheaton College, 1957

In Horticulture

HARVEY JOSEPH HORTIK, B.S., 1957
 JACK CORUM SHANNON, B.S., University of Tennessee, 1958
 HARRY KIYOSHI TAYAMA, B.S., 1958
 EDWARD VAN DRUNEN, B.S., 1958

In Library Science

MARY CLEO BANKHEAD, A.B., University of Missouri, 1923
 SUSAN JANE BUSH, A.B., Indiana State Teachers College, 1958
 EVANGELINE CHEKOURAS, A.B., Lake Erie College, 1954
 HELEN JUNE CHICK, B.S., 1958
 ELIZABETH ANNE COFFEE, A.B., Piedmont College, 1958

LILLIAN MCKINNEY COOLEY, A.B., Spelman College, 1955
DOROTHY CORINNE COUGER, A.B., Phillips University, 1958
MARGARET ALLEN FLINT, A.B., William Smith College, 1958
MARGARET ANNE FRAMPTON, A.B., Duke University, 1940
KATHRYN LOUISE MANKIN FREDENBERGER, B.S., Southern Illinois University, 1952
CHARITY LEOMA HEADRICK GREENE, B.S., Austin Peay State College, 1949; A.M., University of Tennessee, 1956
JAMES EDWARD GRIGGS, B.S., Southern Illinois University, 1949
VIOLA HANSEN HETZEL, A.B., A.B., University of Washington, 1945, 1946
DOUGLAS MARTIN HIEBER, A.B., Cornell College (Iowa), 1955
ANN ELIZABETH KERKER, B.S., Purdue University, 1933
RAMONA MADSON, B.S., Utah State Agricultural College, 1955
JOHNELLA HUTCHINGS MARTIN, A.B., Tennessee Agricultural and Industrial State University, 1954
CLEO HEPKER McMULLEN, A.B., Greenville College, 1928
TAKU FRANK NIMURA, A.B., Sacramento State College, 1957
WILLIAM JOSEPH NYE, A.B., Carthage College, 1950
MARY LOUISE PLYMELL, B.S., Northwest Missouri State Teachers College, 1949
LUCILLE DOROTHY PRICKETT, B.S., College of St. Teresa, 1956
HAROLD JOHN RATH, B.S., A.M., State University of Iowa, 1930, 1931
CECIL EARL ROBERTS, A.B., A.M., State University of Iowa, 1948, 1952
RACHEL PETERSON ROLLER, A.B., Brenau College, 1930
JOANNE RUTH SERGEANT, A.B., Augustana College, 1958
LILLIAN LIEUTICHER SKINNER, A.B., Livingstone College, 1947; B.S., Atlanta University, 1948
DOROTHY LEAVELLE STEVENS, B.S., Tennessee Agricultural and Industrial State University, 1930; B.L.S., University of Chicago, 1946

In Management

LAWRENCE FENMERE ELLERY, A.B., Oberlin College, 1953
WAYNE ALLAN MEINHART, B.S., 1954

In Marketing

ARLENE JOY BEDAU, A.B., 1958
GERALD LEE MOSER, B.S., 1958
TSUTOMU TOKUNAGA, A.B., Aoyama Gakuin University, 1953

In Mathematics

ROWAN JOSEPH COYLE, B.S., Union College, 1951
GEORGE CHARLES GRAFF, B.S., Brooklyn College, 1958
JAMES ARNOLD GREGORY, JR., B.S., Illinois State Normal University, 1958
VERNON DUDLEY JONES, B.S., 1958
RUSSELL ARTHUR MEIER, A.B., Albion College, 1947
WELLS PROCTOR ROLLINS, B.S., United States Naval Academy, 1950
HARLAN EUGENE SUITS, B.S., Southern Illinois University, 1950
GLORIA ANDERSEN TVETEN, A.B., Mankato State College (Minnesota), 1958
ROBERT PIERCE WARDIN, B.S., Iowa State College, 1956

In Mechanical Engineering

RICHARD WAYNE ADKINS, B.S., 1951
AMITABHA BHATTACHARYA, B.M.E., Jadavpur University, 1951; M.Eng., University of Calcutta, 1956
SURESH CHANDRA, B.S.E., Agra University, 1957
ALBERT I-PAO CHO, B.S., 1958
AMIYA KUMAR DE, B.M.E., Jadavpur University, 1952
VED PRAKASH DEWAN, B.S., Banaras Hindu University, 1957
MAHMOUD AMIN EL-SHAZLY, B.S., Alexandria University, 1956
LYLE DELBERT GRIDER, B.S., 1958
BHALCHANDRA VASUDEO KARLEKAR, B.Eng., University of Baroda, 1958
ERIK ALBERT NYKOPP, B.M.E., Rensselaer Polytechnic Institute, 1957
JOSEPH ACHILLE PLAMONDON, B.S., 1958

- THOMAS AARON RANNEY, B.S., South Dakota School of Mines and Technology, 1958
 ROBERT EUGENE SCHNURSTEIN, B.S., 1953
 MARVIN JOHN SCHULTHEISS, B.S., Illinois Institute of Technology, 1958
 WAYNE ELWOOD SPRINGER, B.S., 1958
 ARTHUR DUANE TONELLI, B.S., 1957

In Music Education

- EDWARD TAYLOR ADAMS, B.Mus. Ed., Murray State College, 1953
 LINDA LEE ALLEN ANDERSON, B.S., 1956
 CARL RICHARD CARTER, B.S., 1954
 JAMES FREDERICK CHEYNE, B.Mus.Ed., Northwestern University, 1951
 RAYMOND THOMAS CLYMER, B.S., Ohio State University, 1954
 LANCER MILLARD COOPER, B.S., 1954
 PAUL RICHARD EDWARDS, B.S., 1957
 WILLIAM BENTON HANDLEY, B.Mus. Ed., Indiana University, 1953
 ANNALÉE HARRIS, B.S., Western Illinois University, 1952
 JAMES BARRY HILBERT, B.Mus., Eastman School of Music of the University of Rochester, 1955
 MAURICE FRANKLIN HILL, B.S., Western Illinois University, 1951
 CHARLES ELMER KEATON, B.Mus.Ed., Southern Illinois University, 1955
 VELMA JEANNE MAC MILLAN, B.Mus., A.B., Coe College, 1948, 1949
 ANN SCOTT MASON, A.B., University of Kentucky, 1944
 ARLA JUNE ORR, B.Mus.Ed., Bradley University, 1953
 PLYNN EDMUND PENNOCK, B.S., Olivet Nazarene College, 1958
 HUGH ROLAND RICHARDSON, B.S., Northern Illinois University, 1951
 MAYOLA CLEMENTINE RUSSELL, B.Mus.Ed., Millikin University, 1956
 ARTHUR LEE SCHMITTLER, B.Mus.Ed., Illinois Wesleyan University, 1954
 JOHN WELDON SHAW, B.Mus., North Texas State College, 1956
 MARILYN JULE SHERMAN, B.S., 1958
 SISTER M. ROMANA FIEDLER, A.B., Rosary College, 1953
 DALE JUNIOR SMITH, B.S., 1957
 MARY SHEA REYNOLDS WATSON, B.Mus.Ed., University of Louisville, 1958
 PHILIP ALLAN YOUNG, B.S., Eastern Illinois University, 1950

In Physical Education

- ALLYN BOOKER ALLEN, B.S., 1950
 FRANK LEE BARE, B.S., 1954
 WALTER CRYER, B.S., 1952
 JOHN ANTHONY DANNO, B.S., DePaul University, 1952
 RICHARD CLIFFORD EILER, B.S., University of Utah, 1958
 DONALD JOSEPH FALEY, B.S., University of Notre Dame, 1958
 HEWITT GEORGE HAFER, B.S., 1953
 HERBERT TERUO HAMAI, B.Ed., University of Hawaii, 1957
 SHEILA IRENE LINDSAY, B.S., McGill University, 1955
 RICHARD MICHAEL LYNCH, B.S., College of St. Thomas, 1955
 DONALD LEON NIEMEIER, B.S., Nebraska State Teachers College (Peru), 1957
 MELVIN GEORGE NUSS, B.S., 1958
 RICHARD SADA O SAKAMOTO, B.S., University of Hawaii, 1957
 MARY HOKE SLAUGHTER, B.S., Woman's College of the University of North Carolina, 1956
 CHARLES DAVID SMITH, B.S., Eastern Illinois University, 1951
 GLENN GRISWOLD WILSON, B.S., Western Illinois University, 1958
 ROGER LEWIS WING, B.S., 1953

In Physics

- STUART BERMON, A.B., University of Pennsylvania, 1958
 JAMES NORMAN BUDWEY, A.B., University of Buffalo, 1958
 EDUARDO PEREIRA DEL CASAL, B.S., University of Santo Tomas, 1957
 RICHARD DONALD KOSHEL, B.S., 1958
 WESLEY NORTHEY MATHEWS, JR., A.B., Miami University, 1958
 CLIFFORD WILLIAM MENDEL, JR., B.S., 1959

WAYNE BRYCE NELSON, B.S., California Institute of Technology, 1958
MITCHELL THOMAS, JR., A.B., Harvard College, 1958
ARTHUR WACHOWSKI, B.S., 1957

In Physiology

NORBERT LEO ARNOLDI, B.S., St. Norbert College, 1957

In Plant Pathology

LAXMIKANT HARINARAYAN JOSHI, B.S., M.S., Benares Hindu University, 1948,
1950

In Radio and Television

THOMAS HENRY GUBACK, A.B., Rutgers University, 1958
DEVERE EDWARD LOGAN, JR., A.B., Michigan State University, 1956
JOHN FRANCIS PENN, B.S., 1958

In Recreation

MARTHA ALICE ALY, B.S., University of Missouri, 1952
MARVIN REESE ARMSTRONG, JR., B.S., Carson-Newman College, 1958
WILLIS CLINTON BAKER, B.S., 1953
RONALD WILLIAM CHASE, B.S., Wisconsin State College (LaCrosse), 1958
DONALD EUGENE CLARK, B.S., 1956
WILLIAM BROWER DE CARLO, B.S., State University of New York Teachers College (Cortland), 1953
DONALD FERDINAND EBARP, B.S., 1955
KENNETH ROSS RICKS, JR., B.S., 1958

In Sanitary Engineering

VASANTLAL KESHAVAL SHAH, B.Eng., Gujarat University, 1958
RODOLFO TREVIÑO-GARZA, C.E., Institute of Technology of Monterrey (Mexico),
1956
CHARLES ORAL VELZY, B.S., 1953

In Speech Correction

MARY JANE PEARSON ESHELMAN, B.S., 1943
WILMA GAIL HAHN McNULTY, B.S., 1953
MARY JEAN DAVIS REEVES, A.B., Vanderbilt University, 1956
MAMIE FORDYCE TAYLOR, B.S., 1954
THOMAS WILSON TIMMIS, B.S., Eastern Illinois University, 1955

In the Teaching of Biological Sciences and General Science

LOREN CHARLES ANDERSON, A.B., Olivet Nazarene College, 1951
RICHARD WILSON EDWARDS, B.S., 1953
LEON DELANO EISENHAUER, B.S., 1959
LLOYD HOWARD LUNDBERG, A.B., Augustana College, 1957
ROBERT HOWELL SCHERER, B.S., Eastern Illinois University, 1952

In the Teaching of Chemistry

MELVIN DUANE JOESTEN, B.S., Northern Illinois University, 1954

In the Teaching of Mathematics

JOHN HOLIE JOHNSON, B.S., Moorhead State Teachers College, 1955

In Theoretical and Applied Mechanics

ROBERT EUGENE CARLSON, B.S., 1958
DONALD ROBERT FISHER, B.S., United States Naval Academy, 1953
SEIN SHAN, B.S., University of Rangoon, 1957

In Veterinary Medical Science

WILHELM FRIEDRICH SCHAEFFLER, D.V.M., University of Giessen, 1957

In Zoology

JAMES HARRIS ENDERSON, B.S., 1959

Degree of Master of Music

STEPHEN THOMAS FARISH, JR., B.S., East Carolina College, 1958
 SANFORD ABEL LINSCOME, B.Mus. Ed., McNeese State College, 1954
 JUDITH ANNE McDONALD LOFGREN, B.Mus., Illinois Wesleyan University, 1958
 FRANZ LUDWIG ROEHMANN, B.S., State University of New York Teachers College (Fredonia), 1958
 ISABEL ROSEN, B.Mus., Illinois Wesleyan University, 1940
 VIRGINIA LOUISE SLAUGHTER, A.B., Newcomb College, 1958
 WILLIAM CARL WATSON, B.Mus., University of Kentucky, 1958

Degree of Master of Education

GLORIA JUANITA ABBINGTON, A.B., Harris Teachers College, 1955
 WAYNE LEROY ALBRECHT, B.S., 1957
 DALE ROBERT ANDERSON, A.B., Augustana College, 1952
 GORDON MILLARD ANDERSON, A.B., Wheaton College, 1957
 ROBERT EARL ANDERSON, B.S., 1952
 IDA JANE ANDREWS, B.S., Eastern Illinois University, 1955
 DOLORES JEAN ARMSTRONG, B.S., Southern Illinois University, 1955
 JACK LYNN ARMSTRONG, A.B., William Jewell College, 1958
 DONALD MAX AULWURM, B.S., 1958
 GERALD LEE AVERY, B.S., Southern Illinois University, 1953
 LOUD WENDELL BAKER, B.S., Illinois State Normal University, 1949
 JENNIS JOSEPH BAPST, B.S., 1955
 LELAND JOY BARTLEY, B.S., Southern Illinois University, 1956
 EMMA KELLY BATSON, B.S., Southern Illinois University, 1955
 DALLAS EUGENE BEYER, B.S., Illinois State Normal University, 1956
 CHRISTABEL ALICE BOCK, B.S., North Central College, 1936
 ROBERT EARL BRADEN, B.S., Southern Illinois University, 1953
 DOROTHY JEAN BRANDT, A.B., Greenville College, 1952
 MARGERY STRAIN BRIGHT, B.S., Illinois State Normal University, 1953
 DOLORES HELEN BULTINCK, B.S., 1955
 MARGARET GRAUPNER BUTLER, B.E., Northern Illinois University, 1939
 MARTIN JOSEPH CHILOVICH, B.S., Eastern Illinois University, 1954
 JESSE CLEMENTS, JR., A.B., St. Augustine's College, 1952
 PAUL LEROY COOK, B.S., Olivet Nazarene College, 1950
 CONSTANTINE VALENTINE CORREIA, B.S., Karnatak College, 1952
 JEANET CAROLINE HAIR CRIM, A.B., Quincy College, 1944
 MAURINE KNIGHT DEMPSEY, B.Ed., Southern Illinois University, 1936
 RUTH BRIDGES DENSFORD, A.B., Indiana University, 1935
 MELVIN WILLARD DONAHO, B.S., 1957
 GEORGIA ELIZABETH DONEY, B.S., 1950
 ROBERT STOKLEY DOUGLAS, B.S., Shurtleff College, 1929
 MARTHA ANN SMITH DRAKE, B.S., Eastern Illinois University, 1950
 ARNOLD EUGENE DRUMM, B.S., Oklahoma State University, 1958
 JOHN JACOB DZURIS, B.S., Illinois State Normal University, 1950
 MARGARET RUTH ALBERTS EDWARDS, B.S., Illinois State Normal University, 1946
 ELOISE KATHERINE ESHBAUGH, B.S., 1937
 GERALDINE BARBARA FEKETE, A.B., 1956
 STANLEY EDWIN FISHMAN, A.B., Illinois College, 1954
 BEULAH FAY FLEXTER, B.S., Southern Illinois University, 1956
 EDGAR HOWARD FLORENCE, JR., A.B., Augustana College, 1947
 MARGARET GRENNAN FORRESTAL, B.S., 1954
 DELBERT DALE FOUST, B.S., Eastern Illinois University, 1955; B.D., Evangelical Theological Seminary, 1956
 KENNETH RAY FRENCH, B.S., Eastern Illinois University, 1950
 LEONIDE MAE GAINES, B.S., 1956
 ELIZABETH FOSTER GANT, B.S., Jackson College, 1950
 WILMA NADINE GEHRKE, B.S., Illinois State Normal University, 1953

JAMES CURTIS GRADY, B.S., 1950
VELMA MAURINE BOULWARE GREATHOUSE, B.S., Culver-Stockton College, 1943
ALBERT GIBSON GREEN, B.S., Eastern Illinois University, 1951
CARL LEROY GREENLEAF, A.B., Lake Forest College, 1950
MELBA ELIZABETH GRIGG, B.S., Greenville College, 1953
RONALD FRANK HALE, B.S., Illinois State Normal University, 1956
GEORGE SAMUEL HALL, B.S., 1949
ROBERT LEON HAMAN, B.S., Southeast Missouri State College, 1953
ALFRENTIA YOUNG HAMPTON, A.B., Lincoln University (Missouri), 1939
LEWIS KARL HAUSER, JR., B.S., Shurtleff College, 1951
RALPH WILLIAM HEINZ, B.S., Illinois State Normal University, 1949
ANITA MARIA HERNANDEZ, B.S., Kansas State Teachers College (Pittsburg), 1945
MAURICE ARTHUR HESSE, B.S., Illinois State Normal University, 1957
CLETE HENRY HINTON, B.S., Millikin University, 1956
ROGER OSCAR HOFFMANN, B.S., Southern Illinois University, 1956
PRESTON BRECKENRIDGE HOTT, B.S., Illinois State Normal University, 1950
BARRY TOWNSEND HOUGH, B.S., 1955
JAMES MILLARD HUMPHREY, A.B., Olivet Nazarene College, 1951
PAUL WILLIAMS HYDE, B.S., 1950
JOE LOUIS JEPSEN, B.Ed., Northern Illinois University, 1935
LUDWIG KENNETH JOHANNSEN, B.S., 1954
MARVEN LEE JONES, B.S., Olivet Nazarene College, 1954
ROBERT WARREN JONES, B.S., Eastern Kentucky State College, 1957
MARION EDWARD KALLENBACH, A.B., Southern Illinois University, 1950
SANDRA MAUREE KAUBLE, B.S., Oklahoma State University, 1958
MARY GEIS KESNAR, B.S., Southern Illinois University, 1954
JAMES HARRISON KETTLEBOROUGH, B.S., Illinois State Normal University, 1950
SAMUEL RICHARD KILPATRICK, A.B., Eureka College, 1950
JOHN LINCOLN KIRBY, A.B., Blackburn College, 1953
WAYNE JOHN KIRK, B.S., Wisconsin State College (LaCrosse), 1956
MARGARET ANN KOHLI, B.S., University of Wisconsin, 1937
ROBERT LOUIS KOZIELEK, B.S., St. Louis University, 1957
EMMA LOU MCKEMIE LE SAR, B.S., Southern Illinois University, 1956
BLANCHE GOLDNER LINE, B.S., Wittenberg College, 1949
HAROLD GENE LISTON, A.B., Eureka College, 1952
PHILIP EUGENE LUSTER, B.S., 1954
STANLEY SOLOMON LYNCH, B.S., Georgia State College, 1952
RONALD EDWARD MAERTENS, A.B., St. Ambrose College, 1955
ANTHONY JOHN MARKARIAN, B.S. (Chemistry), McKendree College, 1950; B.S. (Education), Northwestern University, 1952
MARY LUCILLE BEARD MATTIS, B.S., Illinois State Normal University, 1955
MARGARET GALLAGHER MCCABE, B.S., 1956
MARLIN HENRY MEYER, B.S., 1955
RICHARD REX MILLER, B.S., 1957
EDNA BERTHA MOSER, B.S., Illinois State Normal University, 1954
CAROLE HILLMAN OBRIECHT, B.Ed., Chicago Teachers College, 1953
WILLIAM KEITH O'HAIR, B.S., 1957
ALMA PARTRIDGE, B.S., Drake University, 1953
OLIVIA DEEN PATTON, B.S., Alcorn Agricultural and Mechanical College, 1948
CAMILLE AMACKER PATTY, B.S., A.B., Southern University, 1942, 1952
EUGENE BERTIS PAVELONIS, B.S., Shurtleff College, 1953
RICHARD GENE PEARCE, A.B., Elmhurst College, 1952
DAVID WARD PEASE, JR., A.B., 1955
DOUGLAS RICHARD PIERCE, B.S., 1955
BHATRA PRADITHAVANIJ, B.Ed., Chulalongkorn University, 1956
BARBARA JEAN RAY, B.S., Illinois State Normal University, 1950
DALE CURTIS REA, A.B., Washington University, 1949
GILBERT DEAN REDFERN, B.S., Illinois State Normal University, 1951
HELEN FAGALY REYNOLDS, B.S., 1956
WILLIAM EVERETT REYNOLDS, B.S., Northeast Missouri State Teachers College, 1949
SARAH E. RIDPATH, A.B., Kletzing College, 1951

- ANNA MAE REUTER ROBINSON, B.S., Southern Methodist University, 1954
 ROBERT EDWARD ROBINSON, B.S., Michigan State University, 1951
 JEAN LOIS ROLAND, B.S., Northwestern University, 1937
 ALOYS REINHARD RUETER, B.S., 1950
 AUDREY MAE KEIM RUNGE, B.S., Southern Illinois University, 1953
 BETTY BACON RUTTER, B.S., University of Georgia, 1942
 DEAN ALDEN RUYLE, B.S., Eastern Illinois University, 1950
 HENRY RICHARD SALE, B.S., Western Illinois University, 1955
 WILLIAM JAMES SANDVOS, JR., B.S., 1958
 EARL TYRUS SAWYER, B.S., Eastern Illinois University, 1953
 MARGARET ANN SCHEFFELIN, A.B., College of St. Joseph, 1952
 ROBERT GERALD SCHMIDT, B.S., 1958
 EMMA JANE SCHOEN, B.S., Shurtleff College, 1954
 ELISE SINGER SCOTT, B.S., Northern Illinois University, 1951
 ARTHUR LELAND SHEARBURN, B.S., 1950
 HAROLD ALBERT SHERLINE, B.S., University of Maryland, 1952
 VERDIE GALBREATH SHIPLOCK, B.S., 1936
 GILBERT FRANCIS SILVA, B.Mus., Boston University, 1952
 SISTER MARY JOHN KOEBERLEIN, A.B., St. Francis College, 1954
 SISTER MARITA McGRATH, A.B., DePaul University, 1951
 SISTER CATHERINE SIENNA O'NEIL, A.B., St. Ambrose College, 1953
 DOROTHY MABEL SKELTON, B.S., 1957
 JOSEPHINE MARY SLEJKO, B.Ed., Illinois State Normal University, 1941
 EUGENIA ENNENGA SMALL, A.B., MacMurray College, 1941
 JAMES EUGENE SMITH, B.S., Southern Illinois University, 1947
 WESLEY BURDETTE SNIVELY, A.B., University of Colorado, 1941
 LYLE WARD SPENCER, A.B., Shurtleff College, 1953
 ARNOLD FRITZ STAHL, B.S., Western Illinois University, 1953
 NELDA MAE STRELESKI, B.S., 1954
 MARY ELIZABETH STYER, A.B., Monmouth College, 1931
 JOSEPH EDWARD TICHENOR, B.S., Eastern Illinois University, 1955
 ROBERT NORMAN VICKERS, B.S., Eastern Illinois University, 1949
 THOMAS ALAN WACHTER, B.S., Illinois State Normal University, 1952
 CHARLES NELSON WAITY, B.S., Illinois State Normal University, 1955
 LOYD GLENDAL WALKER, B.S., Greenville College, 1956
 RICHARD WILLIAM WALKER, B.S., Eastern Illinois University, 1954
 WILLIAM RICHARD WALSH, B.S., State University of New York College for Teachers (Buffalo), 1953
 LOIS JANE WARREN, B.S., Southern Illinois University, 1953
 LORETTA ARLENE WATSON, B.S., Eastern Illinois University, 1955
 WILLIAM EDWARD WAYLAND, JR., Ph.B., Illinois Wesleyan University, 1947
 JOHN JOSEPH WENSING, B.S., Quincy College, 1957
 JOSEPH CLARKE WHINERY, B.S., 1958
 ROBERT GEORGE WHITE, B.S., 1958
 FRED ROBERT WILKIN, JR., B.S., 1953
 LOUIS WILLIS WILLSON, B.S., 1954
 ROBERT EMMERSON WORSHAM, B.S., 1939
 ROBERT EUGENE WRIGHT, A.B., A.M., Indiana University, 1954, 1956
 MARIAN OPALINE SCHROEDER YATES, B.S., Southern Illinois University, 1946
 PAULINE MEVIS ZOCH, B.S., 1956
 ROSS WAYNE ZUMWALT, B.S., 1956

Degree of Master of Fine Arts

In Design

- JOHN KENNETH SNIFFEN, B.F.A., Pratt Institute, 1953

In Painting and Printmaking

- CHARLES EUGENE FORSYTHE, B.F.A., 1958
 MARTHA LEE ESTUS PURDY, B.F.A., Kansas City Art Institute and School of Design, 1957

Degree of Master of Architecture

PHILLIP JAMES GREENE, B.S., University of Kansas, 1955
DALE RAYMOND JOHNSON, B.Arch., 1957

Degree of Master of Accounting Science

PHILIP TIBBS, B.S., Murray State College, 1958

Advanced Certificate*In Education*

JAMES EDWIN BONNEY, A.B., Coe College, 1947; A.M., Northwestern University, 1949
LEONARD A. DOBSON, B.S., Ed.M., 1940, 1956
JOHN PETER DUNNELL, B.S., Millikin University, 1950; M.S., Illinois State Normal University, 1955
HELEN LOUISE KUSTER FARR, A.B., Elmira College, 1944; A.M., Columbia University, 1946
GERALDINE ABNER GALLOWAY, B.S., M.S., 1941, 1942
LELAND MERVIN INMAN, B.S., Ed.M., 1955, 1957
MARGUERITA CHISM JOHNSON, A.B., Indiana University, 1934; M.S., 1950
ROBIN FRANKLIN LEDBETTER, B.S., Southern Illinois University, 1949; M.S., 1955
CHARLOTTE LUCILLE ROSE, B.S., Olivet Nazarene College, 1950; M.S., 1952
LELAND HENRY SCHNAKE, B.S., Western Illinois University, 1948; A.M., 1953
DELLA CAROLINE SIMMONS, A.B., MacMurray College, 1948; A.M., 1951

In Music Education

JOHN KESSLER STETLER, B.Mus., Cincinnati Conservatory of Music, 1951; M.Mus., University of Wichita, 1953

COLLEGE OF AGRICULTURE**Degree of Bachelor of Science***In Agriculture*

LEON HANLON ASH	JOHN RALPH REVELL, JR.
WILLIAM ALLEN CASE	ROGER LEE SAXE
NEAL EUGENE ECKERT	PAUL EDWARD SHUMAN
WILLIAM LEONARD HAGAN	DORR LESTOR SIMER
DONALD KEITH HOFFMAN	RICHARD WILLIAM VISSERING
JOHN BREBNER KRAUSE	MARTIN LELAND WERRIES
JAMES COMMODORE MILLS	JOHN HOLLAND WILLIAMSON
MERVIN LLOYD MIXER	

In Dairy Technology

CARL WILLIAM GUSTAFSON

In Food Technology

WILLIAM JOSEPH FORSYTHE

JOHN EDGAR RITCHEY

In Home Economics

JUDITH BRADFORD CROOK	MARY KATHRYN PIPER
SHARON GAY EGGERS	IRENE OUTLAW ROBINSON
JO ANN MARIE GISH	SUZANNE BERGERON SCHULTZ
PATRICIA MCKEE HALFORD	MARCIA MAY WILLIAMS

In Home Economics Education

LINDA HALE BARTER, Honors

JANIS KAY FINLEY, Honors

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Aeronautical Engineering

SHERMAN ARNOLD
KENNETH WARREN BAUD
ROBERT LEROY BRODERSON
DAVID LEE GANN
PAUL THOMAS GASKINS
WILLIAM FRANK HAMMOND

WILLIAM EUGENE KRUSE
KRISHAN KUMAR KUMAR
RICHARD EARL LINDEMAN
MINDAUGAS PLESKYS
DAVID HAROLD SCHNITZER
CHARLES RAY STROM, High Honors

In Ceramic Engineering

THOMAS HENRY NIELSEN

In Civil Engineering

ELMER DOLPHUS BLACKMON, JR.
ROBERT HENRY BRYANT
GENE RAYMOND BUIST
DAVID ROWATT CRAIG
IVAN DE LA CUESTA ABAD
HERNAN DE LA CUESTA ARIAS
LEROY FRANKLIN FOX
JOHN ALBERT GRAY, Honors
DALE EUGENE GRIESER
WILLIAM THOMAS HANNA
GEORGE ROGER HARRINGTON
EDWIN FRANCIS HENN
KARL JOHN KLEPITSCH, JR.

ROBERT RINEHART LACHER
MICHAEL WILLIAM LOEFFL
RICHARD ELLSWORTH MASTEN
GERALD MICHAEL McDONNELL
JOSEPH HOWSMON POUND
DONALD LOUIS RISSLING
JOSEPH ANTHONY SEYL, JR.
DAVID PAUL SMITH
ALWIN HANS SORENSEN
RONALD THADDEUS STRUGIELSKI
WALDEMAR STANLEY STYZINSKI
CARL BRUNO WOLFRAM

In Electrical Engineering

THOMAS KARL ALBEE
DONALD KENT ALEXANDER
PITT WILLIS ARNOLD
SILVIO BAENA
LOWELL DUANE BATSON, Honors
RAYMOND ALBERT BELMONTE
FRED VINCENT BLAZINE
ROY EARNEST BROWN
EDWARD JAMES BRUIN
DARYL THOMAS BUTCHER
JAMES GARNSEY CARD
DONALD BARRINGTON CLARK
ROBERT CHARLES DRYDEN
PAUL ELWOOD EVANS
RICHARD DWIGHT FANNIN
RICHARD PHILLIP FIELTIZ
DAVID SERVICE FISHER
GERALD ROBERT FITZMAURICE
LIONEL GOMBERG
WILLIAM BAUSMAN GUFFEY, Honors
JOHN ELMER GYURKO
WILLIAM ARTHUR HARTLEY, High Honors
JAMES ROLLIN KETTERER, Honors
WILLIAM JAMES KINDER

HERNANDO LESMES
DONALD JOSEPH LUCAS
WILLIAM CHRISTIAN MCCLURG, Honors
RAY GERALD MCCORMACK
THOMAS PHILLIP McGRATH
IRVIN LEWIS MCKITTRICK
LYNN DANA McNAMES
HEBERTO PACHÓN C.
RAYMOND JOSEPH PALCIAUSKAS
JOHN SANTFORD PERRY III
FRANCIS MARION PIORKOWSKI
ULDARICO POSADA SANTOS
DONALD ARTHUR PRIES
JEROME SHELDON RASKIN
RICHARD EDWARD REED
RICHARD RAY REED
RICHARD GEORGE SCHUBERT
JAMES DALE STEWARDSON
PAUL ARTHUR STROM
MARK MILLER TEMPLETON, JR.
SIM UM
JOHN RICHARD WANKA
NICHOLAS GEORGE ZAVERDAS
HOWARD PAUL ZINSCHLAG

In Engineering Physics

WILLIAM MAURICE GOLDEN
WILLIAM RAYMOND HARRISON

RICHARD JAMES WALLSTROM

In General Engineering

DAVID LEE ALLEN
WILLIAM JOHN HEMPSTEAD
DENNIS EARLE LANTZ
WILLIAM JOSEPH PUSKAC

LEON ERNEST RICHARTZ
WILLIAM EDWARD WARREN
WILLIAM FRANCIS WEILAND
ROBERT EUGENE WINSTEAD

In Industrial Engineering

THOMAS RICHARD HOOGERVORST

HAROLD CHESTER PAYNE

In Mechanical Engineering

JOHN STEPHEN BUTLER, High Honors
RICHARD LEE CONRATH
ARTURO DÍAZ LARA
HENRY JOHN DOKTER
FRED ERNEST DUSKIN
GLEN RAYMOND FOTRE
DONALD GAITER
RICHARD JOHN HENRY
GLENN FREDRICK HOHNSTREITER
WILLIAM ERIC JANSEN
LOUIS LAWRENCE LASKE

LOUIS RALPH MARCHINI
JORGE HUMBERTO MARINO B.
GEORGE ATSUSHI MATSUMOTO
CHARLES JOSEPH MAURER, JR.
LARRY GENE McMULLEN
JAMES DENNIS NEFF
RONALD JAMES NICHOL
ROGER CARRINGTON NICHOLS
ANDREJS SPROGIS
GUNTHER GUSTAF WACKERMAN

In Metallurgical Engineering

JAMES RUSSELL GAEBE

ROBERT WALTERS STUSRUD

In Sanitary Engineering

DONALD EVERETT ALTON
WALTER DANIEL PHELPS, JR.

ROBERT EDWARD SCHEIBLE

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

KENNETH JAMES ALLES
MICHAEL RICHARD BERZ
EDWARD GEORGE BLAHOUS
JORDAN JOEL BLOOM
HOWARD EUGENE CARR, JR.
THOMAS CZERNER
FUHRER D. DICKEY
ALAN MAURICE EFRUSSY
ROBERTA BRESLOFF FLODEN
DAVID RALPH GOODMAN
MARIETTA HAMILTON
ROBERT DALE HARMON
DALE MARTIN HEIEN
JAMES WADE HILL
RICHARD WEI HSIEH
JOAN WILLIAMS HUBBARD
GEORGE JOHN JUST
LOUIS HERBERT KILBERT
JOHN HENRY LENZ
RICHARD JOHN MCKINLAY
BOOTZ DEE MERCER, Honors in Liberal
Arts and Sciences with Highest
Distinction in History

JON DAVID MOULTON, Honors in Liberal
Arts and Sciences
MICHAEL ELIJAH MURRAY, Honors in
Liberal Arts and Sciences
DAVID JAY MYERS
JOHN JOSEPH PETERSON
JEAN LYONS RICHARD
DANIEL LIVINGSTONE ROBERTS
BERNARD EDWIN RUDER
ARLENE LOUISE SENDERA
ROGER MONTGOMERY STERLING
STEVEN B. STERN
GEORGE SYDNEY STRATTON
ELIZABETH SUE SWANN
STEPHEN PAUL THOMAS, Honors in
Liberal Arts and Sciences
JOHN JACOB TICKNER
JOSEPH WILLIAM VOGG
LAWRENCE KEYES WACASER, Honors in
Liberal Arts and Sciences
DOYNE WILLIAM WHEETLEY
LISA GALAM WHITE

In the Teaching of English

ELAYNE SCOOFKES ERICKSON
MARY ANN MARCELLA MASLEY

DEBRA LEE PICKMAN
MARIFRANCES SGRO

In the Teaching of Social Studies

PATRICIA KAY DUNN

JANICE GRACE SAUERMAN

Degree of Bachelor of Science*In Chemical Engineering*

WOLFRAM AXEL KOLLACKS

JERRY WILLIAM STEEGE

EDWARD BARTON PARRISH

EDWARD JOHN SWEET

PAUL LAVERNE QUANDT

ROGER ANTHONY SCHMITZ, Honors in
Liberal Arts and Sciences with
Highest Distinction in the
Curriculum

In Chemistry

PETER JOHN KAUFMANN

DONALD WILLIAM MARGOLIS

In Liberal Arts and Sciences

BARBARA LEA AHRENS

NANCY ANN FRIEDL

THOMAS LEONARD BRADLEY

LARRY WAYNE GARRISON

LLOYD CALLAWAY, JR.

ROBERT LEON HALL

PETER EMMANUEL CASTRITSIS

WILLIAM HAMILTON

JOHN BELL CLARK, Honors in Liberal
Arts and Sciences with Highest
Distinction in Chemistry

CRAIG WILLIAM IVERS

ROBERT WILSON KINNEY

JAMES CLINTON COPELAND

HAROLD RICHARD KLATT

ROGER WILLIAM COTE

CHARLES MILTON MOSTAR

JOSEPH LEE DAW

STEWART CHARLES REIMAN

ALBERT NEIL FINCHAM

STANLEY JOHN RUSSELL, Jr., Honors
in Liberal Arts and Sciences with
Highest Distinction in Mathematics

MARGARET ANNE FLOWERS

MARJORIE BRENDA SCHWARZ, Honors in
Liberal Arts and Sciences

ALAN DEAN FLYNN

JACK ROSS SNADER

NANCY JOEN FORSYTH, Honors in Lib-
eral Arts and Sciences with High-
est Distinction in Zoology

THOMAS DAVID TURNER

In Physics

PAUL KARL RICHARDS, Honors in Liberal Arts and Sciences

In Speech Correction

ELAINE ROBERTA STEIN, Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum

In the Teaching of the Biological Sciences and General Science

NANCY SUE MATHIS

In the Teaching of Chemistry

LAWRENCE THOMAS SENNELLO

In the Teaching of Mathematics

RONALD TODD WRIGHT

COLLEGE OF LAW**Degree of Bachelor of Laws**

PAUL WESLEY CLEVINGER, B.S., 1956

CHARLES BREWER LINDLEY, B.S., United
States Naval Academy, 1950

CHARLES HENRY JONES, JR.

EUGENE FRANCIS PARKER

HEIN JUERGENSEN, B.Mus., American
Conservatory of Music, 1954

MARGARET JEAN SCRANTON, A.B., 1955

WILLIAM EVERETT LARRABEE, B.S., 1951

DAVID FOSTER SMITH

WESLEY EDWARD LINDBERG, B.S., 1958

COLLEGE OF EDUCATION
Degree of Bachelor of Science

In Education

JUDITH HOFFMAN BROCK
 JOSEPH DAVID FOULK
 JAMES NORMAN HARDESTY
 BARBARA ANN HARRISON
 JANE LOUISE JOHNSTON
 CATHERINE EDNA LOFTUS
 JANET JOHNSTON MCCANNON

BARBARA NAUDZIUS McDOWELL
 RALPH RAYMOND MEYER
 DELBERT EUGENE MUELLER
 HARRIET JONES RECHNITZ
 SISTER MARY PATRICK CAIN
 SISTER MARY STEPHEN RING
 DOROTHY JEAN WADE

In the Education of Mentally Handicapped Children

JEAN PEASE EMRICK

In Elementary Education

MARY BLAZEKOVICH ALTENBERND
 FRANCES BLOME ARTHUR
 ANNETTE BARSHEFSKY
 GRACE SCHMIDT BARTISON
 CLEO DE ZARN BEASON
 MARY BOWMAN BLODGETT
 IOLA KIRTS BOVIE
 LOUISE SWAN BROWN
 ROBERT JOHN CASSIDY
 C. LORAINNE KUYKENDALL CLEVELAND
 SARA JEAN CONNELLY
 MARTHA ANN GRAVES, Highest Honors
 YVONNE GRIFFIN
 JOAN KALMAN, Honors
 MARY KEEN KESSLER

LARRY JOE KINDLE
 JAMES NICHOLAS KING
 MARCIA ANN KITILSEN, High Honors
 JANET MIDORI MATSUSHIMA, Honors
 BENITA RAE MOLINE
 MILDRED ELIZABETH MURRAY
 DORRIS HAINES NEWVILLE
 MARGARET E. THRASHER OVAL
 CATHERINE GAYNELLE PATTON
 RITA BORRI REIMAN
 MARILYN KAY SIMPSON, Honors
 MARY ELLEN SRONCE
 ELIZABETH SHARP STRATTON, Honors
 SANDRA RHODES WEST, Honors
 VERNIECE SYLVESTER YEAZEL

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

LEONARD WALLACE ARENTSEN
 ROBERT LEO ARNOLD
 ROBERT LEROY CARGNONI
 HOWARD EUGENE COCHRAN
 JAMES FRANK CORNILLE
 CHARLES CALVIN DETWILER

JIMMIE FRANK FURNO
 WALTER ALBERT GUYER
 RAY EDWARD HETTINGER
 EARLE MERWIN HORWITZ
 JEROME DARMEN ROESKE
 WILLIAM JAY SULLIVAN

In Commerce and Law

LOUIS REA JONES

In Economics

BRUCE BARTLETT HERBERT
 HORACE WEBSTER MICKENS

ROBERT VAUGHAN MILLIGAN
 NORMAN MERENESS TRESSLER

In Finance

GARY MICHAEL ADELMAN

THOMAS DENNIS MURPHY

In Industrial Administration

JAMES MILTON ALBRIGHT
 RICHARD MAX HARRIS

DONALD GREGORY LONG
 ROBERT GORDON ZINN

In Management

ROBERT DEAN BROTHERTON
 WILLIAM DALE DIETRICH
 CHARLES ALAN FREEMAN
 KEN GUNJI
 JOSEPH PAUL KLOTNIA

CARL WALDEMAR OSTRAND
 IRENA LIONGINA PAULIUS
 PETER JAMES SHERIDAN
 ROBERT PAUL TAYLOR

In Marketing

DALIA OZELIS DE DE LA CUESTA
 DON GAYLON GRAHAM
 RAYMOND GRANVILLE GRAMMER
 HOWARD LEROY JENNE

EVERETT DAN KIMMEL
 ROBERT JOSEPH LOWRY
 ARTHUR WILLIAM MURRAY II
 JOHN WAZAK

In Urban Land Economics

ALAN JOSEPH BRODY

COLLEGE OF JOURNALISM AND COMMUNICATIONS**Degree of Bachelor of Science***In Communications*

CHARLES ARTHUR AMUNDSON
 MORTON ROY ENGELBERG
 MERRILL ANN HAHN
 RICHARD HULL ICEN

MARY ANN McDONALD
 DAVID CHARLES MIEHER, JR.
 SUSAN MARGERY TEEGARDEN

COLLEGE OF FINE AND APPLIED ARTS**Degree of Bachelor of Architecture**

WAYNE GEORGE ANDREWS

JOSEPH FRANCIS PAPPALARDO

Degree of Bachelor of Fine Arts*In Art Education*

GLORIA ROSE MIKUTA

PATRICIA JOY SORENSEN

In Industrial Design

RALPH DEAN DAVIS
 ALAN FREDERIC ECKEL

COLLAN BLENDON KNEALE
 RONALD DURHAM PARKS

In Landscape Architecture

ROBERT HILBOLDT THORNBERRY, Honors

In Painting

SHARON SMITH GEAR

Degree of Bachelor of Music

GARY ALFRED SIPES

Degree of Bachelor of Science*In Music Education*

EMILY ANN CHVAL, Honors
 JAMES DUNN FLYNN
 JOHN JOSEPH McCaULEY, Honors
 ROBERT HAROLD MELHISER
 CAROLYN JOYCE MITCHELL

SISTER TERESA ANN HARRINGTON, High
 Honors
 VIRGINIA ZUCKS UHLENHOP
 NORMA PEARL WEST

COLLEGE OF PHYSICAL EDUCATION

Degree of Bachelor of Science

In Physical Education

THOMAS EDWARD BREEN
 JAMES DANIEL CHENGARY
 JAMES MARLYS EGGERICHS

ROBERTA LOUISE GRIMES
 JANET MCKENZIE HAGAN
 EDWARD SCOTT HUBBARD

In Recreation

THOMAS EDWARD HALL
 ALICE ANNE HOFF LACQUEMENT

JAMES THOMAS McNALLY

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

Degree of Bachelor of Science

LAWRENCE ALLEN BAGGERLY
 JOHN CHARLES BLAKSLEE
 LLOYD WILLIAM CARLSON
 JAMES DRUEY DONITHAN
 MYRON HAYES FEITSHANS
 JOHN PARSONS FINLEY
 MICHAEL JOSEPH GUINAN
 JAMES RAYMOND HAWKES
 KENNETH FRANCIS HOLIAN
 JAMES WILMER LEAR
 DONALD MALLER
 ELMER CHARLES MAY

JOSEPH CHARLES NORRIS
 CHRISTINE PERRY ODIAN, Honors
 JAMES ALLAN SCHEIBLY
 JOHN MICHAEL SCHILLING
 SHIRLEY ANNE SMITH, Honors
 ARTHUR LAURENCE SPIETZ
 NORMAN COLES STRANDWITZ
 DAVID LEE STURN
 KENNETH WINN TRAUM, JR., Honors
 JAMES ARTHUR VICKREY
 LAWRENCE GRAHAM WILLIAMS, JR.

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

October 21, 1959



The October meeting of the Board of Trustees of the University of Illinois was held in the Pere Marquette Hotel, Peoria, Illinois, on Monday, October 21, 1959, 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. Wayne A. Johnston, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. George T. Wilkins, Mr. Kenney E. Williamson. Mr. Earl M. Hughes, Mr. Harold Pogue, and Governor William G. Stratton were absent.

Also present were President David D. Henry, Dr. H. E. Longenecker, 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, Professor Gilbert Y. Steiner, Director of the Institute of Government and Public Affairs; and the officers of the Board, Mr. C. W. Weldon, Treasurer, Mr. H. O. Farber, Comptroller, and Mr. A. J. Janata, Secretary.

MEETINGS OF BOARD COMMITTEES

Meetings of the Committees on General Policy, Buildings and Grounds, and Nonacademic Personnel were held in the forenoon, prior to the Board meeting.

LUNCHEON RECESS

A representative group of Peoria citizens — public officials, heads of civic organizations, and officers of Bradley University — were guests of the Board at luncheon.

ADDRESS BY DR. GILBERT Y. STEINER

Following the luncheon recess, President Henry presented Dr. Gilbert Y. Steiner, Director of the Institute of Government and Public Affairs, who addressed the Board on the functions and operations of the Institute.

The Board convened at 2:00 p.m. for its regular October meeting.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of the Board of Trustees on June 23, 1959, 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 433 to 557, 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.

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. SHELDON ALEXANDER, Research Assistant Professor of Psychology, beginning September 1, 1959, at an annual salary of \$8,000 (DY).
2. GEORGE W. BARLOW, Assistant Professor of Zoology, beginning September 1, 1960, at an annual salary of \$6,500 (B).
3. ROBERTO DIAZ, Assistant Professor of Mathematics, beginning September 1, 1959, at an annual salary of \$6,000 (D).
4. ROBERT F. GRAY, Visiting Associate Professor of Anthropology, for the academic year 1959-60, at a salary of \$8,000 (E).
5. PERRY LONDON, Assistant Professor of Psychology, beginning September 1, 1959, at an annual salary of \$6,600 (D).
6. DANIEL J. PERRINO, Assistant Professor of Music Education in Extension, in the Division of University Extension, beginning February 1, 1960, at an annual salary of \$7,350 (DY).
7. PAULO RIBENBOIM, Visiting Associate Professor of Mathematics, on one-half time, beginning September 1, 1959, at an annual salary of \$3,600 (D50).
8. STEPHEN C. SCHMIDT, Assistant Professor of Agricultural Economics, beginning September 1, 1959, at an annual salary of \$8,500 (BY).
9. ROBERT B. SCOTT, Assistant Professor of Pharmacy Administration, in the College of Pharmacy, on one-half time, beginning September 1, 1959, at an annual salary of \$4,000 (D50).
10. JOHN T. SHARP, Clinical Assistant Professor of Medicine, beginning November 1, 1959, without salary (DY).
11. LARRY STEINRAUF, Assistant Professor of Physical Chemistry, beginning September 1, 1959, at an annual salary of \$6,000 (D).
12. VLADIMIR S. TUMAN, Associate Professor of Petroleum Engineering, in the Department of Mining and Metallurgical Engineering, beginning November 1, 1959, at an annual salary of \$8,500 (D).

13. J. ELTON ZIMMERMAN, Assistant Professor of Animal Science, beginning September 15, 1959, at an annual salary of \$7,350 (BY).

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

ADVISORY COMMITTEE FOR THE COLLEGE OF VETERINARY MEDICINE

- (2) The Dean of the College of Veterinary Medicine recommends the following appointments to the Advisory Committee for the College of Veterinary Medicine for terms of two and three years beginning September 1, 1959.

DR. W. J. ANGERER, Atkinson (two years)	DR. PAUL JOHN MEGINNIS, Roselle (two years)
MR. DONALD IRVINE DEAN, Champaign (three years)	DR. LEON FREDERICK STRIEGEL, Carbondale (three years)
HONORABLE A. B. MCCONNELL, Woodstock (three years)	

These appointments are additions to the Committee. Dr. Angerer has served on the Committee before. The others are new appointments.
I concur.

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

ADVISORY COMMITTEE FOR INSTITUTE FOR RESEARCH ON EXCEPTIONAL CHILDREN

- (3) 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, 1959.

Representatives of the University

PROFESSOR WALTER J. MOORE, College of Education

Professor James E. Hulett, Department of Sociology, and Professor J. McVicker Hunt, Department of Psychology, are the other representatives of the University. Their terms expire in 1961 and 1960 respectively.

Representatives of the Department of Public Instruction

DR. OSCAR CHUTE, Superintendent of Evanston Public Schools, District No. 65, Evanston (reappointment)

Mr. Ray Graham, Director of the Division of Education for Exceptional Children, Springfield, is the other representative of the Department of Public Instruction. His term expires in 1960.

Representatives of the Department of Public Welfare

Mr. Harry McClintock, Assistant Director of the Department of Public Welfare, and Dr. Joseph Albaum, Superintendent, of the Lincoln State School, Lincoln, Illinois, are the representatives of the Department of Public Welfare. Their terms expire in 1961 and 1960 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 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.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

- (4) The Committee on Accountancy recommends that the certificates 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>
ROBERT LESTER BONNINGTON	Oak Park	Iowa
F. A. COVER	Elkhart, Indiana	Iowa
SAMUEL DIAMOND	Evanston	District of Columbia
JOHN PERSHING GULDENZOPF	Danville	Wisconsin
KURT JOHN HAHLEBECK	Santurce, Puerto Rico	Puerto Rico
FRANCIS EDWARD KASTENHOLZ	Glenview	Wisconsin
MATTHEW CHARLES KEPS	Chicago	District of Columbia
EDMOND LOUIS SMITH	Belleville	Missouri
HARRY SAMUEL TEMPLE	Highland Park	Minnesota

I concur.

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

NATIONAL DEFENSE EDUCATION ACT STUDENT LOAN FUNDS

(5) On December 17, 1958, the Board of Trustees approved acceptance of funds from the federal government under the National Defense Education Act of 1958 to establish the National Defense Student Loan Fund. The Board also appropriated funds from indirect costs on government research contracts to provide the 10 per cent of the total fund thus established required of the University under the law to match the federal grant.

During the year 1958-59 a total of \$65,691 was received from the federal government and \$7,300 was transferred from indirect cost funds for matching purposes. The United States Office of Education, which administers this student loan program, has advised that the University will be paid a total of \$250,977 by the government for this purpose during 1959-60—\$167,652 of which has been received. Loan applications have been received for a significant portion of this amount. The probability is that approximately the same amount will be received in each of the next three fiscal years. It will thus be necessary to provide \$27,887 of matching funds in 1959-60 and probably like amounts in each of the following fiscal years.

The Board of Trustees on March 11, 1958, authorized acceptance of bequests from the estates of Gretchen Johanna Schilling and Paul Charles Schilling, and \$117,392.72 has been received. Under the wills of the testators, the funds are to assist worthy, indigent students at the University of Illinois, and these funds may properly be used to match the funds received from the federal government for the student loan program.

When accepting the Schilling bequests, the Board allocated one-half of the funds thus received for student loan purposes and one-half to endowment, the income from both funds to be used for scholarship purposes. Because of the difficulty in obtaining funds suitable for matching purposes, it is recommended that the assignment of the Schilling funds be modified and that during the period of the federal loan program, the Schilling funds be used for matching purposes to the extent required, including the repayment of funds previously advanced from indirect cost reimbursement. The sum of \$35,186 will be so required in 1959-60, and probably approximately \$27,000 will be needed in each of the three following years. It is further recommended that after the close of the federal program and the repayment of all loans, the Schilling funds thus assigned be returned to the uses originally specified.

This action will make it necessary to withdraw a portion of the Schilling fund from the endowment investment pool. In order to provide the necessary funds, it is recommended that United States Government securities presently held in the endowment pool and maturing within two years of date of transfer be conveyed to current funds investments. If approved, these transfers will be made as required during the period of the National Defense Education Act Student Loan Program and within the total amount of the Schilling fund.

These recommendations are made by the Vice-President and Comptroller and the Dean of Students, and I concur.

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

APPRAISAL OF UNIVERSITY BUILDINGS

(6) The Business Manager of the Chicago Colleges and the Vice-President and Comptroller recommend the employment of Marshall and Stevens, Inc., Chicago, to appraise the following properties for insurance purposes, at a fee of \$5,650, the cost to be charged against the income of operations housed in these buildings: Staff Apartment Building, 809 South Marshfield Avenue, Chicago
Residence Hall, 800-818 South Wolcott Street, Chicago
Apartment Building, 829-833 South Marshfield Avenue, Chicago
Second Unit of the Dentistry-Medicine-Pharmacy Building, 808 South Wood Street, Chicago

It is the practice of the University to carry fire and extended coverage insurance on income producing buildings and other buildings financed through bond issues. (The Second Unit of the Dentistry-Medicine-Pharmacy Building was included in the bond issue which financed the construction of the other three buildings.) The insurance is subject to the 80 per cent co-insurance clause in order to obtain favorable rates. It is important to have accurate evaluations of buildings to assure that University coverage is adequate. The only evaluations accepted by insurance companies in the event of an insured loss are those certified by a professional appraisal company. The buildings listed here have not been previously appraised. After the initial appraisal, renewals of appraisals are made at a cost of approximately 10 per cent of the original fee.

Since this appraisal is a professional service it is not subject to the requirements of competitive bidding but nevertheless quotations were secured from two companies and the quotation from Marshall and Stevens, Inc. is lower.

I concur.

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

HOUSING REVENUE BONDS OF 1959 SERIES C AND D

(7) The Vice-President and Comptroller presents the Second Supplemental Housing Revenue Bond Resolution and recommends its adoption. He also recommends that the Board:

1. Ratify and confirm the actions of the Executive Committee in connection with the sale of these bonds.
2. Ratify and confirm the action of the Comptroller and the Secretary in executing the Loan Agreement with the Housing and Home Finance Agency.
3. Authorize the execution of the bonds by Frances B. Watkins, Timothy W. Swain, Members of the Board, and A. J. Janata, Secretary, and by the facsimile signature of the President of the Board.
4. Authorize the Comptroller and Treasurer to deliver the Series C Bonds to F. S. Smithers and Company and the Series D Bonds to the Housing and Home Finance Agency.
5. 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.

The Loan Agreement for Project No. Ill. 11-CH-94(D), of the Board of Trustees of the University of Illinois, Urbana, Illinois, Contract No. H(402)-370, was presented by the Secretary, and examined by the Trustees.

On motion of Mr. Johnston, the Second Supplemental Housing Revenue Bond Resolution, as printed below, was adopted, and the Board ratified and confirmed the actions of its Executive Committee and of its officers as recited above.

This action was taken by the following vote of record: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Johnston, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Pogue, Mr. Stratton.

Second Supplemental Housing Revenue Bond Resolution

Supplementing Resolution Approved December 17, 1958, and Creating \$3,450,000 Housing Revenue Bonds of 1959, Series C, and \$3,450,000 Housing Revenue Bonds of 1959, Series D.

A RESOLUTION CREATING AND AUTHORIZING THE ISSUE, AUTHENTICATION AND DELIVERY OF \$3,450,000 HOUSING REVENUE BONDS OF 1959, SERIES C, AND \$3,450,000 HOUSING REVENUE BONDS OF 1959, SERIES D AND 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 1957, 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 under the terms of said Original Resolution did create and issue an initial issue of Bonds in the aggregate principal amount of \$3,150,000 consisting of Bonds designated "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1958, Series A," and "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1958, Series B," in the principal amounts of \$1,625,000 and \$1,525,000, respectively; and

WHEREAS, The Board of Trustees of the University of Illinois on June 23, 1959, did duly adopt a First Supplemental Resolution providing for the issuance of revenue bonds and under the terms of the Original Resolution as supplemented thereby (said Original Resolution as so supplemented by said First Supplemental Resolution being herein sometimes called the "Resolution") did create and issue additional Bonds in the aggregate principal amount of \$1,640,000 consisting of Bonds designated "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1959, Series A," and "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1959, Series B," in the principal amounts of \$110,000 and \$1,530,000 respectively; 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 Resolution as supplemented by this Second Supplemental Resolution thereto, which additional Bonds are to be limited to the aggregate principal amount of \$6,900,000 at any one time outstanding, \$3,450,000 of which shall be known as "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1959, Series C" (hereinafter called "1959 Series C Bonds") and \$3,450,000 of which shall be known as "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1959, Series D" (hereinafter called "1959 Series D 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 C hereinafter mentioned) contained in Section 5.01 of the Original Resolution and Section 1.1 of the First Supplemental Resolution is hereby ratified and confirmed and all revenues to be derived from the operation of Project C 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 the First Supplemental Resolution be and the same is hereby increased by an amount equal to \$300,000 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) \$450,000 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

1959 SERIES C BONDS AND 1959 SERIES D BONDS, AND THE ISSUANCE THEREOF

SECTION 2.1. *Project C and Purpose of Issue of Bonds.* The project hereinafter designated "Project C") to be acquired, constructed, equipped and completed pursuant to this Second Supplemental Resolution is described in a general way as:

A residence hall to be located at the northwest corner of Euclid Avenue and Peabody Drive, Champaign, Illinois, consisting of three housing buildings and one food service building for approximately 1494 single undergraduate students, sometimes known as the Peabody Drive Residence Halls, plus movable equipment for university residence halls.

The estimated cost of said Project C is \$6,900,000 exclusive of land and exclusive of any prorata share of the University power and heating plant serving the project and the estimated cost of each portion of said Project C 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 C that the University borrow the sum of \$6,900,000 and in evidence thereof to issue its Housing Revenue Bonds hereunder in said principal amount.

SECTION 2.2. *Terms of 1959 Series C Bonds and 1959 Series D Bonds.* There is hereby created and authorized two additional series of Bonds to be issued under the Resolution as supplemented by this Second 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 Six Million Nine Hundred Thousand Dollars (\$6,900,000) at any one time outstanding, Three Million Four Hundred Fifty Thousand Dollars (\$3,450,000) of which shall be designated "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1959, Series C" (hereinafter called "1959 Series C Bonds"), and the remaining Three Million Four Hundred Fifty Thousand Dollars (\$3,450,000) principal amount thereof shall be designated "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1959, Series D" (hereinafter called "1959 Series D Bonds").

The 1959 Series C Bonds and the 1959 Series D Bonds shall be issued as negotiable coupon Bonds dated October 1, 1959, 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, 1960, in which case they shall be dated October 1, 1959. 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, 1959, payable semi-annually on the first days of April and October in each year until paid, commencing April 1, 1960, at the rates provided below and shall mature in the following amounts on October 1 of the following years:

<i>Year of Maturity</i>	1959 SERIES C BONDS		1959 SERIES D BONDS	
	<i>Amount</i>	<i>Interest Rate</i>	<i>Amount</i>	<i>Interest Rate</i>
1962.....	\$40,000	4 $\frac{3}{8}$ %	\$40,000	3 $\frac{1}{8}$ %
1963.....	40,000	4 $\frac{3}{8}$ %	40,000	3 $\frac{1}{8}$ %
1964.....	40,000	4 $\frac{3}{8}$ %	40,000	3 $\frac{1}{8}$ %
1965.....	40,000	4 $\frac{3}{8}$ %	40,000	3 $\frac{1}{8}$ %
1966.....	40,000	4 $\frac{3}{8}$ %	40,000	3 $\frac{1}{8}$ %
1967.....	50,000	4 $\frac{3}{8}$ %	50,000	3 $\frac{1}{8}$ %
1968.....	50,000	4 $\frac{3}{8}$ %	50,000	3 $\frac{1}{8}$ %
1969.....	50,000	4 $\frac{1}{2}$ %	50,000	3 $\frac{1}{8}$ %
1970.....	50,000	4 $\frac{1}{2}$ %	50,000	3 $\frac{1}{8}$ %
1971.....	50,000	4 $\frac{1}{2}$ %	50,000	3 $\frac{1}{8}$ %
1972.....	60,000	4 $\frac{1}{2}$ %	60,000	3 $\frac{1}{8}$ %
1973.....	60,000	4 $\frac{1}{2}$ %	60,000	3 $\frac{1}{8}$ %
1974.....	60,000	4 $\frac{1}{2}$ %	60,000	3 $\frac{1}{8}$ %
1975.....	60,000	4 $\frac{1}{2}$ %	60,000	3 $\frac{1}{8}$ %
1976.....	70,000	4 $\frac{1}{2}$ %	70,000	3 $\frac{1}{8}$ %
1977.....	70,000	4 $\frac{1}{2}$ %	70,000	3 $\frac{1}{8}$ %
1978.....	70,000	4 $\frac{1}{2}$ %	70,000	3 $\frac{1}{8}$ %
1979.....	80,000	4 $\frac{1}{2}$ %	80,000	3 $\frac{1}{8}$ %
1980.....	80,000	4 $\frac{1}{2}$ %	80,000	3 $\frac{1}{8}$ %
1981.....	90,000	4 $\frac{1}{2}$ %	90,000	3 $\frac{1}{8}$ %
1982.....	90,000	4 $\frac{1}{2}$ %	90,000	3 $\frac{1}{8}$ %
1983.....	90,000	4 $\frac{1}{2}$ %	90,000	3 $\frac{1}{8}$ %
1984.....	100,000	4 $\frac{1}{2}$ %	100,000	3 $\frac{1}{8}$ %
1985.....	100,000	4 $\frac{1}{2}$ %	100,000	3 $\frac{1}{8}$ %
1986.....	100,000	4 $\frac{1}{2}$ %	100,000	3 $\frac{1}{8}$ %
1987.....	110,000	4 $\frac{1}{2}$ %	110,000	3 $\frac{1}{8}$ %
1988.....	110,000	4 $\frac{1}{2}$ %	110,000	3 $\frac{1}{8}$ %
1989.....	120,000	4 $\frac{1}{2}$ %	120,000	3 $\frac{1}{8}$ %
1990.....	120,000	4 $\frac{1}{2}$ %	120,000	3 $\frac{1}{8}$ %
1991.....	130,000	4 $\frac{1}{2}$ %	130,000	3 $\frac{1}{8}$ %
1992.....	130,000	4 $\frac{1}{2}$ %	130,000	3 $\frac{1}{8}$ %
1993.....	140,000	4 $\frac{1}{2}$ %	140,000	3 $\frac{1}{8}$ %
1994.....	150,000	4 $\frac{1}{2}$ %	150,000	3 $\frac{1}{8}$ %
1995.....	150,000	4 $\frac{1}{2}$ %	150,000	3 $\frac{1}{8}$ %
1996.....	160,000	4 $\frac{1}{2}$ %	160,000	3 $\frac{1}{8}$ %
1997.....	160,000	4 $\frac{1}{2}$ %	160,000	3 $\frac{1}{8}$ %
1998.....	170,000	4 $\frac{1}{2}$ %	170,000	3 $\frac{1}{8}$ %
1999.....	170,000	4 $\frac{1}{8}$ %	170,000	3 $\frac{1}{8}$ %
	<u>\$3,450,000</u>		<u>\$3,450,000</u>	

The 1959 Series C Bonds and the 1959 Series D Bonds shall be redeemable prior to their maturity at the option of the Board of Trustees, either in whole or in part, on October 1, 1969, or on any interest payment date thereafter 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>
October 1, 1969 through April 1, 1974.....	3%
October 1, 1974 through April 1, 1979.....	2 $\frac{1}{2}$ %
October 1, 1979 through April 1, 1984.....	2%
October 1, 1984 through April 1, 1989.....	1 $\frac{1}{2}$ %
October 1, 1989 through April 1, 1994.....	1%

All redemptions made on or after October 1, 1994 shall be without premium and all redemptions shall be made in the manner, upon the notice and with the effect provided in Article Three of the Resolution.

SECTION 2.3. *Payment of Principal and Interest.* Both the principal of and the interest on the 1959 Series C and 1959 Series D 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 1959 Series C and 1959 Series D, the interest coupons to be attached thereto, the form of fully registered Bonds without coupons of 1959 Series C and 1959 Series D, 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 1959
(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, 1960, and semi-annually 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 1959, Series, which, with the 1959 Series Bonds constitute an issue of Six Million Nine Hundred Thousand Dollars (\$6,900,000), issued and 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 and Second Supplemental Resolutions thereto duly adopted June 23, 1959 and October 21, 1959, 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 October 1, 1969, 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 October 1, 1969 through April 1, 1974; two and one-half per cent (2½%) of the principal amount thereof if redeemed October 1, 1974 through April 1, 1979; two per cent (2%) of the principal amount thereof if redeemed October 1, 1979 through April 1, 1984; one and one-half per cent (1½%) of the principal amount thereof if redeemed October 1, 1984 through April 1, 1989; one per cent (1%)

of the principal amount thereof if redeemed on October 1, 1989 through April 1, 1994; and without premium if redeemed on October 1, 1994 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, 1957, 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 \$450,000 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 (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 signature of its President and signed by 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, 1959.

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS

Attest:	By
<i>Secretary</i>	<i>President</i>
.....
<i>Member</i>	<i>Member</i>

Number..... (Form of Interest Coupon) \$.....

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 1959, Series, dated, 1959, 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 1959

(Series.....)

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 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, 1960, 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 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 1959, Series, which with the 1959 Series Bonds constitute an issue of Six Million Nine Hundred Thousand Dollars (\$6,900,000), issued and 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 and Second Supplemental Resolutions thereto duly adopted June 23, 1959 and October 21, 1959, 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 October 1, 1969, 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 October 1, 1969 through April 1, 1974; two and one-half per cent (2½%) of the principal amount thereof if redeemed October 1, 1974 through April 1, 1979; two per cent (2%) of the principal amount thereof if redeemed October 1, 1979 through April 1, 1984; one and one-half per cent (1½%) of the principal amount thereof if redeemed October 1, 1984 through April 1, 1989; one per cent (1%) of the principal amount thereof if redeemed on October 1, 1989

through April 1, 1994; and without premium if redeemed on October 1, 1994 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, 1957, 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 \$450,000 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 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 signature of its President and signed by 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 C will become revenue producing on or about September 30, 1961 and therefore that portion of the proceeds of the 1959 Series C Bonds and 1959 Series D 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, 1961, 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 1959 Series C Bonds and the 1959 Series D Bonds, respectively, shall, as required by Section 6.01, 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 Second 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 Second 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 Second Supplemental Resolution and the proceeds thereof except as otherwise expressly provided. All of the terms and provisions of this Second Supplemental Resolution shall be deemed to be a part of the terms and provisions of the Resolution, and the Resolution and this Second Supplemental Resolution shall be read, taken and construed as one and the same instrument. In executing or authenticating any Bond authorized by this Second 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.

.....
President

Attest:

.....
Secretary

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 21st day of October, 1959, 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.

APPROPRIATION FOR LABORATORY BUILDING FOR RADIO TELESCOPE

(8) The Board of Trustees has approved construction of a radio telescope near Danville. Funds were allocated for the construction of a building on this site, but on May 16, 1959, the Board approved reassignment of these funds to finance the construction of a road and power lines at the site.

The need for the building is urgent so that it will be available when the radio telescope is ready to start operations. The building should have about 1,800 to 2,000 square feet of space to house an operations room, a work shop, and living and office space. The estimated cost is \$25,000.

The Dean of the Graduate College recommends an allocation of this amount from supplementary funds anticipated in connection with the fellowship program of the National Defense Education Act. Should such supplementary funds received by the University under this Act fall short of the estimated needs, then the balance, as necessary to bring the total up to but not exceeding \$25,000, would be taken from similar funds received from the National Science Foundation Co-operative Fellowship Program.

The Vice-President and Provost and the Vice-President and Comptroller concur, and I so recommend.

On motion of Mr. Clement, this recommendation was and the assignment of funds were approved by the following vote: Aye, Mr.

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

CONTRACT FOR REPLACEMENT OF ELEVATOR IN GREGORY HALL

(9) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$6,600 to Colley Elevator Company, Chicago, for replacement of the elevator in Gregory Hall. This elevator has been in service for about twenty years and has reached a state of obsolescence which requires high maintenance costs.

Funds are available in the Physical Plant Department budget.

I concur.

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

**CONDEMNATION PROCEEDINGS FOR ACQUISITION OF LAND
ADJOINING UNIVERSITY PROPERTY**

(10) The Buildings and Grounds Committee has approved the acquisition of approximately sixty acres of land located between First Street and the Illinois Central Railroad immediately south of the University property, about a half-mile south of St. Mary's Road. This land is needed by the University for a number of educational purposes, such as the Firemen's Training School, the relocation of the office of and a research building for the Small Homes Council-Building Research Council, replacement for land formerly used by the College of Agriculture and which has been devoted to other purposes, and for other University facilities. The owner of record of this land is Fred V. Percival, but information obtained from him and others indicates that a group, represented by Charles M. Webber, has acquired some interest in the land in addition to any interest therein which Mr. Percival may still retain. Negotiations have been conducted by representatives of the Physical Plant Department and the Vice-President and Comptroller with Mr. Webber, but his clients are unwilling to sell the property to the University except at a price which University officers deem excessive. It is, therefore, necessary for the University to resort to its right of eminent domain in order to acquire the property at a reasonable price.

Accordingly, the Vice-President and Comptroller, the Director of the Physical Plant, and the Legal Counsel recommend adoption of the following resolution, and I concur.

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 that the following described real estate situated in the County of Champaign in the State of Illinois, to-wit:

All of that part of the Southwest Quarter (SW $\frac{1}{4}$) of the Southeast Quarter (SE $\frac{1}{4}$), of Section 24, Township 19 North, Range 8 East of the Third Principal Meridian, in said County which lies East of the Illinois Central Railroad right of way; and all of the Southeast Quarter (SE $\frac{1}{4}$) of the Southeast Quarter (SE $\frac{1}{4}$) of said Section 24; and that part of the Southwest Quarter (SW $\frac{1}{4}$) of Section 19, Township 19 North, Range 9 East of the Third Principal Meridian in said County which lies West of the Public Road (said Public Road being South First Street in the City of Champaign, Champaign County, Illinois, as extended beyond and South of the corporate limits of said City to and through a portion of said Southwest Quarter (SW $\frac{1}{4}$) of said Section 19 and to and through a portion of said Southeast Quarter (SE $\frac{1}{4}$) of the Southeast Quarter (SE $\frac{1}{4}$) of said Section 24); excepting, however, from the foregoing the following described parcels of land, viz:

The South 240 feet of the East 363 feet of said Southeast Quarter (SE $\frac{1}{4}$) of the Southeast Quarter (SE $\frac{1}{4}$) of said Section 24, containing two acres, more or less, and that part of said Southwest Quarter (SW $\frac{1}{4}$) of said Section 19 described as follows:

Beginning at the Southeast corner of said Section 24, running thence North along the East line of said Section 24, a distance of 240 feet; running thence Easterly on a line parallel with the South line of Section 24 to the centerline of said hereinabove mentioned public highway (i.e., South First Street so extended) as the same now exists; running thence Southerly along the centerline of said public highway to a point where said centerline intersects with the South line of Section 24 extended; and running thence Westerly to the place of beginning, as described in Deed Book 483, Page 503 of the records of said County; and

A tract of land situated in said Southeast Quarter (SE $\frac{1}{4}$) of the Southeast Quarter (SE $\frac{1}{4}$) of said Section 24, described and bounded as follows:

Beginning at a point in the East line of said Section 24, said point being 638 feet, more or less, distant North of the Southeast corner of said Section 24 and being marked with an iron pipe; running thence Westerly, along a line parallel to the South line of said Section 24, a distance of 363 feet to an iron pipe; running thence Northerly along a line parallel to the East line of said Section 24, a distance of 120 feet to an iron pipe; running thence Easterly along a line parallel to the South line of said Section 24, a distance of 363 feet to a point on the East line of said Section 24, said point being marked with an iron pipe; running thence Southerly along the East line of said Section 24, a distance of 120 feet, to the place of beginning, containing one acre, more or less; and

A tract of land in the Southwest Quarter (SW $\frac{1}{4}$) of said Section 19, described and bounded as follows:

Beginning at an iron pipe in the East line of said Section 24, said point being 638 feet (more or less) distant North from the Southeast corner of said Section 24; running thence Northerly along the East line of said Section 24, a distance of 120 feet to a corner, said corner being marked with an iron pipe; running thence Easterly along a line parallel to the South line of said Section 24, to the centerline of said hereinabove mentioned public highway (i.e., South First Street so extended) as the same now exists; running thence Southerly along the centerline of said public highway, a distance of 120 feet, to a corner; and running thence Westerly along a line parallel to the South line of said Section 24 to the place of beginning.

is needed by the University of Illinois, an educational institution established and supported by the State of Illinois, as the site for a building and other structures needed and to be constructed by said University of Illinois for 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 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, or any portion thereof, 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 highly 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 property 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 (other than Illinois Bell Telephone Company, Illinois Power Company, and Panhandle Illinois Pipeline Company which own certain easement rights over, under and through said property which said easement rights will not interfere with the public and educational use proposed to be made of said property by said The Board of Trustees of the University of Illinois and, therefore, need not presently be acquired or extinguished by said The Board of Trustees of the University of Illinois) 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. Harewood, Mr. Herrick, Mr. Johnston, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Pogue, Mr. Stratton.

RELOCATION OF FACILITIES FOR ELEMENTARY EDUCATION

(11) The Executive Committee has authorized the removal of one of the "T Dormitories" now in Illini Village to a nearby campus area and remodeling of this building to provide quarters for the elementary education activities of the College of Education, now housed in temporary buildings on the Parade Grounds and which must be removed for construction of the Peabody Drive Residence Halls.

The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of the following orders for additional work required on this project through changes in existing contracts with these contractors:

General work — Oran L. Shoemaker and Company, Champaign.....	\$9 150
Electrical work — Brunkow Electric Company, Champaign.....	3 000
Plumbing work — David W. Reichard Plumbing and Heating, Urbana.....	2 800
Heating work — Reliable Plumbing and Heating Company, Champaign....	1 000
Ventilating work — Schroeder and Sons Company, Champaign.....	500

I concur.

On motion of Mr. Herrick, the Comptroller was authorized to execute these changes in contracts as recommended.

CONTRACT FOR PARKING AND TRAFFIC ENGINEERING STUDIES FOR CHICAGO UNDERGRADUATE DIVISION CAMPUS

(12) The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of a contract with George W. Barton and Associates, Inc., Chicago, for parking and traffic engineering studies as a part of the general planning in connection with the site selection for the Chicago Undergraduate Division. The terms of the contract will provide for the payment of standard professional engineering fees for principals, senior engineers and planners, assistant engineers, and draftsmen, plus out-of-pocket expenses at a total cost estimated not to exceed \$11,000.

I concur in this recommendation.

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

ADDITION TO CONTRACT FOR CENTRAL FOOD STORES BUILDING

(13) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$6,505.67 in the contract with the Felmley-Dickerson Company for revisions in the drainage and paving of Oak Street as part of the construction of the Central Food Stores Building. Because of the freezing of capital appropriations, certain utilities extensions for the Assembly Hall which had been planned to run down Oak Street prior to the paving could not be put in, and alternate plans for grading and pavement must be made so that access to the Food Stores Building can be maintained when the utilities are extended to the Assembly Hall. This involves more paving than originally planned.

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

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

**ADDITION TO CONTRACT FOR ISOLATION BUILDING
ON VETERINARY RESEARCH FARM**

(14) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$3,054.34 in the contract with D. E. MacMillan Associates, Champaign, to accept the alternate for construction of sewage disposal facilities at this building.

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

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

**CONTRACTS FOR CONSTRUCTION OF ADDITION TO ABBOTT POWER
PLANT AND FOR EXTENSION OF UTILITIES DISTRIBUTION SYSTEM**

(15) The Board of Trustees has authorized the awards of contracts for thirteen divisions of work on the construction of an addition to the Abbott Power Plant, extensions of the utilities distribution system and equipment installations, contingent upon the release of funds and provided that the contractors concerned will extend the time during which their bids will be firm.

All but two of the thirteen contractors have agreed to extend the time for acceptance of their bids beyond the date stated in the bid documents. The time now having expired, the proposals of the two contractors have been rejected and their certified checks have been returned. One contractor agreed to a thirty-day extension and will reconsider a further extension at the end of that period. Ten contractors are willing to extend the time their bid prices will be firm to March 1, 1960, and in some cases beyond that date. Accordingly, letters indicating the University's intent to award contracts have been sent to these contractors with a request for their acceptance.

Submitted herewith is a schedule of the contracts involved, the bid prices, and showing which contractors have agreed to extension of time. A copy of this is being filed with the Secretary of the Board for record.

Some of the contractors have asked permission to substitute bid bonds for the certified checks deposited. These are reasonable requests and the Director of the Physical Plant and the Vice-President and Comptroller recommend that substitution of bid bonds for certified checks be authorized.

I concur in the recommendation.

On motion of Mrs. Watkins, this recommendation was approved.

**ADDITION TO CONTRACT FOR FINE ARTS BUILDING
AND KRANNERT ART MUSEUM**

(16) The Dean of the College of Fine and Applied Arts, the Director of the Physical Plant, and the Vice-President and Comptroller recommend an increase of \$4,251.84 in the contract with the Kuhne-Simmons Company, Inc. for general work on the Fine and Applied Arts Building to add a gravel aggregate to the top layer of the concrete patio around the reflecting pool and fountains and an increase

of \$8,227.45 to substitute walnut paneling for birch paneling in the lobbies, gallery, and trim in other areas of the Krannert Art Museum.

A textured surface on the patio is desirable to avoid large surfaces of concrete and the resulting glare and to provide a more compatible design with the marble mass on the surface of the Krannert Art Museum. It will also be less slippery when wet than the concrete finish. The inclusion of walnut paneling is in keeping with the original plans for the building.

Funds are available, and I recommend that the Comptroller be authorized to execute the changes in the contract.

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

EASEMENT FOR DRAINAGE ON WARREN FARM

(17) The Dean of the College of Agriculture and the Vice-President and Comptroller recommend that an easement be granted over the northwest corner of a forty-acre tract owned by the University in Piatt County, which was bequeathed by Mrs. Elizabeth Warren. Mr. Chauncey E. Bates, the owner of the land to the north of this farm, is installing a twelve-inch drainage tile, which needs to cross the University's property. This will benefit the University's property and will also permit the University to connect tile lines to the drainage in the future. The Agricultural Engineering Department estimates that this access will be worth \$140 to the University, and the Vice-President and Comptroller recommends that a contract be approved for the payment of this sum.

I concur 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 that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized for and on behalf of this public corporation to convey to Chauncey E. Bates of Piatt County, Illinois, the right and easement to enter upon the following described lands of said public corporation, to wit:

The Southeast Quarter (SE $\frac{1}{4}$) of the Southeast Quarter (SE $\frac{1}{4}$) of Section Nine (9), Township Twenty (20) North, Range Six (6) East of the Third Principal Meridian (3rd P.M.);

hereinafter referred to as the "servient tenement"; for the placement, construction, operation, repair, maintenance, and location thereupon of a tile drainage system consisting of a single line of tile, 12 inches in diameter, across the Northwest corner of the above servient tenement, for the use of said Chauncey E. Bates for the drainage of farm land owned by him described as follows:

The North One-Half (N $\frac{1}{2}$) of the Southeast Quarter (SE $\frac{1}{4}$) of Section Nine (9), Township Twenty (20) North, Range Six (6) East of the Third Principal Meridian (3rd P.M.) in Piatt County, Illinois,

hereinafter referred to as the "dominant tenement"; including the right of ingress to and egress from said tile system with the necessary tools, machinery, and equipment to perform the acts mentioned; the exact location of said tile drainage system to be determined by agreement between grantee and this public corporation's farm manager, and, once established, to be fixed in said location; said easement and right to be granted for so long as it continues to be used for the purposes herein set forth and to run with the described land now owned by Chauncey E. Bates as set forth above; as consideration for and as a condition of said easement this public corporation to receive the right to make connection with said tile drainage system for the drainage of the servient tenement, said connection to be made at such point in the tile drainage system and at such time within the next five years hereafter as this public corporation may choose.

Be It And It Is Hereby Further Resolved that said Comptroller and Secretary be and they are hereby authorized for and on behalf of this public corporation to execute, acknowledge, and deliver such easements, contracts, and other documents as may to them appear necessary and desirable to accomplish the aforementioned purposes, subject to the approval of the Legal Counsel as to the form and validity of such documents.

On motion of Mr. Herrick, this resolution was adopted, and the payment was authorized.

FORD FOUNDATION GRANT FOR ENGINEERING FACULTY RECRUITMENT AND DEVELOPMENT PROGRAM

(18) The Ford Foundation has approved a grant of \$275,000 to the University of Illinois to be used over a period of three years for experimental projects for strengthening engineering faculties. As announced by the Foundation, "The primary purpose of this Fund is the recruitment by way of doctoral education of as many highly qualified personnel as possible into engineering faculty careers within the next five years. These years are particularly crucial to the future of engineering education. The urgent needs are to add greater scientific and mathematical emphasis to the undergraduate curricula and to increase the number of students preparing for engineering careers at all levels. Thus, the recruitment, preparation and retention of highly qualified faculty personnel is the foremost problem of engineering education. The program outlined is designed to accomplish this purpose by aiding those students or student recruits from industry, government, or engineering faculties, who are seriously interested in an academic career to *complete the doctorate in engineering with reasonable dispatch*. It is characterized by its flexibility and by its *adaptability as a supplement* to other sources of financial aid."

The terms and conditions of the grant are satisfactory to those who will administer the program. It is planned to use \$150,000 of the grant for predoctoral fellowships and loans; \$100,000 for development of faculty at the University of Illinois; and \$25,000 to provide stipends to members of engineering faculties at other institutions so that they may do graduate work at the University of Illinois.

I have accepted the grant on behalf of the University and am pleased to report this action for official record.

This report was received for record.

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.

Item	Department	Vendor	Cost
Printing and binding 1,500 copies of <i>High School Mathematics</i> , student's edition	University Press	Braun-Brumfield, Inc., Ann Arbor, Mich.	\$2 933 00 f.o.b. Ann Arbor, Mich.
Furnish and apply approximately 5,000 gallons MC-O prime, 10,000 gallons MC-5 asphalt and 210 tons each of $\frac{3}{4}$ in. and $\frac{1}{2}$ in. aggregate to parking area east of the Student-Staff Apartments on the south side of Green Street	Physical Plant Storeroom	Illiana Construction Co., Inc., Urbana	5 520 00 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 bid.

I concur.

Item	Department	Vendor	Cost
One radiation counting system consisting of the following: proportional flow counter, detector, decade scaler, high voltage supply, automatic sample changer, printing timer, methane gas, and gas regulator; all for use on 115 volts, 60 cycle current	Agronomy	Picker X-Ray Corp., Chicago	\$3 524 00 f.o.b. delivered
100 tons 50 per cent soybean oil meal for delivery at twenty-five tons per month	Animal Science	Swift & Co., Champaign	6 550 00 f.o.b. mill
Construction of road for the radio-telescope project near Danville	Astronomy	Chism & Miller, Inc., Springfield	10 476 13

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Green slat (aluminum) shades, custom made and installed, for two Botany Department greenhouses	Botany	H. Baldwin, Mamaroneck, N.Y.	\$3 347 00 f.o.b. Mamaroneck, N.Y. including installation
One electronic cell counter and cell analyzer permitting rapid cell counting greater than 6,000 cells per second, relative cell size, and relative cell size distribution	Chemistry and Chemical Engineering	Coulter Electronics, Inc., Chicago	4 100 00 f.o.b. delivered
One Tektronix type 551 dual beam oscilloscope	Electrical Engineering	Tektronix, Inc., Elmwood Park	2 858 95 f.o.b. delivered
One 500/53A scopemobile			
Two type "L" preamplifiers			
Two type "CA" preamplifiers			
Extension of a contract for the development of a prototype line of two millimeter wave equipment	Electrical Engineering	FXR, Inc., Woodside, N.Y.	69 500 00 (maximum)
One surface grinder, 6 in. x 18 in. capacity complete with motor and controls, less trade-in allowance of one DoAll 6 x 18 surface grinder and one John Steptoe 20 in. shaper with Turner Uni-Drive	Mining and Metallurgical Engineering	C. B. Burns Machinery Co., Chicago	2 976 26 f.o.b. delivered
13,000 enfold patients charts	Research and Educational Hospitals	Diebold, Inc., Chicago	2 590 90 delivered
13,000 admission cards			
Printing and binding 1,500 copies of <i>Illinois Legislative Process</i> , by Steiner and Gove, approximately 224 pages per copy	University Press	Pantagraph Printing & Stationery Co., Bloomington	2 665 36 f.o.b. delivered
Printing and binding 6,000 copies of book entitled <i>Fundamentals of Aviation and Space Technology</i>	Institute of Aviation	The Interstate Printers & Publishers, Inc., Danville	5 249 40 f.o.b. Danville
4,000 gallons (approximately) aircraft motor oil to be furnished as requested during period November 1, 1959, through June 30, 1961	Institute of Aviation	Sinclair Refining Co., Champaign	2 600 00 f.o.b. delivered
53,500 purchase order forms	Office Supply Store	Cooke Business Forms, Danville	3 361 53 f.o.b. delivered
50,000 delivery invoice-voucher forms			
12,000 supplemental forms			
Approximately 5,000 bd. ft. of 1 in. No. 3 spruce and 17,000 bd. ft. of 2 in. construction grade fir lumber as ordered for period of November 1, 1959, through January 31, 1960	Physical Plant	Hillcrest Lumber Co., Champaign	3 362 50 f.o.b. 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, 1959.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
G. and W. H. Corson, Inc., National Lime Association, Marblehead Lime Co., and Pozzolan Products Co., Inc.	Prospectus for lime-pozzolan mixtures and lime stabilization of soils	\$13 200 00	August 27, 1959
General Dynamics Corp.	Training and educational research reactor	171 010 00	July 22, 1959
Elizabeth McCormick Memorial Fund	Creative and analytical thinking in gifted children	15 000 00	August 1, 1959
National Educational Television and Radio Center	Determine the relative effectiveness of the use of a series of filmed demonstrations in teacher education for a new high school mathematics curriculum	165 391 00	July 20, 1959
State of Illinois Department of Public Safety	Operation of a fire college and regional fire school programs	150 000 00	July 1, 1959
United States Department of Agriculture 12-14-100-4515(74)	Relationship of processing methods to characteristics of dry bean products	24 869 00	September 10, 1959

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
Win C. Buettgen	Orchestra to play for a dance at Navy Pier, September 26, 1959	\$ 192 00	August 5, 1959
St. Philip High School	Rental of St. Philip high school stadium on October 10 and 31, 1959	270 00	July 14, 1959

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
Hahn, Inc.	One HBK-24 super K Hi-boy; one LP pump kit; one H 8.40 boom kit; one set HD 8 corn drops; one S9 hand gun; seventeen $\frac{1}{4}$ TT-8005 E nozzles	\$ 250 00 annually	May 13, 1959
International Harvester Co.	Rental of farm machinery, nineteen items: \$11.26 to \$1,032.23	5 270 00 annually	July and August, 1959
MacCarthy Ford Tractor Sales, Inc.	One Ford model No. 871 tractor and one Ford model No. 604-1 one-row picker sheller	507 00 annually	August 3, 1959
Massey-Ferguson, Inc.	Two MF 65 tractors; one No. 39 corn planter, with attachments; one No. 36-7' delivery rake; one No. 31-6' mower; one No. 68 lift disk harrow; and one No. 74 three-bottom plow	930 81 annually	September 9, 1959
Mrs. Emery M. Rhodes	Rental of premises at 205 $\frac{1}{2}$ North Street, Normal, Illinois, from September 1, 1959, to June 30, 1961, for the Division of Services for Crippled Children	\$ 2 750 00 (\$125.00 per month)	September 1, 1959

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.	Amino triazole and other compounds as selective weed killers in crops and for the control of perennial weeds	\$ 1 000 00	July 29, 1959
Bendix Product Division, Bendix Aviation Corp.	Thermal diffusivity, thermal conductivity, and elastic moduli of ceramic-metal combinations at elevated temperatures	29 511 58	August 14, 1959
International Cooperation Administration	Technical assistance to Allahabad Agricultural Institute and North Central Region in India	289 900 00	August 13, 1959
Reinforced Concrete Research Council	Multiple panel reinforced concrete floor slabs	20 000 00	September 1, 1959
Tee-Pak Foundation	Various types of films as retardants to deterioration of meat and meat products	3 500 00	June 22, 1959
Tennessee Valley Authority	Effect of credit on fertilizer purchases by farmers in Illinois	4 000 00	July 1, 1959
United States Army DA-11-022-ORD-1980	Tool flank wear	15 248 00	September 1, 1959
United States Army DA-11-022-ORD-1983	Problems relating to the synthesis of one and two terminal-park networks	14 158 00	September 1, 1959
United States Army DA-11-177-AV-582	Pilot training	3 505 25	August 4, 1959
United States Army DA-49-007-MD-421	Transmission of the common cold under controlled conditions	66 696 00	August 31, 1959
United States Navy Nonr-1834(21)	Artificial intelligence computers	48 000 00	August 1, 1959

Adjustments Made in 1958-59 Cost-Plus Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Twenty-three items: \$672.77 deduct to \$175.26	\$ 676 12 ¹	August, 1959

¹ Deduct.

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: \$32.00 deduct to \$950.00	\$ 3 097 00	August and September, 1959

This report was received for record.

APPROPRIATION FOR EQUIPMENT FOR GRADUATE COLLEGE

(21) The Board of Trustees has authorized the purchase of an IBM card to paper tape converter for the Graduate College at a cost of \$5,800. The Vice-President and Provost and the Vice-President and Comptroller recommend an assignment of \$2,900 from the General Reserve for one-half the cost; the other half will be charged against the Graduate College budget.

This machine will replace the present IBM type 063 card controlled type punch used by the Data Processing Committee in the Graduate College which has been decreasing in its accuracy and is impossible to repair. The new equipment will attach to a standard card punch machine and will be accurate and twice as fast as the old machine.

I concur.

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

INVESTMENTS

(22) The Finance Committee reported the following changes in investments of trust funds:

URBANA-CHAMPAIGN*Endowment Funds — General**Purchase*

\$ 32 000	U. S. Treasury bonds	3	8/15/66	\$ 29 080 00
4 000	U. S. Treasury bonds	4	10/1/69	3 930 00
12 000	Southern California Edison	3	9/1/65	11 070 00

*G. A. Miller Endowment Funds**Sale*

\$ 1 000	U. S. Treasury bonds	3¼	6/15/83	\$ 905 00
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*Current Funds**Exchange*

\$2 100 000	U. S. Treasury certificates	1½	8/1/59 for
2 100 000	U. S. Treasury notes	4¾	8/15/60

Purchase

\$ 31 000	U. S. Treasury certificates	1½	8/1/59	\$ 31 019 38
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CHICAGO*City of Chicago Escrow**Exchange*

\$ 31 000	U. S. Treasury certificates	1½	8/1/59 for
31 000	U. S. Treasury notes	4¾	8/15/60

Report of the Comptroller

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

URBANA-CHAMPAIGN

Men's Residence Hall Revenue Bond Fund of 1956 (authorized by Board of Trustees resolutions dated March 23, 1956, minutes page 982, and September 18, 1956, minutes page 49)

Purchase

\$ 113 000	U. S. Treasury bills	9/3/59	\$ 112 507 82
18 000	U. S. Treasury bills	12/10/59	17 818 92

Women's Residence Hall Revenue Bond Fund of 1956 (authorized by Board of Trustees resolution dated September 18, 1956, minutes page 52)

Purchase

\$ 38 000	U. S. Treasury bills	8/20/59	\$ 37 934 98
38 000	U. S. Treasury bills	10/1/59	37 875 18

Men's Residence Hall Revenue Bond Fund of 1957 (authorized by Board of Trustees resolution dated March 12, 1957, minutes page 334)

Purchase

\$ 35 000	U. S. Treasury bills	9/3/59	\$ 34 953 33
126 000	U. S. Treasury bills	11/5/59	125 248 90

Assembly Hall Revenue Bonds Construction Fund (authorized by Board of Trustees resolution dated June 23, 1959)

Purchase

\$ 255 000	U. S. Treasury bills	8/13/59	\$ 254 541 00
406 000	U. S. Treasury bills	9/17/59	404 007 22
423 000	U. S. Treasury bills	10/15/59	419 467 95
354 000	U. S. Treasury certificates	3¾ 11/15/59	353 889 38
281 000	U. S. Treasury bills	12/22/59	276 905 52
108 000	U. S. Treasury bills	1/15/60	105 914 28
52 000	U. S. Treasury certificates	3¾ 2/15/60	51 886 25
37 000	U. S. Treasury bills	3/22/60	35 927 71
200 000	U. S. Treasury bills	4/15/60	193 660 33
1 111 000	U. S. Treasury notes	3¾ 5/15/60	1 102 320 31
3 834 000	U. S. Treasury bills	7/15/60	3 661 103 64
5 000	U. S. Treasury bills	7/15/60	4 786 41
325 000	U. S. Treasury notes	4¾ 8/15/60	326 726 56

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

Purchase

\$ 300 000	U. S. Treasury bills	12/10/59	\$ 296 339 67
200 000	U. S. Treasury bills	11/5/59	198 284 00
300 000	U. S. Treasury bills	10/8/59	298 100 00
322 000	U. S. Treasury bills	9/3/59	321 264 32
75 000	U. S. Treasury bills	1/15/60	74 031 67

Housing Revenue Bonds of 1959 Construction Fund (authorized by Board of Trustees resolution dated June 23, 1959)

Account "A"

Purchase

\$ 98 000	U. S. Treasury notes	3¾ 5/15/60	\$ 97 387 50
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Account "B"

Purchase

\$ 150 000	U. S. Treasury bills	2/4/60	\$ 147 330 00
106 000	U. S. Treasury bills	2/4/60	104 118 59
469 000	U. S. Treasury notes	3¾ 5/15/60	469 598 99
82 000	U. S. Treasury bills	1/14/60	80 770 55
102 000	U. S. Treasury bills	9/10/59	101 821 50
102 000	U. S. Treasury bills	10/8/59	101 528 59
92 000	U. S. Treasury bills	11/12/59	91 287 00
92 000	U. S. Treasury bills	12/10/59	91 080 26

Assembly Hall Revenue Bonds Sinking Fund (authorized by Board of Trustees resolution dated June 23, 1959)

Purchase

\$ 95 000	U. S. Treasury certificates	3¾ 2/15/60	\$ 94 792 19
49 000	U. S. Treasury bills	9/17/59	48 763 71
95 000	U. S. Treasury bonds	2¾ 11/15/60	92 714 06
105 000	U. S. Treasury bonds	2¾ 9/15/61	101 259 38
93 000	U. S. Treasury notes	4 8/1/59	93 058 13
2 000	U. S. Treasury notes	4¾ 8/15/60	2 010 00
2 000	U. S. Treasury certificates	3¾ 2/15/60	1 993 75

Exchange

\$ 93 000	U. S. Treasury notes	4 8/1/59	for
93 000	U. S. Treasury notes	4¾ 8/15/60	

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

Purchase
\$ 59 000 U. S. Treasury bills 9/17/59 \$ 58 841 68

Housing Revenue Bonds of 1959 Sinking Fund (authorized by Board of Trustees resolution dated June 23, 1959)

Purchase
\$ 25 000 U. S. Treasury bills 9/21/59 \$ 24 936 22
25 000 U. S. Treasury bills 3/22/60 24 393 33
23 000 U. S. Treasury notes 4¾ 8/15/60 23 129 38

CHICAGO

Dentistry-Medicine-Pharmacy Building Revenue Bonds — Auxiliary (authorized by Board of Trustees resolution dated December 16, 1953, minutes page 1191)

Purchase
\$ 275 000 U. S. Treasury bills 5/7/59 \$ 273 114 00
30 000 U. S. Treasury bills 11/5/59 29 769 30

Revenue Bond Fund of 1951 Reserve Account (authorized by Board of Trustees resolution dated March 13, 1951)

Purchase
\$ 2 500 U. S. Treasury bonds 2½ 8/15/63 \$ 2 496 88
2 500 U. S. Treasury bonds 2½ 8/15/63 2 356 25
2 500 U. S. Treasury bonds 2½ 8/15/63 2 325 00

This report was received for record.

EXECUTIVE COMMITTEE MEETING

The Secretary submitted the following report of the Executive Committee held in Chicago on Tuesday, September 29, 1959, this being the minutes of said meeting:

Meeting of the Executive Committee on September 29, 1959

On call of the Chairman, the Executive Committee of the Board of Trustees of the University of Illinois met in Room 800, Illinois Central Railroad Terminal Station, 135 East Eleventh Place, Chicago, Illinois, on Tuesday, September 29, 1959, beginning at 2:00 p.m.

The following members of the Committee were present: Mr. Kenney E. Williamson, Chairman, Mr. Wayne A. Johnston, and Mrs. Frances B. Watkins. Also present were Mr. Herbert O. Farber, Vice-President and Comptroller, Mr. Vernon L. Kretschmer, Director of Housing, Mr. Morris S. Kessler, Assistant Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary of the Board.

The Committee considered the following matters of business presented by the Vice-President and Comptroller and the Secretary of the Board on behalf of the President of the University.

Appropriation for Studies for Illinois Commission of Higher Education

The Illinois Commission of Higher Education has requested the University to make a number of studies relating to developing data and other information which the Commission desires for its own study of plans for a unified administration of the state-supported institutions of higher education.

These studies by the University will involve expenditures for which no provision has been made in the budget and an assignment of \$2,500 is requested to supplement the incidental and emergency budget of the President's Office.

On motion of Mr. Johnston, this assignment was made by the following vote: Aye, Mr. Johnston, Mrs. Watkins, Mr. Williamson; no, none; absent, none.

Relocation of Facilities for Elementary Education

Construction of the Peabody Drive Residence Halls necessitates relocation of the College of Education's elementary education activities now housed in temporary buildings on the Parade Grounds.

The Director of the Physical Plant and the Vice-President and Comptroller

recommend that one of the "T Dormitories" now located in Illini Village be removed to the area south of the Alpha Tau Omega fraternity house on Pennsylvania Avenue and remodeled for use by the College of Education to provide space for the elementary education services which can not be housed elsewhere. The remodeled building can be used in the new location for a number of years to come. An assignment of \$38,000 from the General Reserve Fund is recommended for this project.

It is imperative that this work be started as soon as possible. The University has standing cost-plus contracts authorized by the Board of Trustees for remodeling work and this project can be handled through such contracts. Accordingly, the Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of change orders as follows:

General work (including moving of dormitory) — Oran L. Shoemaker and Company, Champaign \$9 500
 Plumbing work — David W. Reichard Plumbing and Heating, Urbana..... 2 400
 Heating work — Reliable Plumbing and Heating Company, Champaign.... 1 200

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.

The President of the University concurs in these recommendations.

On motion of Mrs. Watkins, these recommendations were approved by the following vote: Aye, Mr. Johnston, Mrs. Watkins, Mr. Williamson; no, none; absent, none.

Purchases

The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Energy storage capacitors, low inductance	Electrical Engineering	Tobe Deutschmann Corp., Norwood, Mass.— Item A	\$11 500 00
Item A—Fifty 1.6 mfd, 25,000 peak d.c. voltage		Aerovox Corp., New Bedford, Mass.— Item B	4 700 00
Item B—Twenty 15.0 mfd, 20,000 peak d.c. voltage			f.o.b. delivered
Furnish labor and materials to construct an emergency power generator enclosure	Electrical Engineering	E. H. Grothe, Tolono	3 400 00
First edition of sixty-five-volume Soviet Encyclopedia	Library	Maurice Hindus, New York, N.Y.	f.o.b. job site
One volume Soviet Encyclopedia, 1943			3 000 00
Russian History of the United States, 1942			

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

Contract for Gas Installations for Orchard Place Apartments

It has been found necessary to install standby liquid petroleum equipment to provide gas for 38 of the 120 Orchard Place apartments because the Illinois Power Company can not issue permits to provide the maximum gas service which may be required for all of them. This can be done through a contract change order with the Reliable Plumbing and Heating Company with which the University has a standing cost-plus contract for plumbing and heating work on minor building alterations and repairs. The estimated cost is \$7,134. This estimate has been checked by the Physical Plant Department and is considered a reasonable charge. Moreover there is economy in having this work done by the cost-plus contractor rather than through a subcontractor under the general contractor for the construction of the apartments.

The Director of the Physical Plant and the Vice-President and Comptroller recommend, and the President of the University concurs, that the Reliable Plumb-

ing and Heating Company be authorized to do this work on the basis of a change order in the standing contract with that Company.

On motion of Mrs. Watkins, this recommendation was approved by the following vote: Aye, Mr. Johnston, Mrs. Watkins, Mr. Williamson; no, none; absent, none.

Sale of Bonds for Peabody Drive Residence Halls

Bids were received at 11:00 a.m., September 29, 1959, for the sale of The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1959, Series C and D, to finance construction of the Peabody Drive Residence Halls.

Four bids were received from private companies for \$3,450,000 Series C bonds as follows:

<i>Company</i>	<i>Price</i>	<i>Interest Rates</i>	<i>Effective Interest Rate</i>	<i>Total Interest Cost</i>
F. S. Smithers & Co. and Associates	\$3 400 000 00	4 $\frac{3}{8}$ %, 4 $\frac{1}{2}$ %, 4 $\frac{1}{8}$ %	4.5244	\$4 114 037 50
Blyth & Co. and Associates	3 400 235 82	5, 4 $\frac{1}{4}$ %, 4 $\frac{1}{2}$ %, 4, 6	4.5829	4 167 219 18
John Nuveen & Co. and Associates	3 400 979 70	5, 4 $\frac{3}{4}$ %, 4 $\frac{1}{2}$ %, 4, 6	4.5995	4 182 325 30
White, Weld, & Co. and Associates	3 400 000 00	5, 4.4, 4.5	4.6017	4 184 344 33

No bids were received for the Series D bonds. However, the Housing and Home Finance Agency has issued a letter of intent to execute a Loan Agreement, wherein the federal government will agree to purchase \$3,450,000 Series D bonds at par and accrued interest at an interest rate of 3 $\frac{1}{8}$ %.

The Vice-President and Comptroller recommended that:

1. The Comptroller and Secretary of the Board be authorized to execute a Loan Agreement with the Housing and Home Finance Agency, provided the provisions of the Loan Agreement are acceptable to the Comptroller.

2. The Series C bonds in the amount of \$3,450,000 be sold to F. S. Smithers and Company and Associates at a price of \$3,400,000 plus accrued interest and at an effective interest rate of 4.5244 per cent, which represents the lowest interest cost to the University.

3. The Series D bonds in the amount of \$3,450,000 be sold to the Housing and Home Finance Agency at an interest cost of 3 $\frac{1}{8}$ % per cent in accordance with and pursuant to the above mentioned Loan Agreement.

On motion of Mr. Johnston, these recommendations were approved by the following vote: Aye, Mr. Johnston, Mrs. Watkins, Mr. Williamson; no, none; absent, none.

There being no further business before the Committee, on motion of Mr. Johnston, the Executive Committee adjourned.

A. J. JANATA
Clerk

WAYNE A. JOHNSTON
FRANCES B. WATKINS
KENNEY E. WILLIAMSON
Chairman

DEGREES CONFERRED

The Secretary presented for record the following lists of degrees conferred at Urbana on October 15, 1959.

Summary

Degrees in the Graduate College:

Doctor of Philosophy.....	116
Doctor of Education.....	9
Doctor of the Science of Law.....	1
Master of Arts.....	19
Master of Science.....	47
Master of Music.....	1
Master of Education.....	4
Master of Accounting Science.....	1
<i>Total, Graduate College.....</i>	<i>(198)</i>

Baccalaureate Degrees:

Bachelor of Science, College of Agriculture.....	1
Bachelor of Science, College of Engineering.....	5
Bachelor of Arts, College of Liberal Arts and Sciences.....	4
Bachelor of Science, College of Liberal Arts and Sciences.....	2
Bachelor of Science, College of Education.....	11
Bachelor of Science, College of Commerce and Business Administration..	4
Bachelor of Architecture, College of Fine and Applied Arts.....	1
Bachelor of Science, Division of Special Services for War Veterans....	1
<i>Total, Baccalaureate Degrees.....</i>	<i>(29)</i>
<i>Total, Degrees Conferred.....</i>	<i>227</i>

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Accountancy

CLARENCE GEORGE AVERY, B.S., University of Omaha, 1953; M.S., 1956
 FLOYD WESLEY WINDAL, B.S., M.S., 1952, 1955

In Agricultural Economics

ROLAND CHANT BEVAN, B.S., M.S., University of Minnesota, 1923, 1937
 BILLY JOE BOND, B.S., University of Missouri, 1953; M.S., 1958
 JACK BENNETT CLAAR, B.S., M.S., 1947, 1948
 KENNETH RAY TEFERTILLER, B.S., M.S., Oklahoma State University, 1952, 1957

In Agronomy

JOE LYNN KEY, B.S., University of Tennessee, 1955; M.S., 1957
 MAW SHIU WANG, B.S., Taiwan Provincial College of Agriculture, 1951; M.S.,
 Oklahoma State University, 1956

In Animal Nutrition

HENRY WERNER ESSIG, B.S.A., M.S., University of Arkansas, 1953, 1956
 ROBERT HIRONAKA, B.S., M.S., University of Alberta, 1951, 1953
 GEORGE JIRI KLAIN, B.S.A., Ontario Agricultural College, 1954; M.S., University
 of Toronto, 1955
 RANJAN DAHYABHAI MEHTA, B.S., M.S., University of Bombay, 1953, 1957
 PARTAB TIRATHDAS VARANDANI, B.S., M.S., Agra University, 1950, 1952

In Animal Science

FRANK CROSSMAN HINDS, B.S., Illinois State Normal University, 1952; M.S., 1957
 PAUL HENRY SAMMELWITZ, B.S., Cornell University, 1955; M.S., 1957
 DAVID CLARENCE SNETSINGER, B.S., M.S., 1952, 1957

In Bacteriology

HERBERT MINORU NAKATA, B.S., M.S., 1952, 1956
 MARY LOWELL BRANSON TAYLOR, B.S., University of Idaho, 1954
 WALTER HERMAN TAYLOR, JR., A.B., A.M., Duke University, 1952, 1954

In Botany

VARDA KAHN, B.S., M.S., 1956, 1957

In Ceramic Engineering

WILLIAM RUDOLPH BRATSCHUN, B.S., M.S., 1953, 1957

In Chemical Engineering

JUH WAH CHEN, B.S., Taiwan College of Engineering, 1953; M.S., 1957
 RICHARD FRANCIS GAERTNER, B.S., M.S., West Virginia University, 1955, 1957
 EDWARD MARSHALL ROSEN, B.S., M.S., Illinois Institute of Technology, 1951, 1953

In Chemistry

- RONALD DEAN ARCHER, B.S., M.S., Illinois State Normal University, 1953, 1954
ALEXANDER DEMETRIOS ARGOUEDELIS, Dipl.Chem., National University of Athens, 1953; M.S., 1957
RICHARD ITSUO ASAI, B.S., Oregon State College, 1952
BHARAT BHUSHAN BHATIA, B.S., M.S., University of Delhi, 1952, 1954
JOHN ALLARD CHANDLER, B.S., Ohio University, 1955; M.S., 1958
ADDISON GILBERT COOK, B.S., Wheaton College, 1955
JOHN PICKETT DISMUKES, B.S., Alabama Polytechnic Institute, 1955
PALMER DYAL, A.B., Coe College, 1955
CHRISTIE GEORGE ENKE, B.S., Principia College, 1955; M.S., 1957
HARLAN DAYLE FRAME, JR., A.B., Municipal University of Wichita, 1955; M.S., 1958
JERRY PARKER HEESCHEN, B.S., Western Reserve University, 1953
WILLIAM AVERY HILLS, A.B., A.M., Fisk University, 1954, 1956
RAYMOND HAWES HUNT, B.S., Western Kentucky State College, 1952
CONSTANCE YVONNE KARNES, B.S., South Dakota State College, 1954; M.S., 1956
WILLIAM JOSEPH LENNARZ, B.S., Pennsylvania State University, 1956
DONALD JACKSON MANUS, A.B., Southern Illinois University, 1949; M.S., 1957
JOHN ALFRED McLEAN, JR., B.S., Tennessee Agricultural and Industrial State University, 1948; M.S., 1956
TERRY WILSON MILLIGAN, B.S., Marietta College, 1956
WARREN KENNETH MUSKER, A.B., Bradley University, 1955
JOSEPH HENRY RYAN, JR., B.S., College of St. Thomas, 1954

In Civil Engineering

- JOSEPH HAYNE APPLETON, B.C.E., Alabama Polytechnic Institute, 1947; M.S., 1949
MICHAEL PAUL GAUS, B.S., M.S., 1954, 1956
GEORGE TERRELL MAYES, B.S., University of Texas, 1955; M.S., 1956
DONALD McDONALD, B.C.E., Alabama Polytechnic Institute, 1952; M.S., 1957
GEORGE FRANCIS McDONOUGH, JR., B.S., Marquette University, 1953; M.S., 1956
WILLIAM KENNETH STOCKDALE, B.S., United States Military Academy, 1951; M.S., 1958

In Communications

- FRANCIS EARLE BARCUS, A.B., A.M., 1952, 1956

In Dairy Science

- CARL LEE DAVIS, B.S., Western Kentucky State College, 1952; M.S., University of Kentucky, 1955
ROBERT JAMES FORREST, B.S.A., M.S.A., University of British Columbia, 1954, 1955
ELON WILSON FRAMPTON, A.B., Syracuse University, 1949; M.S., Northwestern University, 1951
ROBERT ARTHUR OPPERMAN, B.S., M.S., 1955, 1956
JOHN REGINALD STAUBUS, B.S., M.S., 1950, 1956

In Economics

- MELVILLE PETERSON, B.S., M.S., Washington University, 1943, 1948

In Education

- SHIRO AMIOKA, B.Ed., Ed.M., University of Hawaii, 1949, 1952
KHOSSROW MOHANDESSI, Bachelor, Tehran University, 1951; A.M., 1956
MARY ANNE RAYWID, A.B., Woman's College of the University of North Carolina, 1949; A.M., 1950
LEONARD FORDYCE SWIFT, A.B., Swarthmore College, 1937; A.M., Harvard University, 1939
YUNG JUIN YU, A.B., Ken-Koku University, 1945; Ed.M., State University of New York Teachers College (Buffalo), 1955

In Electrical Engineering

- JOHN CHARLES BUCHTA, A.B., University of Minnesota, 1949; M.S. (Physics), M.S. (Electrical Engineering) 1951, 1955
 CHENG-LIN CHEN, B.S., National Taiwan University, 1954; M.S., 1956
 DARRELL ELMER CRISS, B.S., Rose Polytechnic Institute, 1943; M.S., 1950
 JOSE BEJAR CRUZ, JR., B.S., University of the Philippines, 1953; M.S., Massachusetts Institute of Technology, 1956
 SAMARENDRAHON DASGUPTA, B.S., M.S., University of Calcutta, 1942, 1944; M.S., 1958
 ANDREW WILLIAM SWAGO, B.S., M.S., Iowa State College, 1946, 1951

In English

- MONTGOMERY MORTON CULVER, JR., A.B., A.M., University of Pittsburgh, 1949, 1950
 STEPHEN FOSTER ELLISTON, Ph.B., A.M., University of Chicago, 1946, 1951
 HAROLD MARVIN HURWITZ, A.B., A.M., Boston University, 1952, 1954
 HAROLD EDMEN PENDLETON, A.B., 1949; A.M., Harvard University, 1952
 ROBIN SCOTT WILSON, A.B., Ohio State University, 1950; A.M., 1951

In Food Technology

- MASUO SUGAI, B.Eng., Keio University, 1946

In French

- JOHN ROSCOE FINN, A.B., University of Western Ontario, 1940; A.M., University of Toronto, 1955

In Geography

- LOIS ELAINE COULSON, B.S., Southern Illinois University, 1944; A.M., Oberlin College, 1946
 RICHARD LOREY DAY, A.B., A.M., Clark University, 1948, 1950
 JAMES WELDON GALLAGHER, B.S., M.S., Illinois State Normal University, 1951, 1952

In Geology

- THOMAS CHARLES BUSCHBACH, A.B., M.S., 1950, 1951

In History

- ROBERT WALES HEYWOOD, A.B., University of Massachusetts, 1955; A.M., 1957
 WALTER THOMAS LUCZYNSKI, A.B., New York University, 1949; A.M., University of Michigan, 1950
 L. WESLEY NORTON, A.B., B.Th., Olivet Nazarene College, 1944, 1945; A.M., 1956
 HERMAN N. WEILL, A.B., B.Ed., University of Miami, 1951, 1951; A.M., 1957

In Horticulture

- JAN WALLACE ABERNATHIE, B.S., M.S., 1951, 1952
 FRANKLIN ALBERT POKORNY, B.S., M.S., 1953, 1956
 MOHAMED TAWFIK HAFEZ RAGAB, B.S., M.S., University of Alexandria, 1949, 1954

In Mathematics

- JAMES ROBERT BOEN, A.B., Dartmouth College, 1956; M.S., 1957
 REECE THOMAS HARRIS, A.B., Reed College, 1955; A.M., 1956
 JAMES TOMEI JOICHI, B.S., Roosevelt College, 1949; M.S., 1956
 DAN HANS LORENZ, B.S., Illinois Institute of Technology, 1953; M.S., University of Chicago, 1955; A.M., 1957
 EDWIN FREDERICK WILDE, JR., B.S., M.S., Illinois State Normal University, 1952, 1953; A.M., 1955

In Mechanical Engineering

- HSIN LANG LI, B.S.E., University of Michigan, 1954; M.S., 1955

In Metallurgical Engineering

- JAMES TRAVIS STANLEY, B.S., M.S., 1952, 1954

In Physical Education

JAMES WOOD TUMA, A.B., Albion College, 1935; A.M., University of Michigan, 1942

In Physics

DWIGHT COMBER BURNHAM, B.S., Iowa State College, 1943; B.S., United States Military Academy, 1946; M.S., 1956
ROGER WALZ SHAW, B.S., University of Rochester, 1955; M.S., 1956

In Physiology

ALEXANDER BORTOFF, B.S., Western Reserve University, 1953; M.S., West Virginia University, 1956
ALPHONSE NICHOLAS WELTER, A.B., Loras College, 1952; M.S., 1957
JOHN WILLIAM YUSKEN, B.S., Northwestern University, 1949; M.S., 1950

In Plant Pathology

HERBERT SPENCER PEPIN, B.S.A., A.M., University of British Columbia, 1954, 1956

In Political Science

MELVIN POTTER STRAUS, B.S., A.M., 1949, 1950

In Psychology

IN-MAO LIU, B.S., National Taiwan University, 1954; M.S., Ohio University, 1957

In Sanitary Engineering

ANTHONY FRANCIS GAUDY, JR., B.S., University of Massachusetts, 1951; M.S., Massachusetts Institute of Technology, 1955

In Sociology

ROBERT VANCE GARDNER, A.B., Northwestern State College (Oklahoma), 1942; A.M., State University of Iowa, 1944

In Spanish

BETTY BAYLISS, A.B., University of Michigan, 1954; A.M., University of New Mexico, 1955

In Speech

WILLIAM BROCK BRENTLINGER, A.B., Greenville College, 1950; A.M., Indiana State Teachers College, 1951
ROBERT EDWARD DAVIS, A.B., A.M., 1947, 1951
JAMES OLIVER MORGAN, A.B., A.M., 1939, 1940

In Statistics

ROGER HAMLIN FARRELL, Ph.B., M.S., University of Chicago, 1947, 1951
MORRIS WOLFE KATZ, A.B., McMaster University, 1954; A.M., 1955
BENJAMIN HENRY MCLEMORE, JR., A.B., Dillard University, 1944; M.S. (Teaching of Mathematics), A.M. (Statistics), 1952, 1955

In Theoretical and Applied Mechanics

HAO-WEN LIU, B.S., Miami University, 1951; M.S. (Management), B.S. (Mechanical Engineering), M.S. (Mechanical Engineering), 1953, 1954, 1956

In Zoology

RICHARD DEAN BREWER, A.B., Southern Illinois University, 1955; M.S., 1957
THEODORE BULKLEY FORD, A.B., M.S., University of Mississippi, 1948, 1949
CHARLES RAYMOND PUGLIA, B.S., Elmhurst College, 1952; M.S., 1953
MARIE TUCKER, A.B., Greenville College, 1936; A.M., 1943

Degree of Doctor of Education*In Education*

- WENDELL GAYLORD ANDERSON, B.Ed., Illinois State Normal University, 1943; A.M., 1949
 HAROLD LEE DEWEESE, B.Ed., Illinois State Normal University, 1941; M.S., 1950
 BERYL REESE DILLMAN, A.B., Olivet Nazarene College, 1949; Ed.M., 1952
 GEORGE ALEXANDER FALCONER, B.S., M.S., Washington University, 1941, 1947
 GEORGE MICHAEL GAZDA, B.S., M.S., Western Illinois University, 1952, 1953
 LEONARD JOSEPH LUCITO, B.S., M.S., 1951, 1953
 EVELYN IRENE ROUNER, A.B., University of Iowa, 1945; M.S., 1951
 EARL WALDO STEININGER, A.B., M.S., 1940, 1950
 WALTER HOLMES WORTH, B.Ed., Ed.M., University of Alberta, 1949, 1952

Degree of Doctor of the Science of Law

- ARJUN PRAKASH AGGARWAL, A.B., LL.B., University of Delhi, 1950, 1953; A.M., Panjab University, 1954

Degree of Master of Arts*In Art Education*

- ROY ARNOLD STEFFENS, B.F.A., 1958

In History

- KENNETH GREGORY BUGAN, A.B., 1952
 THOMAS KELLY, A.B., Pennsylvania State University, 1958
 FREDERICK BENJAMIN MISSE, JR., A.B., University of Kansas, 1958

In Labor and Industrial Relations

- GREGORY ALLEN BARNES, B.S., University of Denver, 1958
 PHILIP ANTHONY CONWAY, A.B., Loras College, 1958
 ROGER CURTIS MCKEE, A.B., Iowa State Teachers College, 1955
 MICHAEL SCHWARTZ, B.S., 1958
 ERNST WALTER STROMSDORFER, A.B., Washington University, 1958
 HIROTOSHI TSUCHIDA, A.B., International Christian University, 1957

In Political Science

- RONALD BERESFORD BAILEY, B.S., Florida Agricultural and Mechanical University, 1958
 GLORIA DONNA BELL, A.B., University of Akron, 1958

In Sociology

- KENNETH JAMES DOWNEY, B.S., State University of New York College for Teachers (Buffalo), 1954
 WILLIAM ALBERT KESSLER, JR., B.S., 1958

In Speech

- RAOUL FENTON JOHNSON, A.B., Austin Peay State College, 1957
 ROGER LEON MEERSMAN, A.B., St. Ambrose College, 1952
 BECHAM RAY ROBINSON, A.B., Georgetown College, 1958
 JIMMY DALE WALLACE, A.B., University of Arkansas, 1958

In the Teaching of English

- GEORGIANNA MARIE GRUBE, B.S., Concordia Teachers College (Illinois), 1958

Degree of Master of Science*In Accountancy*

- ARLIN GALE HARRIS, B.S., 1953

In Advertising

JAMES WILLIAM CAREY, B.S., University of Rhode Island, 1957

In Aeronautical Engineering

DONALD ROGER CHENOWETH, B.S., 1958

JERRY LEE LUNDY, B.S., 1958

EDWARD LENORD WALSH, B.S., 1958

In Agricultural Economics

CARL KENNEDY CLAYTON, B.S., 1958

FOREST CLYDE STORM, B.S., 1955

GEORGE DUANE VON LANKEN, B.S., 1953

BRUCE HALL WRIGHT, B.S., 1958

In Agricultural Engineering

CLARENCE GENE HAUGH, B.S., Pennsylvania State University, 1958

DELBERT LEON PIGG, B.S., 1958

WALTER MATTHEW ROLL, B.S., 1958

In Animal Science

ROBERT KEITH MOHRMAN, B.S., 1958

JAMES HALE SOKOLOWSKI, B.S., 1958

In Chemical Engineering

GARY RICHARD LAYTON, B.Ch.E., University of Dayton, 1958

GEORGE FREDERICK SCHEELE, B.S.E., Princeton University, 1957

In City Planning

OLATUNDE COLE ADEKOYA, A.B., Roosevelt University, 1957

In Civil Engineering

WILLIAM FRANKLIN BUNTE, B.S., 1957

ROBERT LOUIS DINEEN, B.S., University of New Mexico, 1957

CHARLES GORDON HERRINGTON, JR., B.S., Pennsylvania State University, 1955

WILLIAM JAMES NORDELL, B.S., 1958

RAVINDER KUMAR SAHGAL, B.Tech., Indian Institute of Technology, 1956

In Dairy Science

SHRIRANG PARSHURAM NETKE, B.S., University of Bombay, 1950

In Education

RUTH CARMEN BEUKEMA, A.B., Calvin College, 1957

JEAN SCHUBERT RICHARDS, B.S., Illinois State Normal University, 1956

In Electrical Engineering

EDWARD EUGENE KELLUM, B.S., 1958

In Food Technology

CAVIT AKIN, Dipl. Ing., University of Ankara, 1954

ROBERT SHINNOSUKE KITAKA, B.S., 1957

In Geology

DONALD ORIN RIMSNIDER, B.S., 1958

In Home Economics

SANDRA JEAN LEITH, B.S., Michigan State University, 1958

In Library Science

MILDRED DOROTHEA DONOHUE, B.S., University of Maryland, 1938; B.S., Columbia University, 1944

JEANETTE HORTENSE ELPHICK SWICKARD, A.B., Knox College, 1943

In Marketing

JEROME BERNARD KERNAN, B.B.A., University of Cincinnati, 1957

EDWARD JOSEPH KRISTIN, B.S., 1958

In Physical Education

ROBERT CLARENCE FLETCHER, B.S., North Central College, 1956

RALPH ARNOLD GINN, B.S., Tarkio College, 1954

In Physics

JOSEPH ALBERT LIBCHABER, Ingenieur, Ecole Nationale Supérieure des Telecommunications (Paris, France), 1958

In Physiology

JOAN LOUISE MARTIN ARNOLDI, B.S., 1956

HUBERT LOWELL STONE, A.B., Rice Institute, 1958

In Radio and Television

GERALD PATRICK O'FLANAGAN, A.B., University of British Columbia, 1956

In Recreation

JOHN WILLIAM CHURCHILL, B.S., State University of New York Teachers College (Cortland), 1958

WATSON BAUER HOVIS, A.B., Willamette University, 1955

In Theoretical and Applied Mechanics

JOSEPH CHING-FU CHOW, B.S., 1957

In Veterinary Medical Science

EDWIN IVAN PILCHARD, JR., D.V.M., Michigan State University, 1947

In Zoology

CHARLES ROBERT JENKINS, B.S., Eastern Illinois University, 1952

MARY JOLIFFE ROBERTSON, B.Mus.Ed., Cornell University, 1948

WALTER EUGENE WILHELM, A.B., Harris Teachers College, 1955

Degree of Master of Music

ALBERDENA WALL CEDEYCO, B.Mus., University of Rochester, 1927; A.B., Valdosta State College, 1936; A.M., 1938

Degree of Master of Education

NELLE ORR MULLINS, B.S., MacMurray College, 1928

JACK ROBERT ORR, B.S., Illinois State Normal University, 1956

WILLITT SILVESTER PIERCE, B.S., 1956

JUNE ALLEN PRIEST, A.B., Murray State College, 1953

Degree of Master of Accounting Science

JAMES DONALD GIBBONS, B.S., 1958

COLLEGE OF AGRICULTURE**Degree of Bachelor of Science***In Restaurant Management*

DONALD FRANK GWOREK

COLLEGE OF ENGINEERING**Degree of Bachelor of Science***In Aeronautical Engineering*

JURIS BLUKIS

ROBERT EUGENE DAVIS, Honors

In Civil Engineering

JOSEPH EVERETTE WOMBLE

In Engineering Physics

CHARLES GUSTAVE STENBERG

In General Engineering

WILBUR LEROY KNUTSON

COLLEGE OF LIBERAL ARTS AND SCIENCES**Degree of Bachelor of Arts***In Liberal Arts and Sciences*

DAVID FRANK BROWNE

DOUGLAS RAY STUTZ

GERALD RICHARD CARLSON

JUDITH INA NEELESON, Honors in Liberal Arts and Sciences with Distinction in Sociology

Degree of Bachelor of Science*In Liberal Arts and Sciences*

KARLA SWANSON ROFFEE

In Physics

ROBERT CONRAD REITER

COLLEGE OF EDUCATION**Degree of Bachelor of Science***In Education*

JO ANN MARKLAND BUSCH

CECILY DAANEN MOLYNEAUX

IOLA DELBRIDGE HAINES

BRENDA BILINSKY SUMBERG, Honors

In Elementary Education

BERNEDINE GERON CHAMBERLAIN

BETHEL ATWELL HINCHCLIFF

HELEN MYRNA FLIGELMAN

SYLVIA SCHWARTZ

RUTH DANN FULLER

DORIS ANN WOLFF

In the Education of Mentally Handicapped Children

MARTHA LOU MURRAY

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION**Degree of Bachelor of Science***In Accountancy*

ROBERT STANLEY SEELER

SHELDON JAY WEINSTEIN

EDWIN HENRY SHAPIRO

In Management

ROBERT LAWRENCE ESCUTIA

COLLEGE OF FINE AND APPLIED ARTS**Degree of Bachelor of Architecture**

ROBERT EUGENE OLDEN

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

Degree of Bachelor of Science

ROBERT JOSEPH SMOLENSKI

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) change 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.)

- AIBARA, KAGEAKI, Assistant in Food Technology (S), one year from September 1, 1959, \$4400, supersedes (9-18-59).
- AKCASU, ALAEDDIN, Research Associate in Pharmacology (Medicine), one year from September 1, 1959, \$6400 (9-17-59).
- APPELDOORN, HELEN W., Research Associate in the Institute for Research on Exceptional Children, one year from September 1, 1959, \$8000 (10-2-59).
- ARAMBULO, ANGEL, Registered Pharmacist in Manufacturing Pharmacy (Pharmacy), $\frac{3}{4}$ time, one year from September 1, 1959, \$4800 (9-18-59).
- AUBERTIN, MRS. MARY P., Assistant in Horticulture (S), September 10, 1959-August 31, 1960, \$4440 a year (9-28-59).
- BAKEIS, CHARLES J., Research Associate in Anthropology, one year from September 1, 1959, \$6000 (9-19-59).
- BARR, THOMAS R. B., Instructor in the State Natural History Survey (Graduate College), $\frac{3}{4}$ time, one year from September 1, 1959, \$4350, supersedes (9-19-59).
- BARTRAM, HARLAN G. H., Visiting Lecturer in Education (University High School), nine months from September 1, 1959, \$7500, supersedes (9-12-59).
- BASSETT, IAN M., Research Associate in Chemistry, ten months from November 1, 1959, \$5600 a year (9-12-59).
- BAY, MRS. ANCILLA S., Microanalyst in the Department of Chemistry and Chemical Engineering, September 21, 1959-August 31, 1960, \$4700 a year (9-28-59).
- BENGTSON, MARJORIE C., Assistant Reference Librarian, with rank of Instructor in Library Administration (Chicago Undergraduate Division), one year from September 1, 1959, \$5500 (9-17-59).
- BERNSTEIN, MIRIAM-RUTH, Research Assistant in Medicine (Medicine), one year from September 1, 1959, \$4800 (9-12-59).
- BLACK, RICHARD D., Instructor in Agricultural Engineering (S), two months from September 1, 1959, \$541.67 a month, supersedes (9-18-59).
- BLAIR, FRANCES M., Research Associate in Education (University High School), $\frac{3}{4}$ time, academic year beginning September 1, 1959, \$5000 (9-22-59).
- BLANKFIELD, ALAN, Research Associate in the Coordinated Science Laboratory (C), $\frac{1}{2}$ time, eleven months from October 1, 1959, \$3275 a year, supersedes (10-2-59).
- BLANKFIELD, JUDITH, Research Associate in the Digital Computer Laboratory, September 16, 1959-August 31, 1960, \$6115 a year (9-16-59).
- BLUHM, ELAINE A., Research Associate in Anthropology (Graduate College), $\frac{3}{4}$ time, and Instructor in Anthropology (College of Liberal Arts and Sciences), $\frac{1}{4}$ time, one year from September 1, 1959, \$6400 (9-22-59).
- BOERSMA, LARRY, Assistant Professor of Agricultural Engineering (C and S), two years from September 1, 1959, \$7800 a year (9-17-59).
- BOYLE, THOMAS E., Assistant in English, full time, first semester of the academic year, September 16, 1959-January 31, 1960, at the rate of \$3600 a year; and $\frac{3}{4}$ time, second semester of the academic year, February 1-June 15, 1960, at the rate of \$2400 a year, supersedes (10-2-59).
- BRONSTEIN, I. PAT, Professor of Pediatrics (Medicine), $\frac{1}{2}$ time, one year from September 1, 1959, \$7500 a year; and on indefinite tenure from September 1, 1960, without salary (9-16-59).

- CARO, MARCUS R., Research Associate in Oral Pathology (Dentistry), 1/10 time, one year from September 1, 1959, \$700 (9-17-59).
- CHAMBERLAIN, MRS. ARTHA, Assistant in English, September 16, 1959-January 31, 1960, \$400 a month (10-2-59).
- CHAN, PAUL, Instructor in Surgery (Medicine), 7/10 time, one year from September 1, 1959, \$4300 (9-11-59).
- CHAO, JULIA SHIH-FAN YU, Assistant in Pediatrics (Medicine), one year from September 1, 1959, \$4400 (9-12-59).
- CHENG, CHIN HUAN, Research Associate in Mining and Metallurgical Engineering (C), one year from September 1, 1959, \$6500, supersedes (9-17-59).
- CLAYPOOLE, DONNA J., Assistant in Physical Education for Women (Chicago Undergraduate Division), February 1-June 15, 1960, \$2500 (9-4-59).
- COLE, LEE M., JR., Instructor in Medicine (Medicine), one year from September 1, 1959, \$7300 (9-12-59).
- COON, MRS. AGNES J., Resident Assistant in Arbor Suites, five months from September 1, 1959, \$800; for the convenience of the University, she will also be furnished board and room, while on duty, valued at \$31 a month (9-24-59).
- COTTER, ALICE W., Head Resident in Allen Hall (South), ten months from September 1, 1959, \$4400; for the convenience of the University she will also be furnished board and room, while on duty, valued at \$31 a month, supersedes (9-4-59).
- COTTRELL, FRANCES B., Assistant in Education (University High School), nine months from September 16, 1959, \$5000 (9-19-59).
- CRAWFORD, JAMES E., Assistant Manager and Head Resident in the Men's Residence Halls, one year from September 1, 1959, \$4000; for the convenience of the University he will also be furnished board and room valued at \$376 a year (9-19-59).
- CRUZ, JOSE B., JR., Assistant Professor of Electrical Engineering (C), two years from September 1, 1959, to render service during each academic year, \$7800 a year, supersedes (9-28-59).
- DAVID, JOY C. P., Instructor in Pharmacology (Medicine), one year from September 1, 1959, \$6800 (9-11-59).
- DAVIS, CARL L., Research Associate in Dairy Science (C and S), one year from September 1, 1959, \$6000 (9-19-59).
- DAVIS, OSCAR, Research Assistant in Psychiatry (Medicine), July 1, 1959-August 31, 1960, \$4400 a year (9-12-59).
- DENNEN, DAVID A., Research Assistant in Biological Chemistry (Medicine), one year from September 1, 1959, \$4400 (9-11-59).
- DICKERSON, DONALD R., Special Associate Chemist in the State Geological Survey (Graduate College), nine months from October 1, 1959, \$7104 a year (9-28-59).
- DIEERS, HERMAN H., Assistant in English, nine months from September 16, 1959, \$3900, supersedes (10-2-59).
- DOUGHTY, CLYDE C., Research Associate in Biological Chemistry (Medicine), one year from September 1, 1959, \$7000 (9-12-59).
- DRABLOS, CARROLL J. W., Research Associate in Agricultural Engineering (S), one year from September 1, 1959, \$6500 (9-12-59).
- DRAKE, JOHN W., Assistant Professor of Microbiology, two years from September 1, 1959, to render service during each academic year, \$7700 a year (9-16-59).
- DUBOIS, MRS. MARGARET W., Instructor in Anatomy (Medicine), one year from September 1, 1959, \$6500 (9-28-59).
- DUDLEY, WILLIAM A., Assistant in Animal Science (S), one year from September 1, 1959, \$4400 (9-12-59).
- DULANY, DONELSON E., JR., Assistant Professor of Psychology, August 16-31, 1959, \$372.22; this is in addition to his present appointment (9-19-59).
- DUNGAN, DANIEL W., Assistant in English, nine months from September 16, 1959, \$3900, supersedes (10-2-59).
- EASLEY, JOHN A., JR., Visiting Lecturer in Education (University High School), August 10, 1959-January 15, 1960, without salary (9-17-59).
- ENDERBY, CHARLES E., Instructor in Electrical Engineering (C), one year from September 1, 1959, \$5870, supersedes (10-2-59).

- ENGELBRECHT, LLOYD C., Fine Arts Librarian, with rank of Instructor in Library Administration (Chicago Undergraduate Division), one year from September 1, 1959, \$6000 (9-12-59).
- EPPINK, RICHARD T., Instructor in Civil Engineering on $\frac{1}{2}$ time and in Theoretical and Applied Mechanics on $\frac{1}{2}$ time (C), academic year beginning September 1, 1959, \$5600 (9-18-59).
- FALLS, HUGH C., Physician in the Health Service (Chicago Professional Colleges), $\frac{1}{2}$ time, one year from September 1, 1959, \$2100 (9-21-59).
- FARA, HARRY, Research Associate in Mining and Metallurgical Engineering (C), one year from September 1, 1959, \$8000 (9-18-59).
- FIERING, ALVIN, Producer in the Television Station, in the Department of Broadcasting, Television-Motion Pictures (College of Journalism and Communications), $\frac{1}{2}$ time, September 15, 1959-August 31, 1960, \$1600 a year; this is in addition to his nonacademic appointment (9-18-59).
- FINNEY, JOSEPH C. J., Lecturer in Psychology, with rank of Assistant Professor, one year from September 1, 1959, without salary (9-21-59).
- FRANK, JAMES L., Instructor in Applied Materia Medica and Therapeutics (Dentistry), nine months from September 1, 1959, \$5400 (9-12-59).
- FRANZEN, ANNA J., Instructor in Nursing, one year from September 1, 1959, \$7350 (9-17-59).
- FRANZEN, JAMES, Research Assistant in Biological Chemistry (Medicine), September 16, 1959-August 31, 1960, \$4700 a year, supersedes (9-29-59).
- FRIEDERICH, ALLAN G., Associate Professor of Mechanical Engineering (C), on indefinite tenure from September 1, 1959, to render service during each academic year, \$7200 a year, supersedes (9-21-59).
- FRIEND, JAMES, Instructor in English (Chicago Undergraduate Division), academic year beginning September 1, 1959, \$5000, supersedes (9-28-59).
- FRIERMOOD, MARGARET J., Resident Assistant in Allen Hall, ten months from August 24, 1959, \$1600; for the convenience of the University, she will also be furnished board and room, while on duty, valued at \$31 a month, supersedes (9-16-59).
- FU, HELENA SUEN, Instructor in Pharmacy (Pharmacy), academic year beginning September 1, 1959, \$4800 (10-2-59).
- GABALLAH, SAEED S., Research Associate in Biological Chemistry (Medicine), one year from September 1, 1959, \$7400 (9-11-59).
- GALINSKY, ALVIN M., Instructor in Chemistry (Pharmacy), $\frac{1}{2}$ time, academic year beginning September 1, 1959, \$2500 (9-12-59).
- GARMAN, PAUL M., Assistant Coordinator of School and University Articulation (Office of Admissions and Records), $\frac{1}{2}$ time, one year from September 1, 1959, \$3250; this is in addition to his nonacademic appointment (9-11-59).
- GAZDA, GEORGE M., Instructor in Education, academic year beginning September 1, 1959, \$6500 (9-12-59).
- GERENCSEK, VINCENT F., Instructor in Microbiology (Medicine), one year from September 1, 1959, \$7000 (9-11-59).
- GILLESPIE, ELEANOR E., Assistant in English, September 16, 1959-January 31, 1960, \$400 a month (10-2-59).
- GLASER, MILTON R., Staff Physician in the Health Center and in McKinley Hospital, November 1, 1959-May 31, 1960, \$1000 a month (9-22-59).
- GOMBOS, GEORGE, Research Associate in Psychiatry (Medicine), one year from September 1, 1959, \$6000 (9-12-59).
- GOODMAN, WILLIAM I., Associate Professor of City Planning, in the Department of City Planning and Landscape Architecture, $\frac{1}{3}$ time, one month from July 15, 1959, \$310; this is an additional appointment (9-28-59).
- GOTHELF, BERNARD, Research Assistant in Psychiatry (Medicine), one year from September 1, 1959, \$5600 (9-11-59).
- GRAF, WILLIAM, JR., Lecturer in Engineering (Chicago Undergraduate Division), academic year beginning September 1, 1959, \$7000 (9-12-59).
- GRINNELL, MRS. ELEANOR E., Head Resident in Evans Hall, ten months from September 1, 1959, \$3800; for the convenience of the University, she will also be furnished board and room, while on duty, valued at \$31 a month (9-4-59).
- GUEVARA, PEDRO A., JR., Instructor in Full and Removable Partial Dentures (Dentistry), one year from September 1, 1959, \$7250 (9-12-59).

- GUPTA, OM PRAKASH, Assistant Professor of Applied Materia Medica and Therapeutics (Dentistry), two years from September 1, 1959, \$9000 a year (9-11-59).
- GUYON, ETIENNE, Research Associate in Physics (C), $\frac{1}{2}$ time, one year from September 1, 1959, \$3500 (9-12-59).
- HAKE, HAROLD W., Associate Professor of Psychology, August 16-31, 1959, \$461.11; this is in addition to his present appointment (9-19-59).
- HARRIS, NELSON H., Visiting Professor of Education, nine months from September 16, 1959, \$9000 (9-2-59).
- HELLSTROM, WARD, Assistant in English, nine months from September 16, 1959, \$4200, supersedes (10-2-59).
- HEPLER, ROGER W., Research Associate in Horticulture (S), one year from September 1, 1959, \$6200, supersedes (9-28-59).
- HERSCHBACH, KORNELIUS, Research Associate in Physics (C), nine months from December 1, 1959, \$7000 a year (9-12-59).
- HILL, DIETRICH A., Assistant in English, September 16, 1959-January 31, 1960, \$400 a month (10-2-59).
- HILL, HAROLD E., Instructor in Radio and Television, 15/100 time, September 1, 1959-February 29, 1960, to render service during the first semester of the academic year, \$750 (10-2-59).
- HINDELL, MRS. JENNIFER M., Research Assistant in the Illinois Historical Survey (Graduate College), nine months from September 16, 1959, \$3600 (9-19-59).
- HOCH, MRS. ALICE M., Research Assistant in Biological Chemistry (Medicine), one year from September 1, 1959, \$4400 (9-28-59).
- HOFFMAN, JARRETT D., Research Assistant in Agricultural Entomology (S) and in the Illinois Natural History Survey, $\frac{1}{2}$ time, nine months from September 1, 1959, \$200 a month; and full time, three months from June 1, 1960, \$400 a month (9-4-59).
- HOLDEN, MRS. MARGARET, Consultant in the School of Social Work, with rank of Associate Professor, one year from September 1, 1959, \$9750, supersedes (9-16-59).
- HUNT, KENNETH B., Visiting Lecturer in Education (University High School), $\frac{1}{4}$ time, nine months from September 16, 1959, \$1250 (9-17-59).
- HUSEK, TED R., Research Associate in Psychology (College of Liberal Arts and Sciences) and in the Bureau of Educational Research (Graduate College), $\frac{1}{2}$ time, academic year beginning September 1, 1959, \$4200 (9-30-59).
- IHRIG, HARRY K., JR., Lecturer in Mechanical Engineering (C), $\frac{3}{4}$ time, academic year beginning September 1, 1959, \$4950, supersedes (9-21-59).
- IRGENS, MRS. BARBARA A., Research Assistant in Microbiology, September 16, 1959-August 31, 1960, \$4400 a year (9-28-59).
- JACOBS, PAUL I., Research Associate in Psychology, academic year beginning September 1, 1960, \$5400 (9-22-59).
- JAMNIK, DARKO, Research Associate in Physics (C), four months from September 1, 1959, \$600 a month (9-11-59).
- JANSEN, MATHILDA J., Research Assistant Professor, Psychology Department and Institute for Research on Exceptional Children, academic year beginning September 1, 1959, \$6600 (9-24-59).
- JENNE, WILLIAM C., Research Associate in the Institute for Research on Exceptional Children, one year from September 1, 1959, \$6000 (9-30-59).
- JONES, G. EDWARD, Assistant in English, nine months from September 16, 1959, \$4100 (10-2-59).
- JONES, MARGARET F., Research Assistant in Medicine (Medicine), September 8, 1959-August 31, 1960, \$260 a year (9-28-59).
- JORDAN, LAURA J., Research Associate in the Institute for Research on Exceptional Children, one year from September 1, 1959, \$6000 (9-19-59).
- KAPPAUF, WILLIAM E., Professor of Psychology, August 16-31, 1959, \$1300 a month; this is in addition to his present appointment (9-16-59).
- KAZALLA, GUNTHER J., Instructor in Dentistry (Dentistry), $\frac{1}{2}$ time, eleven months from October 1, 1959, \$3300 a year (10-2-59).
- KENYON, RICHARD J., Research Assistant in Electrical Engineering (S), one year from September 1, 1959, \$5100, supersedes (9-12-59).
- KIBLER, VICTOR A., Lecturer in Architecture, academic year beginning September 1, 1959, \$6000 (9-11-59).

- KINGERY, ROSS A., Assistant Editor in the College of Engineering, September 21, 1959-August 31, 1960, \$5200 a year (9-29-59).
- KLOTZ, LOUIS H., Research Associate in Civil Engineering (S), academic year beginning September 1, 1959, \$6000 (9-18-59).
- KOCH, ANITA, Assistant in Nursing, seven months from September 1, 1959, \$400 a month, supersedes (9-28-59).
- KOCH, MRS. HARRIETT B., Instructor in Nursing, $\frac{3}{8}$ time, academic year beginning September 1, 1959, \$3600 (9-17-59).
- KORMENDY, CHARLES G., Assistant in Chemistry (Pharmacy), nine months from September 16, 1959, \$3600 (9-12-59).
- KOUSKOLEKAS, COSTAS, Research Assistant in Agricultural Entomology (S) and in the Illinois Natural History Survey, $\frac{1}{2}$ time, nine months from September 1, 1959, \$200 a month; and full time, three months from June 1, 1960, \$400 a month (9-4-59).
- KUPPERMANN, ARON, Research Assistant Professor of Chemistry, September 1-November 15, 1959, \$1890, supersedes (9-16-59).
- KYSAR, JOHN E., Instructor in Hygiene in the Health Service (Chicago Undergraduate Division), $\frac{1}{2}$ time, academic year beginning September 1, 1959, \$1000 (9-12-59).
- LANDIS, MARTHA, Illini Union Browsing Room Librarian, with rank of Instructor, one year from September 1, 1959, \$5500, supersedes (9-16-59).
- LANGE, CHARLES, Research Assistant in Biological Chemistry (Medicine), one year from September 1, 1959, \$5000 (9-11-59).
- LENNOX, EDWIN S., Associate Professor of Biochemistry, indefinite tenure beginning September 1, 1959, \$13,000 a year (8-1-59).
- LI, HSIEN L., Research Associate in Mechanical Engineering (S), academic year beginning September 1, 1959, \$6000 (9-4-59).
- LIAY, LOUIS D., Head Resident and Assistant Manager of Men's Residence Halls, one year from September 1, 1959, \$4000 (9-19-59).
- LOFGREN, LARS E., Visiting Research Associate in Electrical Engineering (S), eleven months from October 1, 1959, \$8500 a year, supersedes (9-19-59).
- LOWE, JOHN A., Research Assistant in Agricultural Entomology (S) and in the Illinois Natural History Survey, $\frac{1}{2}$ time for nine months from September 1, 1959, \$200 a month, and full time, three months from June 1, 1960, \$400 a month (9-4-59).
- LUX, DONALD G., Associate Professor of Industrial Education, indefinite tenure, to render service during each academic year; Assistant Dean of the College of Education and Counselor on the University Council on Teacher Education, for the academic year, beginning September 1, 1959, \$9100 a year, supersedes (9-18-59).
- MANN, GEORGE C., Visiting Professor of Education, Bureau of Educational Research, academic year beginning September 1, 1959, without salary (9-28-59).
- MART, DOROTHY J., Assistant in Physical Education for Women (Chicago Undergraduate Division), September 16, 1959-January 31, 1960, \$2500 (9-4-59).
- MARTIN, DAVID M., Assistant in English, full time, September 16, 1959-January 31, 1960, \$400 a month; $\frac{3}{4}$ time, February 1-June 15, 1960, \$266.67 a month, supersedes (10-2-59).
- MATUGA, JOSEPH, Instructor in Crowns and Fixed Partial Dentures (Dentistry), $\frac{1}{2}$ time, one year from September 1, 1959, \$3300 (9-12-59).
- MCDONOUGH, MRS. LOUISE G., Bibliographer, with rank of Instructor, in the Library, $\frac{1}{2}$ time, nine months from September 1, 1959, \$2800 a year (9-12-59).
- McFATE, PATRICIA A., Assistant in English (Chicago Undergraduate Division), September 16, 1959-January 31, 1960, \$2100 (9-17-59).
- McINTYRE, LUCY M. S., Resident Assistant in Allen Hall, ten months from August 24, 1959, \$1600; for the convenience of the University she will also be furnished board and room, while on duty, valued at \$31 a month, supersedes (9-16-59).
- McQUEEN, WILLIAM A., Assistant in English, nine months from September 16, 1959, \$3900, supersedes (10-2-59).
- MEDENIS, RUTE, Instructor in Pediatrics (Medicine), one year from September 1, 1959, \$5500 (9-11-59).
- MISIASZEK, EDWARD T., Instructor in Theoretical and Applied Mechanics on $\frac{1}{2}$ time and in Civil Engineering on $\frac{1}{2}$ time (C), academic year beginning September 1, 1959, \$6300, supersedes (9-21-59).

- MORETTI, ANTONIO, Research Associate in the Radiocarbon Laboratory, one year from September 1, 1959, \$5400 (9-19-59).
- MORLEDGE, GEORGE A., Instructor in Architecture, academic year beginning September 1, 1959, \$6000 (9-25-59).
- MURTHA, JOSEPH P., Research Associate in Civil Engineering (S), $\frac{3}{4}$ time, for the academic year beginning September 1, 1959, \$3720, supersedes (9-11-59).
- MYRICK, VESTA T., Resident Assistant in the Arbor Suites, ten months from August 24, 1959, \$1600; for the convenience of the University she will also be furnished apartment and meals when the dining rooms are open (9-16-59).
- NAIR, MOHAN D., Research Associate in Chemistry, October 21, 1959-August 31, 1960, \$6500 a year (9-16-59).
- NELSON, WILLIAM R., JR., Instructor in Horticulture (E), ten months from November 1, 1959, \$8000 a year (10-2-59).
- NISHIDA, TOSHIRO, Assistant Professor of Food Technology (S), September 16, 1959-August 31, 1960, \$7350 a year, supersedes (9-29-59).
- NOON, ZENAS B., Research Assistant in Agricultural Entomology (S) and in the Illinois State Natural History Survey, $\frac{1}{2}$ time, nine months from September 1, 1959, \$200 a month; full time, three months from June 1, 1960, \$400 a month (9-4-59).
- NORA, JOSEPH R., Instructor in Medicine (Medicine), $\frac{1}{2}$ time, two months from September 1, 1959, \$792 (9-11-59).
- NOSKER, HERBERT D., Assistant Extension Editor with rank of Instructor (E), one year from September 1, 1959, \$5800 (9-5-59).
- ODERKIRK, LILA J., Instructor in Home Economics (C), academic year beginning September 1, 1959, \$4800 (9-12-59).
- OHLSSEN, MERLE M., Professor of Education, August 9-22, 1959, \$568; this is in addition to his present appointment (9-19-59).
- OTSU, TAKAYUKI, Research Associate in Chemistry, September 8, 1959-August 31, 1960, \$6000 a year (9-16-59).
- PAGE, DONALD M., Assistant in the Institute of Aviation, nine months from September 16, 1959, \$475 a month (9-16-59).
- PARROTT, DELORES L., Instructor in Home Economics 4-H Club Work (E), eleven months from October 1, 1959, \$6750 a year (9-11-59).
- PASK, ANDREW G., Visiting Research Assistant Professor of Electrical Engineering (S), two months from September 1, 1959, \$750 a month (9-12-59).
- PASKO, MICHAEL, Assistant in English, nine months from September 16, 1959, \$4100, supersedes (10-2-59).
- PEASLEY, MELVIN L., Assistant in Agronomy (S), one year from September 1, 1959, \$4800 (9-4-59).
- PICKARD, JESSE R., Assistant Professor of Veterinary Extension (Veterinary Medicine), two years from September 1, 1959, \$9500 a year, supersedes (9-12-59).
- POTEMPA, SYLVESTER, Instructor in Chemistry (Chicago Undergraduate Division), $\frac{1}{2}$ time, academic year beginning September 1, 1959, \$2800 (10-2-59).
- PULOS, PETER, Clinical Instructor in Medicine (Medicine), 15/100 time, one year from September 1, 1959, \$900 (9-11-59).
- RACKIN, DONALD, Assistant in English, nine months from September 16, 1959, \$3600, supersedes (10-2-59).
- RANSFORD, RALPH E., Instructor in Anatomy (Medicine), $\frac{1}{2}$ time, nine months from October 1, 1959, to render service during the academic year, \$3240 (9-12-59).
- RAUSCH, GEORGE J., JR., Research Assistant in History, nine months from September 16, 1959, \$3600, supersedes (10-2-59).
- REID, ERNEST A., Professor of Electrical Engineering (C), $\frac{1}{2}$ time, academic year beginning September 1, 1959, \$4500 (10-2-59).
- REYNOLDS, HARRY A., JR., Instructor in Veterinary Pathology and Hygiene (Veterinary Medicine), $\frac{3}{4}$ time, September 15, 1959-August 31, 1960, \$4350 a year (10-7-59).
- RHODES, CHARLOTTE K., Assistant in Home Economics (S), one year from September 1, 1959, \$4800 (9-4-59).
- RICH, CATHERINE L., Research Assistant in Neurology-Neurological Surgery-Epilepsy (Medicine), one year from September 1, 1959, \$6072, supersedes (9-28-59).

- ROBERTS, ELMER, Professor of Home Economics (C), $\frac{1}{4}$ time, September 16, 1959-January 31, 1960, \$1125 (9-29-59).
- RODDA, ERROL D., Research Associate in Agricultural Engineering (S), one year from September 1, 1959, \$6800, supersedes (9-12-59).
- ROLFE, STANLEY T., Research Associate in Civil Engineering (C and S), academic year beginning September 1, 1959, \$5400 (9-18-59).
- ROSENSTEIN, HERBERT R., Instructor in Applied Materia Medica and Therapeutics (Dentistry), $\frac{3}{4}$ time, one year from September 1, 1959, \$2700 (9-11-59).
- ROSS, MRS. LINNEA C., Coordinator of Arbor Village, ten months from September 1, 1959, \$2400; for the convenience of the University she will also be furnished board and room, while on duty, valued at \$31 a month, supersedes (9-4-59).
- RUCKER, SYLVIA M. B., Research Assistant in Chemistry, one year from September 1, 1959, \$4400 (9-11-59).
- RUDNICK, ROLAND, Instructor in Crowns and Fixed Partial Dentures (Dentistry), one year from September 1, 1959, \$6750, supersedes (9-12-59).
- RURIK, ELEANOR A., Registered Pharmacist in Hospital Pharmacy (Research and Educational Hospitals and Pharmacy), September 9, 1959-August 31, 1960, \$6000 a year (9-28-59).
- SACHS, HENRIETTA K., Instructor in Pediatrics (Medicine), one year from September 1, 1959, \$5500 (9-12-59).
- SALKAUSKAS, NIJOLE A., Instructor in Applied Materia Medica and Therapeutics (Dentistry), one year from September 1, 1959, \$6600 (9-17-59).
- SANDINE, WILLIAM E., Research Associate in Dairy Science (S), one year from September 1, 1959, \$6000 (9-17-59).
- SARIOGLU, M. KEMAL, Visiting Assistant Professor of Electrical Engineering (C), nine months from September 16, 1959, \$6200, supersedes (9-17-59).
- SAVOY, MICHAEL, Instructor in Chemistry (Chicago Undergraduate Division), $\frac{1}{2}$ time, academic year beginning September 1, 1959, \$2800 (10-2-59).
- SCHACHT, SYLVIA, Assistant in English, September 16, 1959-January 31, 1960, \$400 a month (10-2-59).
- SCHIEER, IVAN H., Research Associate in Psychology, $\frac{1}{2}$ time, September 1, 1959-February 29, 1960, \$1875 (10-6-59).
- SCHNEIDER, BERNARD, Instructor in Orthodontics (Dentistry), $\frac{3}{10}$ time, one year from September 1, 1959, \$2100, supersedes (9-28-59).
- SCHOONOVER, WARREN R., Professor of Soils (Agronomy) (C), assigned to India under the provisions of Contract ICA-W-48, September 21, 1959-September 20, 1961, \$14,000 a year (9-10-59).
- SCHUCKMELL, NATALIE, Research Associate in Preventive Medicine (Medicine), ten months from September 1, 1959, \$5708 (10-3-59).
- SCHWEMM, MRS. BARBARA, Research Assistant in Chemistry, eleven months from October 1, 1959, \$4800 a year (10-2-59).
- SHAFTER, HAROLD A., Instructor in Medicine (Medicine), ten months from November 1, 1959, \$8600 a year (9-12-59).
- SHANNON, DONALD T., Assistant Professor of Psychology, academic year beginning September 1, 1959, \$7400 (9-16-59).
- SHARAF, HUSSEIN A., Research Assistant in Accountancy, August 21, 1959-August 20, 1960, \$5000, supersedes (9-16-59).
- SHENOI, B. ANANTHA, Instructor in Electrical Engineering (C), $\frac{1}{2}$ time, academic year beginning September 1, 1959, \$2400, supersedes (9-17-59).
- SHEPPARD, ALAN J., Assistant in Animal Science (S), one year from September 1, 1959, \$4800 (9-22-59).
- SIEGEL, MORRIS, Visiting Professor of Anthropology, ten months from September 1, 1959, \$9600, supersedes (10-2-59).
- SIMIOS, NICHOLAS L., Instructor in Operative Dentistry (Dentistry), $\frac{1}{2}$ time, eleven months from October 1, 1959, \$3500 a year (9-29-59).
- SISSON, DONALD R., Instructor in Agricultural Engineering (C), $\frac{1}{2}$ time, September 16, 1959-August 31, 1960, \$3000 a year (9-12-59).
- SMITH, CECIL D., Assistant Dean of the College of Agriculture for two years, with rank of Professor on indefinite tenure, beginning September 1, 1959, \$11,000 a year, supersedes (9-24-59).
- SMITH, GARMOND S., Research Associate in Animal Science (S), September 15, 1959-August 31, 1960, \$5500 a year (10-12-59).

- SMITH, LYNORA M., Assistant in English (Division of English for Foreign Students), nine months from September 16, 1959, \$4400 (10-2-59).
- SPAETH, JOE L., Instructor in Social Sciences (Chicago Undergraduate Division), $\frac{2}{3}$ time, academic year beginning September 1, 1959, \$2200 (10-2-59).
- STACHNIAK, JOSEPH J., Instructor in Dentistry (Dentistry), one year from September 1, 1959, \$6600 (9-12-59).
- STAUBUS, JOHN R., Research Associate in Dairy Science (C and S), one year from September 1, 1959, \$6000 (9-18-59).
- STEEFEL, NINA M., Research Associate in Education (University High School), academic year beginning September 1, 1959, \$4500 (9-16-59).
- STEINER, GAAR W., Assistant in the Institute of Aviation, nine months from September 16, 1959, \$475 a month (9-18-59).
- STEMMLER, ROSEMARIE, Assistant Professor of Mathematics, academic year beginning September 1, 1959, \$6000 (10-2-59).
- STEWART, CHARLES L., Consultant, Guide Lines for Appraisals in Agricultural Economics (S), $\frac{1}{2}$ time, September 16, 1959-August 31, 1960, \$6300 a year, supersedes (9-28-59).
- STEWART, MRS. CONSTANCE L., Head Resident in the Student Residence, September 1, 1959-January 31, 1960, \$800; for the convenience of the University she will also be furnished board and room, while on duty, valued at \$31 a month (9-22-59).
- STREHL, FRANCIS W., Clinical Instructor in Surgery (Medicine), $\frac{1}{2}$ time, one year from September 1, 1959, \$3000 (9-12-59).
- SUCHMAN, J. RICHARD, Assistant Professor of Education, $\frac{1}{2}$ time, August 9-31, 1959, \$384; this is an additional appointment (9-19-59).
- SWAGO, ANDREW W., Associate Professor of Electrical Engineering (C), indefinite tenure from October 1, 1959, to render service during each academic year, \$8400 a year, supersedes (9-28-59).
- SWALLOW, RONALD J., Research Assistant in the Coordinated Science Laboratory (C), one month from September 1, 1959, \$500 (10-2-59).
- SWANSON, WILLIAM P., Research Associate in Physics (C), January 1-August 31, 1960, \$7500 a year (9-16-59).
- SWOISKIN, BERNARD L., Clinical Instructor in Orthodontics, without salary, and Orthodontist to Cleft Palate Training Program (Dentistry), $\frac{1}{3}$ time, one year from September 1, 1959, \$1500, supersedes (9-11-59).
- SYMS, WALTER J., Instructor in Crowns and Fixed Partial Dentures (Dentistry), $\frac{1}{2}$ time, one year from September 1, 1959, \$3500 (9-12-59).
- SZYMANSKI, FREDERICK J., Clinical Associate Professor of Dermatology (Medicine), 16/100 time, indefinite tenure from September 1, 1959, \$2400 a year, supersedes (9-11-59).
- TACCHI, DEREK, Visiting Instructor in Obstetrics and Gynecology (Medicine), five months from September 1, 1959, \$2500 (9-11-59).
- TAVARES, DONALD F., Research Assistant in Chemistry, one year from September 1, 1959, \$5200 (9-28-59).
- TAYLOR, MRS. JANE L., Assistant in Botany (College of Liberal Arts and Sciences), $\frac{1}{2}$ time, \$1800, and Research Assistant in Botany (Graduate College), $\frac{1}{2}$ time, \$2000, nine months from September 16, 1959 (9-11-59).
- TELLING, MRS. FERN H., Assistant Head Resident in the Lincoln Avenue Residence (North), ten months from September 1, 1959, \$3800; for the convenience of the University she will also be furnished meals, while on duty, valued at \$21 a month, supersedes (9-12-59).
- TERRILL, ROBERT E., Assistant in English (Chicago Undergraduate Division), nine months from September 16, 1959, \$4000 (10-2-59).
- TRIANDIS, ANN L. M., Assistant Professor of Psychology, $\frac{1}{3}$ time, academic year beginning September 1, 1959, \$2400 (9-16-59).
- TUSHAUS, JAMES P., Instructor in Marketing, and Student Counselor in the College of Commerce and Business Administration, $\frac{3}{4}$ time, academic year beginning September 1, 1959, \$3300, supersedes (9-24-59).
- UGGERBY, OVE W., Research Associate in Agricultural Engineering (S), one year from September 1, 1959, \$7200 (9-12-59).
- VANBEAUMONT, SHEILA L., Assistant in Physical Education for Women, September 16, 1959-January 31, 1960, \$2350 (9-24-59).
- VANDI, ANTONIO F., Research Associate in Chemistry, seven months from August 16, 1959, \$5500 a year, supersedes (9-28-59).

- VAUGHAN, H. E., Professor of Mathematics (College of Liberal Arts and Sciences and Graduate College), academic year beginning September 1, 1959, \$11,000, and thereafter Professor of Mathematics (College of Liberal Arts and Sciences), indefinite tenure, to render service during each academic year, at an annual rate of \$9000 a year, supersedes (9-18-59).
- VENEMA, WILLIAM, JR., Instructor in Operative Dentistry (Dentistry), $\frac{3}{4}$ time, one year from September 1, 1959, \$2700 (9-11-59).
- VISOTSKY, HAROLD, Clinical Assistant Professor of Psychiatry (Medicine), $\frac{1}{2}$ time, two years from September 1, 1959, \$2100 a year (9-28-59).
- WAHL, NORMAN, Instructor in Crowns and Fixed Partial Dentures (Dentistry), one year from September 1, 1959, \$6600 (9-12-59).
- WALKER, RICHARD D., Physics Librarian, with rank of Instructor, one year from September 1, 1959, \$6750, supersedes (9-12-59).
- WEI, CHUAN-TSENG, Research Associate in Mining and Metallurgical Engineering (C), one year from September 1, 1959, \$6500, supersedes (9-17-59).
- WEST, DAVID W., Research Associate in Chemistry, one year from September 1, 1959, \$6000, supersedes (9-16-59).
- WESTLUND, CLAY D., Instructor in Electrical Engineering (C), academic year beginning September 1, 1959, \$7330, supersedes (9-17-59).
- WESTON, PATRICIA G., Research Assistant in Chemistry, September 1, 1959-February 15, 1960, \$400 a month (9-30-59).
- WETMORE, LOUIS B., Head of the Department of City Planning and Landscape Architecture and Director of the Bureau of Community Planning, $\frac{1}{2}$ time, one month from July 15, 1959, \$235; this is an additional appointment (9-28-59).
- WIGDERSON, HARRY I., Instructor in Education, one year from September 1, 1959, \$6000 (9-17-59).
- WILSON ALLAN M., Cataloger, with rank of Instructor, in the Library, eleven months from October 1, 1959, \$5800 a year, supersedes (10-2-59).
- WOLFE, MARTIN S., Research Associate in Education (University High School), academic year beginning September 1, 1959, \$5500, supersedes (9-19-59).
- WOLTER, JANET M., Clinical Assistant Professor of Preventive Medicine (Medicine), $\frac{1}{2}$ time, two years from September 1, 1959, \$2000 a year (9-11-59).
- WOODS, GEORGE T., Associate Professor of Veterinary Microbiology and Public Health; Associate Professor of Veterinary Research, Department of Veterinary Pathology and Hygiene (College of Veterinary Medicine) and of Veterinary Research (Agricultural Experiment Station), indefinite tenure from September 1, 1959, \$9600 a year, supersedes (9-21-59).
- YAEGER, JAMES A., Assistant Professor of Histology (Dentistry), two years from September 1, 1959, \$8500 a year (9-12-59).
- YOKOYAMA, KATSUYUKI, Assistant Professor of Pharmacognosy (Department of Pharmacognosy and Pharmacology) (Pharmacy), academic year beginning September 1, 1959, \$6500 (9-12-59).
- YOUNG, POH-SHIEN, Instructor in Physics (Chicago Undergraduate Division), academic year beginning September 1, 1959, \$6600 (10-2-59).

GRADUATE FELLOWS

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

- AMIN, RAJNIKANT BABUBHAI, Lead Industries Association Fellow in Ceramic Engineering, nine months from September 16, 1959, \$2000 (9-10-59).
- BAER, DANIEL, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), ten months from September 1, 1959, \$600 (9-8-59).
- BIRNBAUER, JAY S., Center for Handicapped Children Fellow (Trainee) in Psychology (Chicago Professional Colleges), one year from September 1, 1959, \$3200 (9-15-59).
- BLANKENSHIP, VORRIS J., IBM Fellow in Statistics (Data Processing), nine months from September 16, 1959, \$1800, supersedes (9-22-59).
- BUNCE, DONALD F. M., II, United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), one year from September 1, 1959, \$3200 (9-10-59).
- CHURCH, MARTHA J., University Fellow in the Chicago Professional Colleges, nine months from September 1, 1959, \$1500 (9-2-59).

- COST, JAMES R., Union Carbide Metals Company Fellow in Mining and Metallurgical Engineering, nine months from September 16, 1959, \$2100 (9-16-59).
- EIDLIC, LIA, Rockefeller Fellow in Microbiology, nine months from September 16, 1959, \$1500 (10-1-59).
- FRIEDES, JOSEPH L., IBM Fellow in Physics, nine months from September 16, 1959, \$2500 (9-15-59).
- GAUDY, ELIZABETH, Rockefeller Foundation Fellow in Microbiology, nine months from September 16, 1959, \$1500 (9-11-59).
- GENTRY, DAVID K., United States Public Health Service Fellow (Trainee) in Education, nine months from September 16, 1959, \$2000 (9-2-59).
- GILBERT, DEWEY, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), ten months from September 1, 1959, \$60 a month (9-15-59).
- GREEN, AARON, Fellow in Labor and Industrial Relations, September 16, 1959-January 31, 1960, \$900 (9-29-59).
- HAERTLING, GENE H., Lead Industries Association Fellow in Ceramic Engineering, nine months from September 16, 1959, \$2000 (9-8-59).
- HAYASHI, MASAKI, Rockefeller Foundation Fellow in Microbiology, nine months from September 16, 1959, \$1500 (9-11-59).
- HOFMANN, LORENZ M., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1959, \$1800 (9-17-59).
- HUNT, J. M., Commonwealth Senior Scientist Postdoctoral Fellow in Psychology, one year from September 1, 1959, \$14,000 (9-17-59).
- JOHNSON, ELWIN L., Owens-Corning Fiberglas Corporation Fellow in Ceramic Engineering, nine months from September 16, 1959, \$1440 (9-22-59).
- JONES, ALICE J., United States Public Health Service Fellow (Trainee) in Education, nine months from September 16, 1959, \$2000 (9-2-59).
- JONES, EDWIN C., Radio Corporation of America Fellow in Electrical Engineering, nine months from September 16, 1959, \$2100 (9-17-59).
- KAL, EDMUND, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), nine months from October 1, 1959, \$60 a month (9-24-59).
- KNIGHT, ERNEST, JR., Charles Pfizer Fellow in Chemistry, nine months from September 16, 1959, \$2000 (9-29-59).
- LASSERS, ELISABETH S., Center for Handicapped Children Fellow (Trainee) (Chicago Professional Colleges), one year from September 1, 1959, \$5000 (9-8-59).
- LINDE, THOMAS F., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, nine months from September 16, 1959, \$2800 (9-18-59).
- MAY, P. CONRAD, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), nine months from October 1, 1959, \$60 a month (9-24-59).
- MINARD, RUSSELL L., United States Public Health Service Fellow (Trainee) in Education, September 16, 1959-January 31, 1960, \$1000 (8-31-59).
- OLSON, JAMES C., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), ten months from September 1, 1959, \$600 (9-8-59).
- PIECHOWSKI, MICHAEL, Rockefeller Foundation Fellow in Microbiology, nine months from September 16, 1959, \$1500 (9-11-59).
- PIEPER, WILLIAM J., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one year from July 1, 1959, \$2400 (9-17-59).
- POWERS, RICHARD J., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), ten months from September 1, 1959, \$600 (9-8-59).
- QUERESHI, MOHAMMED Y., Ford Foundation Postdoctoral Fellow in the Institute for Research on Exceptional Children, five months from September 1, 1959, \$416.66 a month (9-21-59).
- ROGERS, SPAULDING, Ford Foundation Postdoctoral Fellow in the Institute for Research on Exceptional Children, one year from September 1, 1959, \$5000 (9-19-59).

- ROSE, KENNETH, Texas Instruments Company Fellow in Electrical Engineering, nine months from September 16, 1959, \$2000 (9-15-59).
- ROSENE, GORDON L., United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), one year from September 1, 1959, \$3546 (9-11-59).
- SOLOWAY, HARRY, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), ten months from September 1, 1959, \$600 (9-8-59).
- STANBERY, ALICE E., United States Public Health Service Fellow (Trainee) in Education, September 16, 1959-June 15, 1960, \$1800 (9-2-59).
- STEINER, IVAN D., Ford Foundation Faculty Postdoctoral Fellow in Psychology, one year from September 1, 1959, \$5778 (9-17-59).
- STEINMETZ, DONALD K., United States Public Health Service Fellow (Trainee) in Education, September 16, 1959-January 31, 1960, \$1000 (9-2-59).
- UPPER, CHRISTEN D., Charles Pfizer Fellow in Chemistry, nine months from September 16, 1959, \$1600 (9-29-59).
- WILSON, WILLIAM E., Minneapolis-Honeywell Regulator Company Fellow in Geology, nine months from September 16, 1959, \$1800, supersedes (9-15-59).
- WOLFE, JAMES E., United States Public Health Service Fellow (Trainee) in Education, September 16, 1959-January 31, 1960, \$1000 (9-2-59).

CANCELLATIONS, DECLINATIONS, AND RESIGNATIONS

- AHARONI, AMIKAM, Research Associate in Electrical Engineering — declination effective September 1, 1959.
- BART, RONALD K., Research Assistant in Ceramic Engineering — resignation effective September 1, 1959.
- BECKER, RICHARD C., Assistant Professor of Electrical Engineering — resignation effective September 1, 1959.
- BEMIS, WILLIAM P., Associate Professor of Vegetable Crops (Horticulture) — resignation effective September 1, 1959.
- BUCKNAM, RONALD E., California Oil Company Fellow in Civil Engineering — resignation effective September 16, 1959.
- CARO, MARCUS R., Research Associate in Oral Pathology (Dentistry) — declination effective September 1, 1959.
- CUDIA, DENNIS F., Fellow in Mathematics — resignation effective September 16, 1959.
- DANIELZADEH, A. B., Research Assistant in Biological Chemistry (Medicine) — declination effective September 1, 1959.
- EICHHOLZ, ALEXANDER, Research Assistant in Biological Chemistry (Medicine) — declination effective September 1, 1959.
- FANG, FU, Research Assistant in Electrical Engineering — resignation effective August 1, 1959.
- FISCHER, JOHN D., Instructor in English — resignation effective September 1, 1959.
- GEIGER, MRS. NINA E., Research Assistant in Microbiology — resignation effective September 16, 1959.
- GELLER, DAVID M., Instructor in Biological Chemistry — resignation effective September 1, 1959.
- GRANT, PAUL B., JR., Instructor in Economics (Chicago Undergraduate Division) — declination effective September 1, 1959.
- GRIFFITHS, JOHN D., Clinical Instructor in Surgery (Medicine) — resignation effective October 1, 1959.
- HALKO, ARLENE A., Assistant Professor of Radiology (Medicine) — resignation effective October 15, 1959.
- HARPER, AARON W., Assistant Professor of Education (Bureau of Educational Research) — resignation effective September 16, 1959.
- HARRIDGE, WILLIAM H., Clinical Assistant Professor of Surgery (Medicine) — declination effective September 1, 1959.
- HERR, FERENC, Assistant Professor of Pharmacology (Medicine) — declination effective September 1, 1959.
- JACKSON, LOVIE R., Fellow in French — resignation effective September 16, 1959.
- KABALIN, MRS. BOJANA G., Research Assistant in the Institution for Tuberculosis Research — resignation effective September 1, 1959.
- LAKIN, ROBERT D., Fellow in Philosophy — resignation effective September 16, 1959.

- MAJDOWSKI, LEONARD, Fellow in Economics—resignation effective September 16, 1959.
- MARTINO, FRANK, Fellow in Physics—resignation effective September 16, 1959.
- MASON, JAMES M., Executive Officer, Naval Science—declination effective September 1, 1959.
- MCDONOUGH, MALCOLM W., Research Assistant in Dairy Science—cancellation effective November 1, 1958.
- MELVIN, JOHN W., Instructor in Theoretical and Applied Mechanics—resignation effective September 1, 1959.
- MYERS, JOHN J., Research Assistant Professor in the Coordinated Science Laboratory—resignation effective September 1, 1959.
- MYERS, LUCYMAE, Fellow in Social Work—resignation effective September 16, 1959.
- NEHLS, EDWARD, Associate Professor of English—resignation effective September 1, 1959.
- NEWTON, DEAN I., Instructor in Veterinary Research and in Veterinary Physiology and Pharmacology—resignation effective September 25, 1959.
- PARR, RICHARD J., Fellow in Electrical Engineering—resignation effective September 16, 1959.
- PAUL, EARLIL M., Assistant in Mathematics in the Summer Session of 1959—resignation effective June 24, 1959.
- ROBE, JOHN K., Research Associate in the Coordinated Science Laboratory—resignation effective August 31, 1959.
- SAKURAGI, TAKETAMI, Assistant Professor of Food Technology—resignation effective October 19, 1959.
- SANNER, ALBERT E., Assistant Professor of Architecture—resignation effective September 1, 1959.
- SCOBEL, HUGO, Lecturer in Mechanical Engineering—declination effective September 1, 1959.
- SHERRICK, JOSEPH C., Clinical Assistant Professor of Pathology (Medicine)—resignation effective August 5, 1959.
- SIMIOS, NICHOLAS L., Instructor in Histology (Dentistry)—resignation effective September 1, 1959.
- SMITH, DOUGLAS C., Fellow in City Planning—resignation effective September 16, 1959.
- SOMOZA, CESAR, Assistant Professor of Pathology (Medicine) and Assistant Pathologist (Research and Educational Hospitals)—resignation effective September 16, 1959.
- SPRANKEL, CHARLENE, Research Assistant in the Coordinated Science Laboratory—resignation effective September 1, 1959.
- STOECKEL, ALTHEA L., Research Assistant in the Illinois Historical Survey—resignation effective September 16, 1959.
- TIMKO, E. JEANNINE, Research Assistant in the Coordinated Science Laboratory—declination effective September 1, 1959.
- VAN METER, WILLIAM, United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges)—resignation effective September 1, 1959.
- VISOTSKY, HAROLD M., Assistant Professor of Psychiatry (Medicine)—declination effective September 1, 1959.
- WARWICK, CHARLES E., Assistant Dean of Men—resignation effective October 1, 1959.
- WASSMER, ELIZABETH L., University Fellow in the Chicago Professional Colleges—resignation effective September 1, 1959.
- WHITTENBURY, CLIVE G., Research Associate in Aeronautical Engineering—resignation effective September 1, 1959.
- WOLTER, JANET, Assistant Professor of Medicine (Medicine)—declination effective September 1, 1959.
- XERIKOS, JAMES, Instructor in Aeronautical Engineering—resignation effective September 1, 1959.
- YAMANE, GEORGE M., Assistant Professor of Oral Pathology (Chicago Professional Colleges)—resignation effective September 1, 1959.
- YAP-CHIONGCO, BASILIO M., Research Assistant in Surgery (Division of Anesthesiology) (Medicine)—resignation effective August 1, 1959.

YARBOROUGH, KEITH A., Instructor in Civil Engineering—resignation effective September 1, 1959.

ZIMMER, JEANNE C., Fellow in English—resignation effective September 16, 1959.

LEAVES OF ABSENCE

FULLER, HARRY J., Professor of Botany—leave of absence, without pay, from September 1, 1959, and continuing for an indefinite period, on account of his health.

HUNT, J. M., Professor of Psychology—leave of absence, without pay, for the academic year 1959-60, so that he may accept a Commonwealth Senior Scientist Postdoctoral Fellowship.

LANCOUR, A. HAROLD, Professor of Library Science and Associate Director of the Graduate School of Library Science—leave of absence, without pay, for one month from November 1, 1959, so that he may undertake the assignment for services for a library advisory mission to Liberia.

PAGE, THOMAS, Assistant Professor of Political Science, in the College of Liberal Arts and Sciences, and Research Assistant Professor in the Institute of Government and Public Affairs—leave of absence, without pay, from July 1 through August 31, 1960, for the purpose of travel abroad.

STONECIPHER, JESSE W., Chief Flight Instructor in the Institute of Aviation—leave of absence beginning June 22 and continuing through September 5, 1960, with pay, except for the month of August, so that he may attend the Officer Rotary Wing Qualification course at Camp Wolters, Texas.

YOUNG, MRS. ALINE O., Instructor in the School of Nursing—leave of absence, without pay, for two months from November 1, 1959.

CHANGE IN SABBATICAL LEAVE OF ABSENCE

RAFELSON, MAX E., Associate Professor of Biological Chemistry, in the College of Medicine, sabbatical leave of absence changed from the first semester of 1959-60 to six months beginning February 1, 1960.

ABSENCE OF MR. POGUE AND MR. HUGHES

Mr. Harewood asked the Trustees to take official note that their colleagues, Mr. Harold Pogue and Mr. Earl M. Hughes, were unable to attend today's meeting because of illness and the Secretary was requested to send each of them a message expressing the sympathy of the Trustees and of other University officials.

ASSOCIATION OF GOVERNING BOARDS

Mrs. Watkins reported on the annual meeting of the Association of Governing Boards of State Universities and Allied Institutions at Stillwater, Oklahoma, October 13 to 17, 1959, at which she represented the Board of Trustees.

ENROLLMENT STATISTICS

President Henry presented a report on the enrollment for the fall terms of 1959-60 on all three campuses of the University. A copy of his report was filed with the Secretary of the Board.

JOINT ACTION COMMITTEE OF CIVIC ORGANIZATIONS

Mr. A. Andrew Boemi of Chicago and seven other representatives¹ of the Joint Action Committee of Civic Organizations appeared before the Board of Trustees and presented the following resolution, the original signed copy of which was filed with the Secretary of the Board for record:

¹ Mr. John Baird, Mr. George Benson, Mr. George Dovenmuehle, Mr. Robert Johnston, Mr. Ferd Kramer, Mrs. Dorothy Rubel, and Mr. Edward P. Saltiel.

Resolution

WHEREAS the various organizations indicated below are concerned with the development of Metropolitan Chicago in the best interest of all of its citizens, and its future potential, in order that it may continue to serve the community and the State of Illinois socially and economically, and

WHEREAS a branch of the University of Illinois is to be constructed in Chicago on a site to be selected by the University Board of Trustees, and

WHEREAS these organizations deem it in the best interest of the students, the community, and its taxpayers to have the University Campus located on the South Loop site, as recommended by the City of Chicago's Central Area Plan, now therefore

Be It Resolved That:

1. The South Loop location is unanimously endorsed as the most desirable site for the new Chicago Campus of the University of Illinois, in view of its availability to the greatest number of students; its access to the total Metropolitan area housing supply; its proximity to cultural, training, and employment facilities; its function in the effectuation of the official city plan; and its contribution to the reclamation of a vast area which is vital to the economic and social welfare of the state.
2. The President of the University of Illinois and the Board of Trustees be advised of this action without delay.

American Institute of Architects
(Chicago Chapter)

WILLIAM J. BACHMAN, President

American Institute of Planners
(Chicago Chapter)

MATTHEW L. ROCKWELL

Association of Community Councils

FRANK G. SULEWSKI, President

Building Managers Association

MURRAY E. RANDELL, President

Central Area Committee

K. V. ZWIENER, President

Chicago Association of Commerce and
Industry

PAUL W. GOODRICH

Chicago Mortgage Bankers Association

EDWARD W. ASMUS, President

Chicago Real Estate Board

GEORGE W. KEMP, JR., President

Citizens Schools Committee

RUSSELL B. BABCOCK, President

City Club

EDGAR BERNHARD, President

Cook County Industrial Union
Council, CIO

ALBERT TOWERS, President

Metropolitan Housing and Planning
Council

JOHN W. BAIRD, President

Michigan Boulevard Association

ROSS J. BEATTY

National Association for the
Advancement of Colored People

THEODORE A. JONES, President

South Side Planning Board

FERD KRAMER

State Street Council

C. VIRGIL MARTIN, President

Wabash Avenue Association

FRANK M. WHISTON, President

West Central Association

DAVID C. MEYERS, President

Mr. Boemi, as spokesman for the group, made a statement on behalf of the Joint Action Committee of Civic Organizations, a copy of which was also filed with the Secretary of the Board for record. The other representatives present also spoke briefly in support of the resolution.

At the conclusion of this presentation, President Williamson informed the members of the Joint Action Committee that the Board of Trustees would give their resolution and the supporting statements due consideration.

COMMUNICATIONS REGARDING CHICAGO UNDERGRADUATE DIVISION SITE DEVELOPMENT

The Secretary of the Board presented two communications received by him: one from the Secretary of the Chicago Undergraduate Division Senate urging that the Board of Trustees adhere to the timetable which contemplates occupancy of the new campus for the Chicago Undergraduate Division by 1963, and the other from a group of Community Civic Leaders of Northern Illinois and the Chicago Metropolitan Area

urging the Board of Trustees to choose the Garfield Park site. Copies of these letters were distributed at the meeting and were filed with the Secretary of the Board for record.

**THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS
HOUSING REVENUE BONDS OF 1959, SERIES C AND D**

The Board of Trustees of the University of Illinois Housing Revenue Bonds, Series C and D, require the signatures of two members of the Board of Trustees in addition to the signatures of the President and Secretary of the Board.

President Williamson designated Mr. Timothy W. Swain and Mrs. Frances B. Watkins, as members of the Finance Committee, to sign these bonds.

EXECUTIVE SESSION

At this point, on motion of Mr. Johnston, an Executive Session was requested and ordered for the consideration of the following items of business:

PURCHASE OF MAXWELL FARM FOR COLLEGE OF AGRICULTURE

The Dean of the College of Agriculture and Director of the Agricultural Experiment Station, the Director of the Physical Plant, and the Vice-President and Comptroller recommend the acquisition of approximately 129.13 acres of farm land owned by Esther and Grace Maxwell, located on the east side of First Street Road, approximately one-half mile east of the Illinois Central Railroad and 1/4 miles south of St. Mary's Road at a price of \$1,000 an acre. This land is diagonally southwest of the farm property acquired by the University from the Grein estate in 1956.

In lieu of cash, the sellers may request the University to purchase a farm in Ogden Township, which they wish to acquire and to exchange this property for the property which they own. The University would pay to Esther and Grace Maxwell the difference between the price paid for the farm in Ogden Township and the price at which the Maxwell farm is offered to the University.

Since capital funds for land acquisitions have not been released, it will be necessary to finance this purchase through the University of Illinois Foundation. The Vice-President and Comptroller recommends that the Foundation Board be requested to borrow approximately \$130,000 from the First National Bank of Chicago, purchase the property, and lease it to the University at a rental sufficient to pay the debt service. When the capital appropriations are released, the University will purchase the property from the Foundation, which in turn will pay off the loan.

The Maxwell farm is subject to easements with the Panhandle Pipeline Company and the Illinois Power Company and to a lease with the tenant expiring February 28, 1961.

The contract of purchase between the Foundation and Esther and Grace Maxwell shall include the terms set forth above and other details included in a letter dated October 7, 1959, from the Physical Plant Department to George I. Maxwell, agent for Esther and Grace Maxwell, and a letter of correction dated October 19, 1959, copies of which are filed with the Secretary of the Board for record.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute the necessary agreements with the University of Illinois Foundation, subject to approval by the Legal Counsel, and that \$16,000 be advanced from Indirect Costs funds to the Foundation to cover the down payment and interest.

On motion of Mr. Johnston, the foregoing recommendations were approved, and the assignment of funds was authorized by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Johnston, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Pogue, Mr. Stratton.

REPORT OF UNIVERSITY PATENT COMMITTEE

The University Patent Committee has received a report from Dr. George H. Scherr, Assistant Professor of Microbiology in the College of Medicine, of his studies on synergists for antimicrobial agents which may result in a potentially patentable invention. This may be described as an agent or material which serves to enhance the activity of antibiotics while itself being antimicrobial in nature. The University Patent Committee has studied this invention and is of the opinion that it may have commercial value.

It was referred to the University of Illinois Foundation for study, and patent counsel of the Foundation advised that to protect the interests of the University and the inventor a patent application should be filed prior to October 15, 1959. The inventor has expressed a desire that the application be made in the name of the Board of Trustees of the University of Illinois rather than in the name of the University of Illinois Foundation.

The Patent Committee has authorized the filing of a patent application, with title to any patent which issues to be with the Board of Trustees. Confirmation of the action of the Patent Committee authorizing the filing of this application is requested.

On motion of Mr. Harewood, the action of the University Patent Committee was confirmed.

RECESS

On motion of Mr. Clement, the Board recessed subject to call by order of the President if another meeting is deemed necessary prior to the regular meeting scheduled for November.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

November 18, 1959



The November meeting of the Board of Trustees of the University of Illinois was held in the offices of the Executive Dean of the Chicago Undergraduate Division at Navy Pier, Chicago, Illinois, on Wednesday, November 18, 1959, 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. Wayne A. Johnston, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. George T. Wilkins, and Mr. Kenney E. Williamson. Mr. Earl M. Hughes, Mr. Harold Pogue, and Governor William G. Stratton were absent.

Also present were President David D. Henry, Vice-President and Provost Gordon N. Ray, Dr. H. E. Longenecker, 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, Dean Lyle H. Lanier of the College of Liberal Arts and Sciences, Dean Emily C. Cardew of the College of Nursing; 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.

**APPOINTMENT OF ASSISTANT DIRECTOR OF EXTENSION SERVICE
IN AGRICULTURE AND HOME ECONOMICS**

(1) The Dean of the College of Agriculture and the Director of the Extension Service in Agriculture and Home Economics recommends the appointment of Miss Martha L. Dunlap, presently on the staff of Montana State College, as Professor of Home Economics Extension and Assistant Director of the Extension Service in Agriculture and Home Economics beginning February 1, 1960, and continuing through August 31, 1961, at an annual salary of \$11,500 on "BY" basis.

This appointment is to fill the vacancy created by the retirement of Professor Lulu S. Black. All recommending officers concur.

I recommend approval.

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

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. CHARLES L. BELL, Assistant Professor of Chemistry, in the College of Pharmacy, beginning October 1, 1959, at an annual salary of \$6,800 (D).
2. IRENAES A. BURCH, Counselor in the Student Counseling Service, and Assistant Professor of Psychology, Chicago Undergraduate Division, beginning February 1, 1960, at an annual salary of \$8,400 (BY).
3. HANS-JÜRG GERBER, Research Assistant Professor of Physics, beginning November 16, 1959, at an annual salary of \$7,500 (DY).
4. JOSEPH GOLDBERG, Assistant Professor of Aeronautical Engineering, beginning February 1, 1960, at an annual salary of \$8,500 (D).
5. GILES B. ROBERTSON, Reference Librarian and Assistant Professor of Library Administration, Chicago Undergraduate Division, beginning November 1, 1959, at an annual salary of \$7,400 (BY).
6. DEMITRI B. SHIMKIN, Visiting Professor of Anthropology, for the second semester of 1959-60, at a salary of \$7,000 (G).
7. GERALD A. WILLIAMS, Clinical Assistant Professor of Medicine, beginning September 1, 1959, without salary (DY).

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

ADMISSION TO THE COLLEGE OF NURSING

(3) The Chicago Professional Colleges Senate has recommended that the present Continuation Program in Nursing, established several years ago to provide a curriculum for graduates of hospital schools of nursing leading to the degree of Bachelor of Science, be discontinued as a curriculum and that in lieu thereof graduates of noncollegiate diploma schools of nursing be admitted to the College of Nursing with advanced standing. The amount of credit toward advanced standing and the requirements for completion of the degree in each individual case will be based upon an evaluation of the work done in the school of nursing previously attended, validated by a standardized examination and/or advanced courses in sequence.

Graduates of hospital schools of nursing will continue to be admitted to the College of Nursing as heretofore except that some students will be given more advanced standing than others, depending on their previous training.

The requirements for validation for credit by standardized examination will be increased from the present allowance of one and one-half standard deviations below the mean to a requirement of a rank in the examination at or above the fiftieth percentile.

The Senate Coordinating Council has indicated no other Senate jurisdiction is involved.

I concur.

President Henry presented Miss Emily C. Cardew, Dean of the College of Nursing, who addressed the Board on the educational programs and objectives of hospital and collegiate schools of nursing. She also discussed the University program now being recommended.

On motion of Mrs. Watkins, the recommendation was approved.

CHANGES IN FOREIGN LANGUAGE REQUIREMENTS FOR ADMISSION TO UNDERGRADUATE COLLEGES

(4) Two units of foreign language, representing two years of study in high school, are required for admission to the College of Liberal Arts and Sciences and to some of the curricula (in art and in music) in the College of Fine and Applied Arts. On April 25, 1940, the Board of Trustees approved a recommendation from the University Senate that applicants who rank in the upper one-half of their graduating classes in high school may be admitted without the required two years of foreign language study.

The Urbana Senate has recommended, the Chicago Undergraduate Division Senate concurring therein, that this action be rescinded; provided that the requirement of two years of foreign language may be waived, upon approval of the dean of the college concerned, in the cases of those students whose high schools do not offer foreign languages. It is further recommended that this change become effective as of September, 1964. The foreign language requirement for admission to any curriculum is fulfilled by two units of any foreign language in which the University offers instruction. Currently, instruction is offered in the following languages: French, German, Greek, Italian, Latin, Portuguese, Russian, and Spanish. Less than one unit in a language is not acceptable.

The Senate Coordinating Council has indicated that no further Senate jurisdiction is involved.

I recommend approval.

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

GRADUATE PROGRAM IN RUSSIAN

(5) The Urbana Senate recommends authorization of a graduate program in Russian leading to the degree of Master of Arts. For admission to this program, a student must have a scholastic average of at least 3.75 in the last sixty semester hours of undergraduate work completed and adequate training in the Russian language and literature as determined by the Department of Russian; provided that a student who has less than the equivalent of an undergraduate major in Russian may make up deficiencies while registered as a graduate student.

Eight units of graduate work, consisting of six units of Russian with a minor of two units in related literature in some field of Russian area studies, approved by the departmental graduate adviser will be required for the degree. A thesis will not be required.

The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved.

I concur.

President Henry presented Dean Lyle H. Lanier of the College of Liberal Arts and Sciences who addressed the Board briefly on area programs which are being developed at the University, including a proposed program in Russian studies.

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

JET FUEL DISPENSING SYSTEM FOR AIRPORT

(6) The Director of the Institute of Aviation and the Vice-President and Comptroller recommend that equipment be installed at the Airport for dispensing jet fuel. This will consist of two underground storage tanks with necessary filter, pumps, meter, piping, etc., and a dual tank refueling truck. Jet fuel will be needed by Ozark Airlines in the near future, and it will be advantageous for the University to install the equipment rather than for Ozark to do so. The

handling charge for fuel will permit recovery of the costs, estimated at not more than \$40,000, within five to ten years.

Funds in the airplane replacement reserve can be used to finance the cost of these improvements, which will be installed by University personnel. Recommendations for equipment purchases will be submitted to the Board of Trustees in the usual manner.

I concur.

On motion of Mr. Swain, this recommendation was approved. Mr. Johnston voted no.

FIRST AMENDATORY RESOLUTION TO RESOLUTION AUTHORIZING MEN'S RESIDENCE HALLS REVENUE BONDS OF 1957

(7) The Vice-President and Comptroller recommends, and I concur, that the following resolution be adopted:

A RESOLUTION PROVIDING FOR AUTHORIZATION FOR ADDITIONAL INVESTMENT OF FUNDS OF THE BOND AND INTEREST SINKING FUND ACCOUNT OF THE MEN'S RESIDENCE HALLS REVENUE BONDS OF 1957 AND PROVIDING FOR AMENDMENT OF A RESOLUTION AUTHORIZING THE ISSUE OF MEN'S RESIDENCE HALLS BONDS OF 1957 DULY ADOPTED BY THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS ON MARCH 12, 1957.

WHEREAS, The Board of Trustees of the University of Illinois on March 12, 1957, did duly adopt a resolution authorizing the issue of Men's Residence Halls Revenue Bonds of 1957, of The Board of Trustees of the University of Illinois in the principal amount of \$6,750,000.00 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 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 Depository from time to time by written orders 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.

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

HOUSING CONSTRUCTION PROGRAM

(8) A preliminary application has been filed with the Housing and Home Finance Agency for a loan of \$2,150,000 to finance one-half of the cost of an addition to the Graduate Student Residence Hall to house 234 students, and for 250 apartment units for married students, to be located adjacent to the Race Street-Florida Avenue Staff Housing.

The Director of the Physical Plant and Vice-President and Comptroller recommend that:

If federal funds are available, a complete application may be submitted to the Housing and Home Finance Agency;

The firm of Chapman and Cutler of Chicago be employed as counsel for the bond issue;

Bids for the construction of the projects and for the sale of the bonds be taken at the time or times deemed most appropriate by the Vice-President and Comptroller;

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

All other necessary steps in connection with the bond issue and sale of the bonds be authorized.

I concur.

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

CONTRACT FOR SWINE RESEARCH PROJECTS

(9) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$4,146 to Tom Hewardine and Son, Dewey, Illinois, the lowest bidder, for the construction of manure and waste disposal ponds for the swine research buildings to be constructed on the University farms. These are the projects for which the Moorman Manufacturing Company of Quincy has made a grant of \$200,000 to the University.

Bids were also taken on the construction of two of the swine breeding research buildings for this project. These bids, ranging from a low of \$20,800 to a high of \$23,260.25, are in excess of estimates and it is recommended that they be rejected. Plans for these buildings will be revised.

I concur in these recommendations.

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

ADDITIONS 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 in the contract with Felmley-Dickerson Company for construction of the Graduate Student Residence Hall: \$15,985.05 for revisions in the stair well and \$2,798.68 for revisions in the telephone wiring system.

The changes in the stair well will eliminate costly reconstruction when an addition to this building is constructed. Complete plans for the telephone system were not included in the original specifications as it had not been decided whether a switchboard arrangement with phones in each room would be provided or whether each resident would make his own arrangements for telephone service with the telephone company.

Funds are available.

I concur and recommend that the Comptroller be authorized to execute the contract changes.

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

PURCHASES**Purchases Authorized**

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

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
20 four-door sedans	Physical Plant	Courtesy Motor Sales	
Three four-door, nine-passenger station wagons	Robert Allerton Park	(Ford), Chicago	
One pickup truck, cab and chassis only		11 sedans	\$ 9 402 75
Two pickup trucks, complete with body		One station wagon	1 981 05
One dump truck		One pickup cab and chassis	1 509 16
Less allowance for 20 four-door sedans, three station wagons, two pickup trucks, and one dump truck in the present fleet		One pickup truck	1 292 78
		Lawder Bros., Inc.	
		(Ford) Chicago	
		Seven sedans	5 131 47
		One station wagon	1 305 00
		Dana Hudelson, Inc.	
		(Plymouth) Champaign	
		Two sedans	2 781 52
		One station wagon	1 360 00
		Rogers Chevrolet Co., Rantoul	
		One pickup truck	2 627 30
		Power Farm Implement Co., Champaign	
		One dump truck	2 902 12
			(30 293 15)
One bridge crane system to be furnished and erected with hoist capacity of three tons	Engineering Administration	Whiting Corp., Harvey	7 982 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 bid.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One electromagnetic blood flow meter with three probes	Anatomy	Quality Electric Co., Los Angeles, Calif.	\$2 880 00 f.o.b. Los Angeles, Calif.
One wired stack of 64 core planes, each plane including switch assembly	Digital Computer Laboratory	Telemeter Magnetics, Inc., Culver City, Calif.	33 000 00 f.o.b. Los Angeles, Calif.
7,500 copies of seven sections of <i>Atlas of Illinois Resources</i>	Geography	R. R. Donnelley & Sons Co., Chicago	55 370 00 f.o.b. Urbana
Eight polarizing microscopes, with achromatic objectives, analyzer and Bertrand lens, quartz wedges and cases	Geology	W. H. Kessel & Co., Chicago	4 704 94 f.o.b. delivered
20,000 tetracycline V capsules 250 mg.	Hospital Pharmacy	Charles Pfizer & Co., Chicago	3 750 00 delivered
6063-T5 aluminum bars 200 1 in. x 3 in. x 8 ft. long 200 1 in. x 3 in. x 5 ft. long	Mechanical Engineering	Reynolds Metal Co., Richmond, Va.	3 650 40 f.o.b. delivered
One spectrophotometer, recording, double monochromator type, with fluorescence and extra scale slide wire assemblies; with power supply for 115 volt, 60 cycle; light sources, photoreceivers, recorder, and accessories	Microbiology	Applied Physics Corp., Monrovia, Calif.	17 490 00 f.o.b. delivered
Two centrifuge, laboratory, refrigerated, superspeed each with two rotors (standard and 250 ml. size), 115 volt, 60 cycle	Microbiology	Ivan Sorvall, Inc., Norwalk, Conn.	5 610 00 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One automatic radiation counting system with autochanger (35 samples), timer, shield, binary scaler, delay valve	Microbiology	Nuclear-Chicago Corp., Chicago	\$5 768 01 f.o.b. delivered
One chromatogram scanner (roll) with detector, count-rate meter, shield, recorder, and automatic valve			
One ultracentrifuge, preparation type, with three rotors	Microbiology	Spinco Division, Beckman Instruments, Inc., Palo Alto, Calif.	7 258 00 f.o.b. delivered
One photomicroscope and accessories	Neurology and Neurological Surgery	W. H. Kessel & Co., Chicago	3 235 70 delivered
One Hewlett-Packard 524C frequency counter	Physics	Hewlett-Packard Co., c/o Crossley Associates, Inc., Chicago	3 151 13 f.o.b. delivered
One 525A frequency converter			
One 525B frequency converter			
One 526A video amplifier			
One 526B time interval unit			
One photomicrographic assembly with variable camera length, universal illuminator, and optical accessories	Physics	W. H. Kessel & Co., Chicago	7 227 40 f.o.b. delivered and installed
One unicam model S.70 high-temperature powder camera for X-ray analysis up to 1000°C with S.73 temperature indicator, S.74 microscope, S.72 cable, S.76 spare furnace, and spare rubber rings, cellophane window, and specimen holder	Physics	Jarrell-Ash Co., Newtonville, Mass.	3 033 50 f.o.b. Newtonville, Mass.
Six condensing lenses, plano convex, custom made, 4 in. diameter, 6 in. focal length	Physics	Crystal Optics, Chicago	3 910 00 f.o.b. delivered
Two quarter-wave plates, crystalline quartz, 228.8 Mu and 326.1 Mu			
27,000 copies of the Time Table for second semester of 1959-1960 to be printed and bound	University Press	Cuneo Press, Inc., Chicago	4 892 65 f.o.b. delivered
2,500 reams 8 1/2 x 11 20 lb. No. 4 sulphite white mimeograph paper	Office Supply Stores	J. W. Butler Paper Co., Chicago	4 010 29 f.o.b. delivered
342 reams white No. 4 sulphite mimeograph bond in various sizes and weights			
36,000 special Kraft garbage bags, square duplex, size 14 1/4 x 14 1/4 x 44 in. with double liner	Physical Plant	Jos. Weil & Sons, Chicago	4 626 00 delivered
1,000 wooden folding chairs for use at public functions	Physical Plant	L. B. Herbst Corp., Chicago	3 330 00 f.o.b. Urbana
Fire, extended coverage, vandalism, and malicious mischief insurance subject to 80 per cent co-insurance effective December 1, 1959, for five years in the amount of \$4,200,000 covering the Second Unit of the Dentistry-Medicine-Pharmacy Building, 808 South Wood Street, Chicago	Housing Division, Chicago Professional Colleges	O. W. Shannon, Quincy, representing the First National Insurance Co. of America Liberty Mutual Insurance Co., Chicago	7 056 00 2 950 50 (10 006 50)

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

COMPTROLLER'S REPORT OF CONTRACTS

(12) The Comptroller's report of contracts executed during the period October 1 to 31, 1959.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Lumber Dealers Research Council	Labor and material costs involved in the manufacture and erection of certain house components	\$ 1 000 00	October 7, 1959
United States Air Force AF 29(601)-2151	Confidential	60 000 00	October 14, 1959
United States Air Force AF 33(616)-6770	Transition metal alloying behavior	38 537 00	August 15, 1959
United States Army DA 18-108-405-CML-517	Evaluate the behavior of immiscible fluids (gases and liquids) in porous solid media	23 000 00	September 1, 1959

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Army DA-49-193-MD-2047	Antiradiation drugs	\$31 000 00	August 15, 1959
United States Army DA-49-193-MD-2060	Interpersonal and psychological adjustment of group members	20 000 00	September 1, 1959
United States Navy N 600(22)52966	Educational instruction	38 000 00	September 28, 1959

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
Smithsonian Institution National Collection of Fine Arts	Exhibition of six Japanese painters at Navy Pier October 4-25, 1959	\$ 300 00	July 23, 1959

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, nine items: \$60.38 to \$503.73	\$ 1 892 14	September and October, 1959
International Harvester Co.	Rental of farm machinery, eight items: \$51.74 to \$450.15	2 225 72	October 8, 1959
Superior Separator Co.	Lease of one No. 378K four-row corn topper	46 45 annually	September 28, 1959
Wood Brothers Manufacturing Co.	Lease of one model No. 80 Wood's rotary mower with 15 in. wheels	54 40 annually	October 7, 1959

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Exercycle Corp.	Effects of various amounts and intensities of Exercycle riding on human subjects in terms of physical fitness	\$ 2 500 00	June 30, 1959
State of Illinois Department of Public Welfare Project No. 1707	Tissue culture of neurons	39 974 00	July 14, 1959
State of Illinois Department of Public Welfare Project No. 1723	Psychosomatic differentiation in infancy	20 398 00	July 15, 1959
State of Illinois Department of Public Welfare Project No. 1733	Supervision of graduate nurses in psychiatric nursing in mental hospitals	4 251 00	July 14, 1959
United States Air Force AF 41(657)-130	Cardiovascular effects of refeeding stress following starvation	13 446 00	August 1, 1959
United States Air Force AF 49(638)-543	Spaces admitting significant fixed-point indices	5 750 50	September 15, 1959
United States Army DA-11-022-ORD-1175	Alloys of the transition elements	20 130 00	October 1, 1959
United States Army DA-49-007-MD-544	Nutritive value of major nutrients of irradiated food	28 500 00	September 28, 1959
United States Army DA-49-007-MD-877	Context effects in psychophysical judgments	5 000 00	October 14, 1959
United States Atomic Energy Commission AT (11-1)-67 Project No. 3	Mechanism of substitutional diffusion in metals	53 263 00	October 1, 1959
United States Atomic Energy Commission AT (11-1)-276	Properties and behavior of aerosol particles and systems	10 000 00	September 23, 1959
United States Atomic Energy Commission AT (11-1)-314	Boron-containing dyes in invivo experiments on mice with glioblastomas	12 400 00	September 29, 1959
United States Atomic Energy Commission AT (11-1)-691	Radiation chemistry and chemical kinetics	22 000 00	October 15, 1959
United States Navy NONR-1459(05)	Metabolism of hibernation	8 286 00	July 1, 1959
United States Navy NONR-1834(13)	Radio frequency spectroscopy	32 000 00	September 3, 1959
United States Navy NONR-1834(22)	Construction of a radio telescope	122 590 00	July 1, 1959
United States Navy Nobs-65790(1716)	Propagation of fractures in metals	20 000 00	August 27, 1959

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
VioBin Corp.	Nutritive evaluation of defatted fishmeal for swine	\$1 500 00	September 1, 1959
Hiram Walker & Sons, Inc.	Nutritive properties of dried distillers' solubles in swine nutrition	720 00	September 1, 1959
Wyandotte Chemicals Corp., Air Force Subcontract AF 33(616)-5053	Synthesis of liquids	5 000 00	October 5, 1959

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)	Forty-one items: \$1,223.30 deduct to \$562.59	\$ 854 55	September and October, 1959

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(13) The Comptroller presents his quarterly report to the Board as of September 30, 1959.

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

SALE OF FARM LANDS IN LA SALLE COUNTY

(14) The University owns 640 acres of farm lands in La Salle County, received in 1955 as a gift from Miss Laura M. Weber of LaGrange Park, Illinois, for the benefit of the College of Agriculture. The farms are designated as Weber Farms No. 1 and No. 2, totaling 400 acres in Hope Township; Weber Farm No. 3, 80 acres in Richland Township about six miles from Farm No. 1; and Weber Farm No. 4, 160 acres in Waltham Township.

In July, 1959, the Board of Trustees authorized the purchase at public auction of an 80-acre tract adjoining Weber Farm No. 1 and at the same time authorized the sale of Weber Farm No. 3 in order to consolidate the University's holdings. The 80 acres were purchased and this action was confirmed by the Board on September 16, 1959.

Pursuant to advertisements and other public notices, sealed bids were received on November 16 on Weber Farm No. 3, described as follows:

The North Half (N $\frac{1}{2}$) of the Northwest Quarter (NW $\frac{1}{4}$) of Section Eight (8), Township Thirty-One (31) North, Range Two (2) East of the Third Principal Meridian, containing Eighty Acres, more or less, situated in the Township of Richland in the County of La Salle and State of Illinois.

Buildings: House, machine shed, corncrib, storage building.

Mr. Everett Miller of Lostant, Illinois, submitted the highest bid of \$42,960, which is an acceptable price. Accordingly, the Dean of the College of Agriculture and the Vice-President and Comptroller recommend the sale of Weber Farm No. 3 to Mr. Miller at the price indicated.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute the necessary documents.

Mr. Herrick, for the Committee on Agriculture, reported that the Committee has considered this recommendation and is prepared to support the same. He then offered the following resolution and moved its adoption.

Resolution

WHEREAS, Everett S. Miller and Frances E. Miller, his wife, of Lostant, Illinois, hereinafter termed "Purchaser" 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 Purchaser providing for the

sale and conveyance to Purchaser of the hereinafter described property upon the following terms and conditions:

- (A) At a sale price of \$42,960 with customary adjustments to be made therein for abstracting and closing costs;
- (B) This Corporation to furnish Purchaser a merchantable abstract of title and pay for the required Federal Documentary Tax Stamps;
- (C) Possession to be delivered to Purchaser at the time final payment is made which shall be not later than February 1, 1960, but subject to the current lease with the tenant now in possession which expires February 1, 1960;
- (D) Ten per cent (10%) of the purchase price shall be paid by the Purchaser at the time the Contract of Sale is executed and the balance of the purchase price to be paid at the time of delivery of the deed and possession;
- (E) The Title to be conveyed to be subject to special assessments, building restrictions, and easements of record;
- (F) 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 Purchaser, 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 Purchaser title to the following described property, viz.:

The North Half (N $\frac{1}{2}$) of the Northwest Quarter (NW $\frac{1}{4}$) of Section Eight (8), Township Thirty-One (31) North, Range Two (2) East of the Third Principal Meridian, containing Eighty Acres, more or less, situated in the Township of Richland in the County of La Salle and State of Illinois.

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

At this point Mrs. Watkins offered the following:

A TRIBUTE TO RAYMOND ELIOT

Inasmuch as the Illinois-Northwestern game of November 21, 1959, will mark the end of an eighteen-year career as head football coach for Ray Eliot at the University of Illinois, it is appropriate that the Board of Trustees take public note of the services which he has given as coach, teacher, alumnus, and public-spirited citizen.

Ray Eliot is an example of what a young man can achieve if he has the vision and the will. While supporting himself and winning varsity letters in football and basketball at Illinois, he earned in 1932 the degree which he coveted, and subsequently a master's degree at Columbia University.

In 1937 he was recalled to Illinois to join the staff of his former coach, the late Robert C. Zuppke. He became head coach in 1942.

In the succeeding years he gained a national stature which has brought acclaim to him and to his University.

His teams won Western Conference championships in 1946, 1951, and 1953, and won with distinction Rose Bowl games in 1947 and 1952. He is the only coach in the Conference to qualify three teams for Rose Bowl competition.

He was selected as a coach of the East-West and North-South post-season games twice, and of the Blue-Gray game four times. He has been on football clinic programs all over the nation, and has served his country as director of football clinics in Japan and twice in Europe at the request of the Armed Services.

He has been a trustee and president of the American Football Coaches Association; a member of the N.C.A.A. Football Rules Committee and a member of the committee which drew up the Association's Code of Ethics; Illinois State Chairman of the National Football Hall of Fame and a charter member of

the Hall of Fame and Foundation; a board member of the American Association of Health, Physical Education, and Recreation; and an honorary member of the Illinois High School Coaches Association for twenty-two years.

He has been a valued member of the University academic faculty since 1937, and is currently Associate Professor of Physical Education.

Throughout his career he has been in demand as a public speaker for school, civic, and other organization programs all over the country.

As a public-spirited citizen he was Champaign County Chairman of the Cerebral Palsy Association for three years, and was State Chairman of the Heart Fund Campaign in 1959.

Although professional football teams and several universities have sought him, with attractive inducements, he has shown his devotion to Illinois by steadfastly refusing to leave.

Fifteen of his former players are now engaged in coaching in major institutions of higher education, and hundreds in secondary schools of the nation. His players have not only looked to him for guidance during their college days, but also as they continued in the business and professional world. He has instilled in them principles of conduct which have marked them on the playing field as well as in their careers.

Coaches throughout the nation have given him high praise for his imaginative, creative football, and for his inspirational leadership, and have called him one of the finest strategists in the game.

In all his actions, both on and off the football field, he has gained respect and admiration as one who observes the finest concepts of sportsmanship, as an exemplification of the spirit of athletics at Illinois, and for his influence on the game and the young men he has coached.

While his career in active coaching is drawing to a close, it is gratifying to know that he will continue with the University in an administrative capacity, and that the University will therefore continue to benefit from the services of one of the best known and highly regarded figures in intercollegiate athletics.

In recognition of the distinguished service which Ray Eliot has given, therefore

Be It Resolved by the University of Illinois Board of Trustees that this tribute to him be made public,

And That the Board direct that this tribute and resolution be incorporated in the minutes of this meeting to become a part of the official record,

And That a suitable copy be forwarded to him as a permanent record of its gratitude and of the esteem and affection in which he is held.

Chicago, Illinois

On the 18th Day of November, 1959, and the 92nd Year of the University.

On motion of Mrs. Watkins, this resolution was unanimously adopted.

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) change 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.)

ALIMCHANDANI, H. R., Research Assistant in Animal Science (S), one year from February 1, 1960, \$5300 (10-24-59).

ALLHANDS, MRS. JESSIE V., Instructor in Mathematics, to render service during the first semester of the academic year, September 1, 1959-February 29, 1960, \$450 a month (10-12-59).

ARMAND, TOWFIG MIR, Assistant in Anesthesiology, Department of Surgery (Medicine), eleven months from August 1, 1959, without salary (9-12-59).

BAILAR, MRS. FLORENCE L., Instructor in Mathematics, six months from September 1, 1959, to render service during the first semester of the academic year, \$5400 a year (10-12-59).

BARBATO, IRIS M., Research Associate in Psychiatry (Medicine), eleven months from October 1, 1959, \$7000 a year, supersedes (10-20-59).

- BARNES, TED J., Assistant Professor of Speech, October 1, 1959-August 31, 1961, to render service during each academic year, \$6200 a year, supersedes (10-14-59).
- BATEMAN, MRS. FELICE D., Assistant Professor of Mathematics, $\frac{2}{3}$ time, to render service during the first semester of the academic year, September 1, 1959-February 29, 1960, \$355.50 a month (10-12-59).
- BERMAN, DAVID, Instructor in Applied Materia Medica and Therapeutics (Dentistry), one year from September 1, 1959, without salary (9-11-59).
- BICKELHAUPT, ROY E., Research Associate in Ceramic Engineering (S), nine months from December 1, 1959, \$9000 a year (10-30-59).
- BICOFF, JUAN P., Clinical Instructor in Pediatrics (Medicine), eleven months from October 1, 1959, without salary (10-20-59).
- BIJVOET, PAUL, Research Associate in Pharmacology (Medicine), ten months from November 1, 1959, \$7700 a year (10-31-59).
- BIRKE, JOACHIM W. E., Assistant in the Language Laboratory (College of Liberal Arts and Sciences), nine months from September 16, 1959, \$3600 (10-12-59).
- BRENNAN, WILLIAM C., Clinical Instructor in Surgery (Medicine), one year from September 1, 1959, without salary (9-29-59).
- BROOKS, MRS. MARY C., Research Assistant in the State Water Survey, nine months from October 1, 1959, \$5500 a year (10-20-59).
- BROWN, ROGER K., Instructor in Education, July 6, 1959-July 12, 1959, \$186.11; this is an additional appointment (10-24-59).
- BROWN, THOMAS H., Research Associate in Chemistry, one year from September 1, 1959, \$5880 (10-12-59).
- BRUNNGRABER, ERIC G., Clinical Instructor in Biochemistry, Department of Psychiatry (Medicine), July 1, 1959-August 31, 1960, without salary (9-11-59).
- BUSS, TRUMAN C., JR., Assistant Professor of General Engineering (Chicago Undergraduate Division), academic year beginning September 1, 1959, \$7000 (10-7-59).
- CHEIFETZ, DAVID, Clinical Assistant Professor of Psychology, Department of Psychiatry (Medicine), one year from September 1, 1959, without salary (10-20-59).
- CHEN, CHENG-LIN, Research Assistant Professor in the Coordinated Science Laboratory (C), eleven months from October 1, 1959, \$8500 a year, supersedes (11-3-59).
- COLEMAN, RICHARD D., Instructor in Biological Chemistry (Medicine), one year from September 1, 1959, without salary (10-12-59).
- DALE, THOMAS D., JR., Clinical Assistant in Medicine (Medicine), September 15, 1959-August 31, 1960, without salary (9-29-59).
- DANNER, ROBERT W., Assistant in Physical Education (Chicago Undergraduate Division), September 16, 1959-January 31, 1960, \$2300 (10-24-59).
- DAVIES, ALAN J., Clinical Instructor in Surgery (Medicine), one year from September 1, 1959, without salary (10-2-59).
- DE LA TORRE, LUIS, Instructor in Zoology, Department of Pharmacognosy and Pharmacology (Pharmacy), six months from January 1, 1960, \$466.66 a month (10-20-59).
- DEMB, NORMAN E., Assistant in Psychology, Department of Psychiatry (Medicine), one year from September 1, 1959, without salary (9-12-59).
- DICKERSON, RICHARD E., Assistant Professor of Physical Chemistry (College of Liberal Arts and Sciences and Graduate College), one year from September 1, 1959, \$7580, supersedes (10-10-59).
- DICKETT, GUST W., Assistant in Commerce and Business Administration (Chicago Undergraduate Division), November 1, 1959-June 15, 1960, \$444.44 a month (11-3-59).
- DIMICK, DEAN F., Clinical Instructor in Medicine (Medicine), eleven months from October 1, 1959, without salary (10-20-59).
- DOWD, CAROL C., Assistant in Occupational Therapy (Medicine), September 21, 1959-August 31, 1960, \$5100 a year (10-27-59).
- DRYSCH, ALLEN I., Instructor in Dentistry (Dentistry), $\frac{3}{4}$ time, October 12, 1959-August 31, 1960, \$3960 a year (10-27-59).
- ELSTEIN, ARTHUR S., Clinical Instructor in Psychology, Department of Psychiatry (Medicine), eleven months from October 1, 1959, without salary (10-20-59).

- FAN, MRS. NING SUN CHANG, Research Assistant in Chemistry, November 1, 1959-June 15, 1960, \$400 a month, supersedes (10-27-59).
- FATHERREE, LEROY L., Lecturer in Public Health (Medicine), with rank of Assistant Professor, one year from September 1, 1959, without salary; this is in addition to his salaried appointment (10-14-59).
- FIEDLER, FRED E., Associate Professor of Psychology, August 31, 1959-September 15, 1959, \$450; this is an additional appointment (11-3-59).
- FORAN, JOHN E., Clinical Assistant in Medicine (Medicine), eleven months from October 1, 1959, without salary (10-31-59).
- FORDON, LEONA R., Clinical Instructor in Ophthalmology (Medicine), one year from September 1, 1959, without salary (9-12-59).
- FOX, RONALD E., Clinical Instructor in Medicine (Medicine), one year from September 1, 1959, without salary (9-11-59).
- FRANKMANN, MRS. JUDITH P., Research Associate in Psychology, $\frac{1}{2}$ time, nine months from October 1, 1959, \$2800 (10-24-59).
- FREUND, ERIC C., Instructor in the Bureau of Community Planning, nine months from December 1, 1959, \$7200 a year (10-31-59).
- GARRON, DAVID C., Clinical Instructor in Psychology, Department of Psychiatry (Medicine), eleven months from October 1, 1959, without salary (10-20-59).
- GARWIN, EDWARD L., Research Assistant Professor of Physics (C), September 28, 1959-August 31, 1960, \$7500 a year, supersedes (10-12-59).
- GAULT, IRVING G., Clinical Instructor in Full and Removable Partial Dentures and Prosthodontist to Cleft Palate Training Program (Dentistry), one year from September 1, 1959, without salary (9-11-59).
- GAZDA, GEORGE M., Assistant Professor of Education, academic year beginning September 1, 1959, \$6500, supersedes (10-14-59).
- GILLETTE, HOWARD E., Clinical Instructor in Oral and Maxillofacial Surgery (Dentistry) and in Surgery (Medicine), one year from September 1, 1959, without salary (9-11-59).
- GOSS, AGNES D. L., Clinical Instructor in Preventive Medicine (Medicine), eleven months from October 1, 1959, without salary (10-12-59).
- HAAS, RICHARD E., Instructor in Radiology (Medicine), eleven months from October 1, 1959, \$7000 a year (10-12-59).
- HANSON, LYLE E., Associate Professor of Veterinary Pathology and Hygiene (College of Veterinary Medicine) and in Veterinary Research (Agricultural Experiment Station), indefinite tenure, from October 1, 1959, at a salary of \$10,800 a year, and from November 15, 1959, at a salary of \$11,200 a year, supersedes (10-27-59).
- HARRIDGE, WILLIAM H., Clinical Assistant Professor of Surgery (Medicine), August 1, 1959-August 31, 1960, without salary (9-17-59).
- HAYDEN, EDGAR C., Associate Professor of Electrical Engineering (C), indefinite tenure from September 1, 1959, to render service during each academic year, \$9490 a year, supersedes (11-2-59).
- HAZEWINKEL, AART, Research Assistant in Psychology and in the Bureau of Educational Research, nine months from September 1, 1959, \$3600, supersedes (10-22-59).
- HEGARTY, JOHN F., Pharmacy Resident in Hospital Pharmacy (Pharmacy), $\frac{1}{2}$ time, September 26, 1959-August 31, 1960, \$780 a year; for the convenience of the University he will also receive room and board (10-27-59).
- HOCHHAUSER, MARTIN, Assistant in Radiology (Medicine), one year from September 1, 1959, without salary (9-12-59).
- HOLDEN, MATTHEW, JR., Research Associate in the Institute of Government and Public Affairs, $\frac{3}{4}$ time, eight months from October 16, 1959, \$3000 (10-27-59).
- HUSEK, THEODORE R., Research Associate in Psychology (College of Liberal Arts and Sciences) and in the Bureau of Educational Research (Graduate College), $\frac{3}{4}$ time, and in the Institute of Communications Research, $\frac{1}{2}$ time, for the first semester of the academic year, September 1, 1959-February 29, 1960, \$6300 a year; and Research Associate in Psychology (College of Liberal Arts and Sciences) and in the Bureau of Educational Research (Graduate College), $\frac{3}{4}$ time, second semester of the academic year beginning March 1, 1960, \$4200 a year, supersedes (10-20-59).
- INDREIKA, MEILUTE A., Clinical Assistant in Medicine (Medicine), one year from September 1, 1959, without salary (10-22-59).

- JABLOKOW, VICTOR, Clinical Instructor in Pathology (Medicine), September 28, 1959-August 31, 1960, without salary (9-18-59).
- JACOBSON, MARVIN, Research Associate in Applied Materia Medica and Therapeutics (Dentistry), one year from September 1, 1959, without salary (9-11-59).
- JEFFAY, ANA IDALIA, Research Associate in Applied Materia Medica and Therapeutics (Dentistry), $\frac{1}{2}$ time, ten months from November 1, 1959, \$2600 a year (10-31-59).
- JOHNSON, OLAF K., Clinical Instructor in Oral and Maxillofacial Surgery (Dentistry) and in Surgery (Medicine), one year from September 1, 1959, without salary (9-17-59).
- KEMP, MRS. JANET K., Assistant in Education (University High School), September 25, 1959-January 31, 1960, \$500 a month, supersedes (10-31-59).
- KIMOVEC, FRANC, Instructor in Radiology (Medicine), $\frac{3}{5}$ time, nine months from October 1, 1959, \$2700 (10-20-59).
- LAUTERSTEIN, AUBREY N., Research Associate in Pedodontics (Dentistry), without salary, and Pedodontist to the Cleft Palate Training Program (Division of Services for Crippled Children), $\frac{3}{5}$ time, \$3000, one year from September 1, 1959 (10-20-59).
- LEARY, JOHN S. H., Assistant in Radiology (Medicine), September 15, 1959-August 31, 1960, without salary, supersedes (9-29-59).
- LEFKE, LOUIS W., Research Assistant in Civil Engineering (S), November 1, 1959-June 15, 1960, \$422.22 a month (10-31-59).
- LEKAN, EUGENE C., Assistant in Oral Surgery, Department of Oral and Maxillofacial Surgery (Dentistry), one year from September 1, 1959, without salary (9-11-59).
- LENIT, OSCAR S., JR., Clinical Instructor in Surgery (Medicine), one year from September 1, 1959, without salary (9-28-59).
- LEVY, LUCRETIA, Instructor in Mathematics, $\frac{1}{2}$ time, to render service during the first semester of the academic year, September 1, 1959-February 29, 1960, \$3000 a year (10-12-59).
- LIU, RUEY-WEN, Instructor in Electrical Engineering (C), $\frac{1}{4}$ time, to render service during the first semester of the academic year, September 1, 1959-February 29, 1960, \$600; this is in addition to his appointment as General Electric Company Fellow in Electrical Engineering (10-27-59).
- MARTIN, GERALDINE A., Assistant in Pharmacy (Pharmacy), October 1, 1959-June 15, 1960, \$400 a month (10-19-59).
- MARTIN, MILLICENT V., Instructor in Home Economics (C), to render service during the academic year, September 1, 1959-February 29, 1960, \$500 a month, and from March 1, 1960-August 31, 1960, \$433.33 a month, supersedes (10-27-59).
- MAZUR, BOLESŁAW, Research Associate in Crowns and Fixed Partial Dentures (Dentistry), eleven months from October 1, 1959, \$6000 a year (10-12-59).
- MURRAY, ELLIOTT C., Assistant in Psychiatry (Medicine), one year from September 1, 1959, without salary (9-28-59).
- NALBANDOV, MRS. OLGA G., Research Associate in Entomology, $\frac{1}{2}$ time, nine months from October 1, 1959, \$2250 (10-20-59).
- NORA, JOSEPH R., Clinical Instructor in Medicine (Medicine), ten months from November 1, 1959, without salary (9-11-59).
- NORTON, OLIVER W., Spectroscopist in Chemistry, September 23, 1959-August 31, 1960, \$5900 a year (10-7-59).
- NUKI, KLAUS, Research Assistant in Oral Pathology (Dentistry), one year from September 1, 1959, \$4800 (10-2-59).
- OLIVER, RICHARD M., Clinical Associate in Dermatology (Medicine), eleven months from October 1, 1959, without salary (10-31-59).
- OVERSTREET, ROBERT J., Clinical Instructor in Surgery (Medicine), one year from September 1, 1959, without salary (9-28-59).
- PARK, ELTON E., Assistant Dean of Men, eleven months from October 1, 1959, \$5500 a year, supersedes (10-12-59).
- PERTSCHONOK, DANIEL, Clinical Instructor in Psychology, Department of Psychiatry (Medicine), one year from September 1, 1959, without salary (10-31-59).
- PETERSON, ARTHUR W., JR., Assistant in Anesthesiology, Department of Surgery (Medicine), nine months from October 1, 1959, without salary (9-28-59).

- PRETTO, JOHN I., Assistant in Radiology (Medicine), one year from September 1, 1959, without salary (9-29-59).
- PURCELL, FRANCIS P., Consultant in the School of Social Work, with rank of Associate Professor, one year from September 1, 1959, \$9750, supersedes (10-27-59).
- RANSFORD, RALPH E., Instructor in Anatomy (Medicine), $\frac{1}{2}$ time, nine months from October 1, 1959, \$4320 (10-31-59).
- REINER, IRMA, Assistant Professor of Mathematics, $\frac{1}{2}$ time, to render service during the first semester of the academic year, September 1, 1959-February 29, 1960, \$3500 a year (10-12-59).
- ROSE, WALTER D., Professor of Petroleum Engineering, Department of Mining and Metallurgical Engineering (C), September 1-15, 1959, \$566.67; this is in addition to his present appointment (11-3-59).
- SCARAMELLA, LOUIS F., Assistant in Otolaryngology (Medicine), one year from September 1, 1959, without salary (9-28-59).
- SCARDINO, ANTHONY M., Clinical Assistant in Medicine (Medicine), one year from September 1, 1959, without salary (9-28-59).
- SCHMIDT, FRED, Research Assistant in Entomology, one month from August 16, 1959, \$400 (10-14-59).
- SEN, ARUN K., Clinical Assistant Professor of Anesthesiology, Department of Surgery (Medicine), one year from September 1, 1959, without salary (9-17-59).
- SHAFFER, SID J., Clinical Assistant Professor of Orthopaedic Surgery and Preventive Medicine (Medicine), and Orthopaedist in the Respiratory Center, 15/100 time, seven months from December 1, 1959, \$770, supersedes (10-29-59).
- SHANNON, ROBERT D., Research Associate in Ceramic Engineering (S), $\frac{3}{4}$ time, October 5, 1959-December 31, 1959, \$500 a month (10-14-59).
- SHARP, JOHN T., Clinical Assistant Professor of Medicine (Medicine), ten months from November 1, 1959, without salary (9-28-59).
- SILLIMAN, JANET C., Assistant in Nursing, September 28, 1959-August 31, 1960, \$5000 a year (10-27-59).
- SLACK, WILLIAM W., Instructor in Surgery (Medicine), $\frac{7}{10}$ time, October 5, 1959-August 31, 1960, \$4000 a year (10-20-59).
- SMITH, EDWIN M., Clinical Associate in Dermatology (Medicine), one year from September 1, 1959, without salary (10-20-59).
- STACHNIAK, ANNE A., Instructor in Nursing, October 12, 1959-August 31, 1960, \$5500 a year (10-2-59).
- STILLWELL, RUTH, Assistant in English, September 16, 1959-January 31, 1960, \$400 a month (10-27-59).
- STONE, JOHN W., Assistant in Otolaryngology (Medicine), one year from September 1, 1959, without salary (9-28-59).
- TALBOT, GEORGE A., Lecturer in Sociology, one year from September 1, 1959, \$6200 (10-12-59).
- TAYLOR, JANE L., Assistant in Botany (College of Liberal Arts and Sciences), full time September 16, 1959-January 31, 1960, \$400 a month, and $\frac{1}{2}$ time February 1-June 15, 1960, \$200 a month, and Research Assistant in Botany (Graduate College), $\frac{1}{2}$ time, February 1-June 15, 1960, \$222.22 a month, supersedes (10-27-59).
- TIPPETT, DONN L., Clinical Instructor in Psychiatry (Medicine), August 15, 1959-August 31, 1960, without salary (9-12-59).
- VALENTI, DAN A., Clinical Instructor in Anesthesiology, Department of Surgery (Medicine), eleven months from October 1, 1959, without salary (9-29-59).
- VIDEKA, MICHAEL A., Instructor in Radiology (Dentistry), $\frac{2}{5}$ time, eleven months from October 1, 1959, \$2800 a year, supersedes (10-20-59).
- WARREN, SHERWYN E., Assistant in Pathology (Medicine), September 3, 1959-June 30, 1960, without salary (10-12-59).
- WEST, RICHARD E., Assistant in Land Economics (Agricultural Economics) (S), October 16, 1959-March 31, 1960, \$2206.45 (10-31-59).
- WIECZOREK, CASIMER M., Registered Pharmacist in Hospital Pharmacy (Pharmacy), eleven months from October 1, 1959, \$6000 a year (10-2-59).
- WIGDERSON, HARRY I., Instructor in Education, ten months from September 1, 1959, \$6000, supersedes (10-14-59).

- WILKINS, CHARLES T., Instructor in English, academic year from September 1, 1959, \$5200 (10-2-59).
WITHERS, INA, Research Assistant in Chemistry, eleven months from October 1, 1959, \$4400 a year (10-28-59).
WORTHY, CLAIR M., Professor of Military Science and Tactics and Head of the Department, indefinite tenure beginning September 15, 1959, without salary (10-2-59).
YUSKEN, JOHN W., Research Associate in Radiology (Medicine), eleven months from October 1, 1959, \$7000 a year (10-20-59).

GRADUATE FELLOWS

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

- ABELS, SONIA L., Special Fellow in Social Work, September 16, 1959-January 31, 1960, \$900 (10-7-59).
ALBRECHT, SHIRLEY R., National Institute for Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1959, \$1800 (10-8-59).
APPLEBAUM, MYRNA B., National Institute for Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1959, \$1800 (10-8-59).
BERQUIST, ELAINE V. S., National Institute for Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1959, \$1800 (10-8-59).
BLAHA, GORDON, United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), eleven months from October 1, 1959, \$1860 (10-15-59).
BORTOFF, ALEXANDER, Postdoctoral Fellow in Physiology, eight months from October 1, 1959, \$4000 (10-20-59).
BOYTS, HAROLD R., National Institute for Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1959, \$1800 (10-6-59).
BROWN, LOUISE S., National Institute for Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1959, \$2000 (10-6-59).
BUMZAHM, CARLOS B., United States Public Health Service Fellow (Trainee) in Arthritis and Metabolic Diseases (Chicago Professional Colleges), one year from September 1, 1959, \$3200 (10-5-59).
BURSTEIN, STUART, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), nine months from October 1, 1959, \$60 a month (9-30-59).
CHENOWETH, RICHARD G., United States Public Health Service Fellow (Trainee) in Arthritis and Metabolic Diseases (Chicago Professional Colleges), one year from September 16, 1959, \$3550 (10-16-59).
DABICH, DANICA, Research Corporation Fellow in Chemistry, September 16, 1959-November 30, 1959, \$185 a month (9-29-59).
DE SA, R. J., United States Public Health Service Fellow (Trainee) in Chemistry, nine months from September 16, 1959, \$1800 (10-1-59).
DILL, JONATHAN L., National Institute for Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1959, \$1800 (10-8-59).
ECKLUND, ROBERT E., United States Public Health Service Postdoctoral Fellow (Trainee) in Medicine (Chicago Professional Colleges), eight months from November 1, 1959, \$4500, supersedes (10-22-59).
FERRIER, DONNA J., National Institute for Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1959, \$1800 (10-6-59).
GAUSMAN, MRS. MILDRED, Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$5243.05, supersedes (10-22-59).
HAYES, HAROLD B., United States Public Health Service Fellow (Trainee) in Chemistry, nine months from September 16, 1959, \$1800 (9-30-59).
HENDRICKSON, HERMAN S., United States Public Health Service Fellow (Trainee) in Chemistry, nine months from September 16, 1959, \$1800 (10-1-59).
HENG, JANE, United States Public Health Service Postdoctoral Fellow (Trainee) in Neuropharmacology (Chicago Professional Colleges), eleven months from October 1, 1959, \$4500 a year (10-6-59).
HOLTZMAN, MARILYN G., National Institute for Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1959, \$1800 (10-6-59).
HOMAN, VIRGINIA L., National Institute for Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1959, \$2000 (10-6-59).

- KASS, CORRINE E., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, nine months from September 16, 1959, \$2400 (10-8-59).
- LEPPER, MARGARET L., National Institute for Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1959, \$2000 (10-6-59).
- LEWIS, ANTONIA, National Institute for Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1959, \$1800 (10-8-59).
- MARTIN, CAROLINE C., National Institute for Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1959, \$1800 (10-8-59).
- MCCONNELL, ANN L., Special Fellow in Social Work, September 16, 1959-January 31, 1960, \$900 (10-7-59).
- MILLER, FAYE, United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), eleven months from October 1, 1959, \$1860 (10-15-59).
- MONROE, SONYA V., National Institute for Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1959, \$1800 (10-6-59).
- MORRIS, TREVOR R., Postdoctoral Fellow in Animal Science, one year from October 15, 1959, \$3600, supersedes (10-27-59).
- NATUSCH, LOIS, United States Public Health Service Fellow (Trainee) in Social Work, nine months from September 16, 1959, \$1800 (10-6-59).
- NAVE, JOHN S., United States Public Health Service Fellow (Trainee) in Social Work, nine months from September 16, 1959, \$1800 (10-6-59).
- OLSON, JAMES L., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, nine months from September 16, 1959, \$3200 (10-29-59).
- PEARSON, ROBERT E., American Cyanamid Company Fellow in Chemistry, nine months from October 1, 1959, \$1800, supersedes (10-14-59).
- PORTER, JOANNE, National Institute for Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1959, \$2000 (10-6-59).
- QUILLIAN, ELAINE G., Special Fellow in Social Work, September 16, 1959-January 31, 1960, \$900 (10-7-59).
- RAND, MARY-JANE F., United States Public Health Service Fellow (Trainee) in Social Work, nine months from September 16, 1959, \$2000 (10-6-59).
- REDMOND, WILLIAM, United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), eleven months from October 1, 1959, \$2300 (10-15-59).
- RHEE, YOUNGHEE, Special Fellow in Social Work, September 16, 1959-January 31, 1960, \$900 (10-7-59).
- RYPSTAT, SUSAN B., National Institute for Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1959, \$1800 (10-6-59).
- SCOTT, LYALL W., Special Fellow in Social Work, September 16, 1959-January 31, 1960, \$1000 (10-7-59).
- STEWART, JAMES, Special Fellow in Social Work, September 16, 1959-January 31, 1960, \$900 (10-7-59).
- TEAGUE, ROBERT, National Institute for Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1959, \$1800 (10-6-59).
- TILLMAN, NAOMI, Special Fellow in Social Work, September 16, 1959-January 31, 1960, \$900; this is in addition to her one-quarter time assistantship (10-7-59).
- TISDALL, WILLIAM J., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, nine months from September 16, 1959, \$2800 (10-29-59).
- TROORNICK, JOAN G., Special Fellow in Social Work, September 16, 1959-January 31, 1960, \$900 (10-7-59).
- WEISS, DONNA, National Institute for Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1959, \$2000 (10-6-59).
- WHITMAN, JOHN M., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one year from July 1, 1959, \$2400 (10-15-59).
- WILKINSON, JANET L., National Institute for Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1959, \$1800 (10-6-59).
- WRIGHT, WILLIAM V., United States Public Health Service Fellow (Trainee) in Food Technology, eight months from January 1, 1960, \$183.33 a month (10-5-59).

- ZABORSKY, JAMES, National Institute for Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1959, \$2000 (10-6-59).
ZALIS, ORESTE, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one year from July 1, 1959, \$2400 (10-15-59).

RESIGNATIONS

- ARTHUR, MARIKA H., Research Assistant in Medicine (Medicine) — resignation effective October 9, 1959.
BROWN, THOMAS H., Research Associate in Chemistry — resignation effective October 1, 1959.
CHAN, SHU-PARK, Fellow in Electrical Engineering — resignation effective October 14, 1959.
COHEN, JOSEPH A., Clinical Instructor in Medicine (Medicine) — resignation effective September 1, 1959.
EDWARDS, ROBERT H., Instructor in Pathology (Medicine) — resignation effective September 15, 1959.
ENGBRING, JANET, Assistant in Occupational Therapy (Medicine) — resignation effective October 7, 1959.
GANTZ, RALPH L., Assistant Professor of Crop Extension in Agronomy — resignation effective November 1, 1959.
HARLAN, J. ALLEN, Associate Professor of Management — resignation effective September 1, 1959.
HOERLEIN, ALVIN B., Professor of Veterinary Research (Agricultural Experiment Station) and of Veterinary Pathology and Hygiene (College of Veterinary Medicine) — resignation effective December 1, 1959.
NOMURA, MASAYASU, Research Associate in Microbiology — resignation effective November 1, 1959.
PROBST, DORIS J., Assistant Reference Librarian, with rank of Instructor — resignation effective November 1, 1959.
SHRIFTER, HAROLD B., Clinical Assistant in Medicine (Medicine) — resignation effective October 1, 1959.
SHROFF, FRANK R., Visiting Associate Professor of Oral Pathology (Dentistry) — resignation effective November 16, 1959.
SMITH, ROBERT, Research Assistant in Biological Chemistry (Medicine) — resignation effective September 30, 1959.
TAYLOR, C. BRUCE, Professor of Pathology (Medicine) — resignation effective September 15, 1959.
TRUEHEART, RICHARD E., Assistant Professor of Pathology (Medicine) — resignation effective October 1, 1959.
WOERMANN, DIETRICH, Research Associate in Chemistry — resignation effective November 1, 1959.
YANO, NOBUMITSU, United States Public Health Service Fellow (Trainee) in Food Technology — resignation effective January 1, 1960.

LEAVES OF ABSENCE

- GUSTAFSON, WESLEY A., Clinical Professor of Neurological Surgery (Medicine) — leave of absence, without pay, for one year beginning December 1, 1959.
REED, CHARLES A., Associate Professor of Zoology, Department of Pharmacognosy and Pharmacology (Pharmacy) — leave of absence, without pay, for six months from January 1, 1960.
STEVENS, HELEN L., Assistant in Education (University High School) — leave of absence on account of illness from September 25, 1959, to November 8, 1959, and leave without pay from November 8, 1959, to February 1, 1960, so that she may apply for disability benefits from the University Retirement System of Illinois.

CHANGE IN SABBATICAL LEAVE OF ABSENCE

- DEYOE, GEORGE P., Professor of Agricultural Education — sabbatical leave of absence changed from the second semester of the current academic year to the period beginning December 21, 1959, and ending June 20, 1960.

JANUARY MEETING

On motion of Mrs. Watkins, the Board voted to hold its January, 1960, meeting in Chicago, at the Chicago Professional Colleges, on Wednesday, January 20, 1960, at an hour and place to be determined by the President and the Secretary of the Board.

**DELEGATION FROM REGIONAL ASSOCIATION
OF SOUTH COOK-WILL COUNTY MUNICIPALITIES**

Mr. Karl Treen, Chairman of the Committee on Higher Education of the Regional Association of South Cook-Will County Municipalities, and nine other representatives¹ of the area appeared before the Board and made presentations in support of the "Indian Boundary" area as a site for the relocation for the University's Chicago Undergraduate Division. Mr. Treen was spokesman for the group and opened the presentation. Each of the others spoke briefly in support of this site. Copies of prepared statements from which they spoke were filed with the Secretary of the Board for record.

At the conclusion of this presentation President Williamson thanked the group and stated that their presentation would be given due consideration.

On motion of Mr. Swain, the Board adjourned.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President

¹ The group included: Robert Aulbach, President of the Association; E. Layton Flanagan, Architect; Robert Andree, Superintendent of Schools of Rich Township High School District 227; David F. Bond, Public Relations Department of Allis-Chalmers, representing Owen Higgins, General Manager of the Harvey works; Warren A. Logelin, Director of Public Relations of Acme Steel Company, representing Fred A. Gillies, Chairman of the Board; Lynn Brenne, Traffic Department, United Air Lines; J. Fred Zimmerman, Director of Personnel Services of Sinclair Laboratories; W. J. Owler, Superintendent of the American Brakeshoe Company; Maurino Richton, Attorney and State Representative; and Karl Treen, Insurance and Real Estate Broker.

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

December 16, 1959



The December meeting of the Board of Trustees of the University of Illinois was held in the Directors' Room of the First National Bank of Chicago, 38 South Dearborn Street, Chicago, Illinois, on Wednesday, December 16, 1959, beginning at 2:00 p.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. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. George T. Wilkins, and Mr. Kenney E. Williamson. Mr. Howard W. Clement, Mr. Harold Pogue, and Governor William G. Stratton were absent.

Also present were President David D. Henry, Vice-President and Provost Gordon N. Ray, Dr. H. E. Longenecker, 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. C. W. Weldon, Treasurer, Mr. H. O. Farber, Comptroller, and Mr. A. J. Janata, Secretary.

MEETINGS OF BOARD COMMITTEES

Meetings of the Committees on General Policy, Buildings and Grounds, and Nonacademic Personnel were held in the forenoon, prior to the Board meeting. Following these committee meetings, members of the Board and other University officials were guests of the officers of the First National Bank of Chicago at luncheon.

When the Board convened, on motion of Mr. Herrick, the Secretary was instructed to write to the officers of the Bank expressing appreciation of the Trustees for this hospitality.

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>
PHILLIP BERNSTEIN	Chicago	District of Columbia
JOSEPH LEONARD BUBUL	Denver, Colorado	Indiana
WALTER MICHAEL BURY	Minneapolis, Minnesota	Michigan
ALEXANDER JOHN KUHN	Hinsdale	District of Columbia
MICHAEL MANDEL MALTER	Chicago	District of Columbia
HOWARD GEORGE NELSON	Shorewood, Wisconsin	Wisconsin
IRVIN MAURICE SHECHTER	St. Louis, Missouri	Missouri
CLAUDE CLYDE ZUBA	Chicago	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. PIETRO U. CAPURRO, Assistant Professor of Pathology, beginning December 1, 1959, at an annual salary of \$12,000 (DY).
2. PALLAKARANAI T. NARASIMHAN, Research Assistant Professor in the Department of Chemistry and Chemical Engineering, beginning November 9, 1959, at an annual salary of \$6,000 (D).
3. HERBERT E. NATOR, Clinical Assistant Professor of Anesthesiology, in the Department of Surgery, beginning November 1, 1959, without salary (DY).
4. JACQUES OVADIA, Clinical Assistant Professor of Radiology, beginning November 1, 1959, without salary (DY).
5. H. J. ZWART, Visiting Associate Professor of Geology, for the academic year 1960-61, at a salary of \$8,000 (G).

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

LEAVE OF ABSENCE FOR WILLIAM H. RICE

(3) Governor William G. Stratton has appointed William H. Rice, Administrative Assistant (Legislative Relations) in the President's Office, as Administrative Assistant on the Governor's staff for an indefinite period. The Governor had previously requested the University to release Mr. Rice for this service. He has accepted the assignment and requests a leave of absence from the University.

I agreed to release Mr. Rice and recommend that he be given leave without pay. Although his appointment on the Governor's staff is not for a definite

period, University leaves are usually given for specific periods and I therefore recommend that Mr. Rice's leave be for one year from January 1, 1960.

This will also require formal action by the Alumni Association at the next meeting of its Board of Directors which will be held on January 16, 1960. In the meantime, the officers of the Association have indicated their approval.

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

EMPLOYMENT OF CONSULTING LANDSCAPE ARCHITECT

(4) As the result of plant and tree losses due to epidemic diseases, ice storms, and the heat and drought of the summer of 1959, the appearance of the campus has suffered materially. Repair and replacement of trees and replanting, and the construction of new buildings during the next several years, will require additional planning and capital expenditures.

The administrative responsibilities within the Physical Plant Department have been reassigned and Mr. Robert S. Chamberlin, formerly Superintendent of Operations, will be in charge of a new division, Campus Development and Site Planning. Mr. Chamberlin is a professional landscape architect.

To secure objective professional advice on campus planning and development, the Director of the Physical Plant recommends the employment of the firm of Sasaki, Walker, and Associates, Inc., Watertown, Massachusetts, as consulting landscape architects on a per diem basis. Mr. Hideo Sasaki, head of the firm, is a graduate of the University of Illinois and is now Head of the Department of Landscape Architecture at Harvard. He is a landscape architect of proven competence with a national reputation especially in the field of campus development.

The estimated cost of Mr. Sasaki's services is approximately \$4,600 per full year. Funds are available in the Physical Plant Department budget.

I concur.

On motion of Mrs. Watkins, this recommendation was approved.

ENGINEERING SERVICES ON STORM SEWER IMPROVEMENTS

(5) The city of Champaign is planning storm drainage improvements in certain areas which will triple the flow of water in the Boneyard channel at Wright Street, and when drainage in all areas of the Champaign watershed is fully developed, the maximum flow at Wright Street will be increased nearly four times the present rate. This will necessitate improvement of the Boneyard area through the campus and adjoining University land to prevent inundation. The Urbana-Champaign Sanitary District will undertake improvement of the Boneyard channel from Race Street in Urbana as far west as Lincoln Avenue and perhaps to Gregory Place.

It is not practical to estimate the extent of the improvements of the Boneyard on University property or the cost without engineering studies, and such engineering work must be done rapidly if the University is to keep up with the schedule of local improvements.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that the firm of Wilson and Anderson, Champaign, be employed to make preliminary engineering studies of the Boneyard channel improvements required from Wright Street to Gregory Place at a fee of \$2,500, these services to include:

A detailed study of the route and at least two alternate designs for the Boneyard improvement from Wright Street to Gregory Place;

Study of the effect of such improvements on adjacent structures (bridges and building foundations) and determination of the extent of underpinning or replacements that will be necessary;

An analysis of the extent of utilities services adjacent to and crossing the channel to be re-routed; and

A report summarizing the study, making recommendations and giving estimates of the cost.

I concur and recommend that an appropriation of \$2,500 be made from the General Reserve Fund for this purpose.

On motion of Mr. Swain, this recommendation was approved, and the requested appropriation was made by the following vote: Aye, Mr.

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

WIDENING AND REPAVING OF GREEN STREET

(6) The Board of Trustees on April 14, 1959, approved a recommendation from its Committee on Buildings and Grounds that the University participate with the city of Urbana in the improvement of Green Street from Wright Street to Lincoln Avenue. The Board also authorized the employment of Clark, Daily, and Dietz, Consulting Engineers, Urbana, to make complete plans and specifications and detailed cost estimates covering the University's participation.

Preliminary general estimates prepared by the University and reported to the Committee on Buildings and Grounds indicated a total cost of the project from Wright Street to Lincoln Avenue, including alterations of the Illini Union Building drive, relocation of University-owned utilities, and construction of a bicycle path along the street, but excluding landscaping, to be \$357,850, of which the University's share would be \$321,600 based on property frontage. Detailed estimates subsequently developed by engineers, including an added factor, the cost of expansion of the Green Street and Lincoln Avenue intersection to accommodate traffic movements as required by the state of Illinois, indicate a total project cost of \$418,800 of which University costs are estimated to be \$298,292.73.

The Director of the Physical Plant has conducted negotiations with the city of Urbana officials regarding the division of costs. He and the Vice-President and Comptroller recommend that:

The cost of the project, exclusive of landscaping and relocation of University-owned utilities, from Wright Street to the intersection of Lincoln Avenue be distributed on the basis of property frontage. The University owns 73.36 per cent of the street frontage;

The cost of the intersection at Green Street and Lincoln Avenue to be divided equally;

The cost of alterations to the Illini Union Building drive and the bicycle path on the north side of Green Street be assumed by the University; and

The costs to be borne entirely by the University be paid during this biennium, and costs to be shared with the city of Urbana be paid approximately one-third during 1959-61 and one-half of the remainder in each of the succeeding biennia with interest to be paid on deferred installments.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute an agreement with the city of Urbana based on the division of costs and payments stipulated above, subject to release of funds by the Governor during the present biennium and the availability of funds in each succeeding biennium.

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

ACQUISITION OF FARM LANDS FOR THE AGRICULTURAL EXPERIMENT STATION

(7) The Agricultural Experiment Station needs farm land for the Department of Horticulture to replace land which has been taken over for other University use.

Available land which will adequately meet the Department's needs is the H. N. Pell farm of 160 acres southeast of Urbana along what is commonly known as "Yankee Ridge."

The farm is presently in the H. N. Pell estate and can not be sold by it because of the provisions of Mr. Pell's will which convey a life estate in the property to certain heirs. Counsel for the estate, however, has informed the University that the heirs are willing to sell, and that if the University undertakes to acquire this land by eminent domain they will not oppose the suit but will cooperate.

The Dean of the College of Agriculture and Director of the Agricultural Experiment Station and the Vice-President and Comptroller recommend that the University proceed to acquire the farm through its right of eminent domain. Since the University's appropriation for 1959-61 for land acquisitions has not been released by the Governor, it will be necessary to acquire the farm through the University of Illinois Foundation with funds borrowed from the First National Bank of Chicago.

The Committee on Buildings and Grounds has authorized University officers to proceed with the acquisition program and has authorized the Vice-President and Comptroller to negotiate with the Foundation and with the First National Bank of Chicago to secure the necessary funds.

I recommend that the Board approve this plan of acquisition and that the following resolution be adopted:

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 that the following described real estate situated in the County of Champaign in the State of Illinois, to-wit:

The Northwest Quarter (NW $\frac{1}{4}$) of Section Twenty-Eight (28) in Township Nineteen (19) North, Range Nine (9) East of the Third Principal Meridian (3rd P.M.) in Urbana Township, in the 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 horticultural research, teaching, and demonstration activities 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 are available to said University of Illinois for the purchase of said land for said educational purposes; 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, or any portion thereof, 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 can not be agreed upon between this Board of Trustees and the owners of said property 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 can not 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. Hughes, the foregoing resolution was adopted by the following vote: Aye, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Pogue, Mr. Stratton.

APPROPRIATIONS BY ATHLETIC ASSOCIATION

(8) The Board of Directors of the Athletic Association has approved the following assignments of funds from its reserve, confirmation of which is requested.

Payment to the Alumni Association for services during 1958-59.....\$ 3 000
Additional funds for Grants-in-Aid for the first semester..... 20 000

On motion of Mr. Herrick, this assignment was confirmed.

ACCEPTANCE OF FEDERAL FUNDS FOR AIRPORT CONSTRUCTION

(9) The Board of Trustees on April 14, 1959, authorized an application to the Civil Aeronautics Administration, now the Federal Aviation Agency, for one-half the cost of enlarging the apron and constructing roads, walks, parking, and fencing at the University of Illinois Airport. The FAA has approved a grant of \$97,523, no part of which, however, may be used for the parking lot improvement in which the FAA can not participate. The State Department of Aeronautics will provide \$123,800 from its funds and the University will provide \$11,774.23, nearly all of which is for engineering services.

The Director of the Institute of Aviation and the Vice-President and Comptroller recommend acceptance of the federal grant. In accordance with the Agency and Participation Agreement the University has with the State Department of Aeronautics, it is also recommended that the Board authorize the Department to award a construction contract for \$218,132.37 to Parro Construction Corporation, the lowest bidder on this work, provided that no change orders will be issued without concurrence of the University.

I concur and recommend adoption of the following resolution:

Resolution Accepting, Adopting, and Authorizing Execution of Acceptance of Grant Offer of the Administrator of the Federal Aviation Agency, Constituting Grant Agreement Between the United States and the Board of Trustees of the University of Illinois

WHEREAS, the Administrator of the Federal Aviation Agency, for and in behalf of the United States, has extended to The Board of Trustees of the University of Illinois a formal Grant Offer, dated October 2, 1959, pursuant to the Project Application of The Board of Trustees of the University of Illinois, submitted to the Federal Aviation Agency, dated September 1, 1959, all as hereinbelow set forth, and all relating to the development of the University of Illinois Airport; the same bearing FAA Project No. 9-11-026-6003; and

WHEREAS, pursuant to and for the purposes of carrying out the provisions of the Federal Airport Act (60 Stat. 170; Public Law 377, 79th Congress) it is necessary that said Grant Offer be duly and formally accepted by The Board of Trustees of the University of Illinois; and

WHEREAS, such Grant Offer and such Acceptance thereof, duly executed, together shall constitute the Grant Agreement between The Board of Trustees of the University of Illinois and the United States relating to said airport-development project; and

WHEREAS, the said Grant Offer is in the words, figures, and form following:

FEDERAL AVIATION AGENCY
GRANT AGREEMENT

PART I — OFFER

Date of Offer: Oct 2 1959
University of Illinois Airport
Project No. 9-11-026-6003
Contract Serial No. FA3-586

The Board of Trustees of the University of Illinois and
To: The Department of Aeronautics, State of Illinois
(herein referred to as the "Co-Sponsors")

FROM: The United States of America (acting through the Administrator of the
Federal Aviation Agency, herein referred to as the "Administrator")

WHEREAS, the Co-Sponsors have submitted to the Administrator a Project Application dated September 1, 1959 for a grant of Federal funds for a project for development of the University of Illinois Airport (herein called the "Airport"), together with plans and specifications for such project, which Project Application, as approved by the Administrator, is hereby incorporated herein and made a part hereof; and

WHEREAS, the Administrator has approved a project for the development of the Airport (herein called the "Project") consisting of the following described airport development:

Construct apron (approximately 17,500 square yards), entrance road extension and terminal area sidewalks; install underground electrical ducts; construct electrical manholes; relocate existing circuits to field lighting; adjust existing manholes; fence.

(This work is in addition to the development included in Projects No. 9-11-026-101 and 9-11-026-5802.)

all as more particularly described in the property map and plans and specifications incorporated in the said Project Application;

Now Therefore, pursuant to and for the purposes of carrying out the provisions of the Federal Airport Act (60 Stat. 170; Pub. Law 277, 79th Congress), and in consideration of (a) The Board of Trustees of the University of Illinois adoption and ratification of the representations and assurances contained in said Project Application and acceptance of this Offer by The Board of Trustees of the University of Illinois and the State of Illinois, Department of Aeronautics as hereinafter provided and (b) the benefits to accrue to the United States and the public from the accomplishment of the Project and the operation and maintenance of the Airport, as herein provided, THE ADMINISTRATOR, FOR AND ON BEHALF OF THE UNITED STATES, HEREBY OFFERS AND AGREES TO pay, as the United States' share of costs incurred in accomplishing the project, 50 per centum of all allowable project costs, subject to the following terms and conditions:

1. The maximum obligation of the United States payable under this Offer shall be \$97,523.
2. The Co-Sponsors shall
 - (a) begin accomplishment of the Project within a reasonable time after acceptance of this Offer, and
 - (b) carry out and complete the Project in accordance with the terms of this Offer, and the Federal Airport Act and the Regulations promulgated, thereunder by the Administrator in effect on the date of this Offer, which Act and Regulations are incorporated herein and made a part hereof, and
 - (c) carry out and complete the Project in accordance with the plans and specifications and property map incorporated herein as they may be revised or modified with the approval of the Administrator or his duly authorized representatives.
3. The Board of Trustees of the University of Illinois shall operate and maintain the Airport as provided in the Project Application incorporated herein.

4. The maximum amounts of building space which the Sponsor shall be obligated to furnish civil agencies of the United States for the purposes and on the terms and conditions stated in Paragraph 9 of Part III of the Project Application is set forth in the attached Schedule of Maximum Rent-Free Space Requirements, which is incorporated herein and made a part hereof.
5. Any misrepresentations or omission of a material fact by the Co-Sponsors concerning the Project or the Co-Sponsors' authority or ability to carry out the obligations assumed by the Co-Sponsors in accepting this Offer shall terminate the obligation of the United States, and it is understood and agreed by the Co-Sponsors in accepting this Offer that if a material fact has been misrepresented or omitted by the Co-Sponsors, the Administrator on behalf of the United States may recover all grant payments made.
6. The Administrator reserves the right to amend or withdraw this Offer at any time prior to its acceptance by the Co-Sponsors.
7. This Offer shall expire and the United States shall not be obligated to pay any of the allowable costs of the Project unless this Offer has been accepted by the Co-Sponsors within 60 days from the above date of Offer or such longer time as may be prescribed by the Administrator in writing.
8. The Administrator in tendering this offer on behalf of the United States recognizes the existence of an agency relationship between The Board of Trustees, of the University of Illinois, as principal, and the Department of Aeronautics, State of Illinois, as agent, created by the Agency and Participation Agreement entered into for and in behalf of The Board of Trustees, of the University of Illinois on September 1, 1959 and for and in behalf of the Department of Aeronautics, State of Illinois on September 1, 1959. The Co-Sponsors agree that they will not amend, modify or terminate said Agency and Participation Agreement without prior approval in writing of the Administrator or his designated representative.
9. It is understood and agreed by and between the parties hereto that, notwithstanding the fact that the plans and specifications include certain items covering the construction of service roads B and C (Plan Sheets No. 5 and 6) and auto parking area (Plan Sheet No. 2), grading for auto parking area and service roads B and C (Plan Sheet No. 10), and drainage in auto parking area (Proposed Items 12 and 13), such items of work shall not be a part of this project and the United States shall not pay, nor be obligated to pay, for any of the costs pertaining thereto; it is further understood and agreed that the Sponsor shall maintain cost records covering this project, including separate cost records pertaining to the above referred items excluded from Federal participation, which records shall be made available for inspection and audit by the Administrator or his duly authorized representative or employee to the end that the cost of the excluded items may be definitely determined.
10. The terms "Administrator of Civil Aeronautics," "Administrator," "Civil Aeronautics Administration," "Department of Commerce" or "CAA" wherever they appear in the Project Application, plans and specifications or in any other documents constituting a part of this Agreement shall be deemed to mean the Federal Aviation Agency or the Administrator thereof as the case may be; any reference made in the Project Application to Section 303 of the Civil Aeronautics Act of 1938 shall be deemed to mean Section 308 of the Federal Aviation Act of 1958.

The Co-Sponsors' acceptance of this Offer and ratification and adoption of the Project Application incorporated herein by *The Board of Trustees of the University of Illinois* shall be evidenced by execution of this instrument by the Co-Sponsors, as hereinafter provided, and said Offer and acceptance shall comprise a Grant Agreement, as provided by the Federal Airport Act, constituting the obligations and rights of the United States and the Co-Sponsors, respectively, with respect to the accomplishment of the Project and the operation and maintenance of the Airport. Such Grant Agreement shall become effective upon the Co-Sponsors' acceptance of this Offer and remain in full force and effect throughout the useful life of the facilities developed under the Project but in any event not to exceed twenty years from the date of said acceptance.

UNITED STATES OF AMERICA
THE ADMINISTRATOR OF THE FEDERAL AVIATION AGENCY

By.....
Regional Administrator, Region III

PART II — ACCEPTANCE

The *Board of Trustees of the University of Illinois* does hereby ratify and adopt all statements, representations, warranties, covenants and agreements contained in the Project Application and incorporated materials referred to in the foregoing Offer and does hereby accept said Offer and by such acceptance agrees to all of the terms and conditions thereof.

Executed this day of 19.....

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS

(Seal)

Attest..... By.....
Title..... Title.....

CERTIFICATE OF CO-SPONSOR'S ATTORNEY

I,, acting as Attorney for The Board of Trustees of the University of Illinois, do hereby certify:

That I have examined the foregoing Grant Agreement and the proceedings taken by *The Board of Trustees of the University of Illinois* relating thereto and find that the acceptance thereof by the said *The Board of Trustees of the University of Illinois* has been duly authorized and that the execution thereof is in all respects due and proper and in accordance with the laws of the State of Illinois and further that, in my opinion, said Grant Agreement constitutes a legal and binding obligation of *The Board of Trustees of the University of Illinois* in accordance with the terms thereof.

Dated at this day of 19.....

.....
Title.....

The State of Illinois Department of Aeronautics does hereby accept said Offer and by such acceptance agrees to all of the terms and conditions thereof.
Executed this day of 19.....

STATE OF ILLINOIS
DEPARTMENT OF AERONAUTICS

(Seal)

Attest..... By.....
Title..... Title.....

CERTIFICATE OF CO-SPONSOR'S ATTORNEY

I,, acting as Attorney for the State of Illinois, Department of Aeronautics, do hereby certify:

That I have examined the foregoing Grant Agreement and proceedings taken by the State of Illinois, Department of Aeronautics relating thereto and find that the acceptance thereof by the State of Illinois, Department of Aeronautics has been duly authorized and that the execution thereof is in all respects due and proper and in accordance with the laws of the State of Illinois and further that, in my opinion, said Grant Agreement constitutes a legal and binding obligation of the State of Illinois, Department of Aeronautics in accordance with the terms thereof.

Dated at this day of 19.....

.....
Title.....

Now, Therefore, upon consideration of said Grant Offer and all of the terms, provisions, conditions, and exhibits therein and thereto, Be It, and It Is Hereby Resolved by the Board of Trustees of the University of Illinois, as follows:

1. That The Board of Trustees of the University of Illinois accept, and it does hereby accept the Grant Offer extended to it by the Administrator of the Federal Aviation Agency, for and in behalf of the United States, in the words, figures, and form as hereinabove set forth, and that it shall enter into a Grant Agreement with the United States by causing the Acceptance thereof, in the words, figures and form as hereinabove set forth, to be duly executed in its name and for and in its behalf.
2. That to accomplish the foregoing, H. O. Farber, Comptroller, be and he is hereby authorized and directed to execute, for and in behalf of The Board of Trustees of the University of Illinois, the said Acceptance of the said Grant Offer, and that A. J. Janata, Secretary, be and he is hereby authorized and directed to attest said execution and to impress thereon the Official Seal of The Board of Trustees of the University of Illinois.
3. That the Project Application, dated September 1, 1959, executed and submitted to the Federal Aviation Agency by The Board of Trustees of the University of Illinois, relating to FAA Project No. 9-11-026-6003, including all the statements, representations, warranties, covenants, and agreements contained therein, be and the same are hereby ratified and adopted.
4. That the Agency and Participation Agreement attached thereto and by reference made a part thereof, entered into on the 1st day of September, 1959, by The Board of Trustees of the University of Illinois and the State of Illinois, Department of Aeronautics, be and the same is hereby confirmed and ratified.

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

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(10) The Committee on Nonrecurring Appropriations has reviewed a long list of requests and recommends assignments of funds from the General Reserve for the following items which the Committee has judged are most urgent:

1. Department of Home Economics, construction of demonstration kitchen for wheelchair and other handicapped persons.....\$ 3 300 00
2. Department of Agricultural Engineering, rewiring and additional electrical capacity for Agricultural Engineering Building..... 6 000 00
3. Department of Animal Science, pick-up truck for Sheep Division.. 2 500 00
4. Department of Business Education, typewriter replacement..... 3 852 50
5. Department of Electrical Engineering, purchase of equipment for instruction 26 700 00
6. College of Liberal Arts and Sciences, renovation of apartment building at 1207 West Oregon Street, Urbana, for staff offices and laboratories..... 25 000 00
7. Department of Chemistry and Chemical Engineering, remodeling in Noyes Laboratory..... 90 000 00
8. Remodeling in Lincoln Hall to provide additional offices and laboratory rooms 31 700 00
9. College of Fine and Applied Arts, equipment for Krannert Art Museum and moving into new facilities..... 22 500 00
10. Library, renovation of lighting in Undergraduate Library at Urbana..... 11 000 00
11. Department of Physiology, moving into Burrill Hall..... 26 000 00
12. Department of Microbiology, moving into Burrill Hall..... 6 000 00
13. Physical Plant Department, lowering approximately 2,000 lineal feet of water main on St. Mary's Road east of the water tank sufficiently to protect line from freezing and traffic damage..... 8 000 00
14. Armed Forces:

Repairing firing range.....	500 00
Slate for blackboard.....	135 00

18. Chicago Farmers: renewal of scholarships in agriculture.....	500 00
19. Mr. Warren E. Compton, St. Louis, Missouri: for the Bertha L. Compton Memorial Scholarship.....	50 00
20. Consolidation Coal Company, Library, Pennsylvania: scholarship in chemical engineering, academic year 1959-60.....	500 00
21. Various donors: to the Department of Ceramic Engineering for scholarships.....	3 536 00
22. Corn Products Refining Company, Chicago: scholarships in engineering and physical science, academic year 1958-59.....	2 400 00
23. Corning Glass Works Foundation, Corning, New York: scholarships in ceramic engineering.....	250 00
24. Dad's Association of the University of Illinois: scholarships....	1 500 00
25. George W. Doak Memorial Scholarship Fund: scholarships in vocational agriculture.....	155 00
26. Douglas Aircraft Company, Inc., Santa Monica, California: scholarship for a senior student in aeronautical, electrical, or mechanical engineering, academic year 1959-60.....	750 00
27. The Dow Chemical Company, Midland, Michigan: renewal of scholarship in metallurgy, academic year 1959-60.....	500 00
28. Federal Land Bank, St. Louis, Missouri: two scholarships (\$500 each) in agriculture for freshmen students, academic year 1959-60	1 000 00
29. Forrest L. Forsythe, Chicago: for the Robert Wade Forsythe Scholarship, academic year 1959-60.....	300 00
30. Foundry Educational Foundation, Cleveland, Ohio: scholarships in engineering	1 000 00
31. Fribourg Foundation, Inc., New York, New York: two scholarships (\$500 each) in grain marketing, academic year 1958-59....	1 000 00
32. Fusite Corporation, Cincinnati, Ohio: scholarships in ceramic engineering.....	500 00
33. General Motors Corporation, Detroit, Michigan: scholarship awards under the General Motors College Scholarship Program, academic year 1958-59.....	13 500 00
34. Globe-Union Foundation: for the Ceramic Engineering Scholarship Fund	500 00
35. A. P. Green Fire Brick Company: scholarships in ceramic engineering.....	500 00
36. Harshaw Chemical Foundation: for the Ceramic Engineering Scholarship Fund	500 00
37. Illinois Association for the Crippled, Inc., Chicago: scholarship in occupational therapy.....	500 00
38. Illinois Congress of Parents and Teachers: two scholarships, one for any field of teacher training (\$3,000) and one for preparation to teach exceptional children (\$2,500).....	5 500 00
39. Illinois Federation of Women's Clubs, Chicago: scholarships in occupational therapy	2 503 18
40. Illinois Mining Institute, Urbana, Illinois: scholarships in mining engineering.....	1 500 00
41. Illinois State Federation of Labor, Chicago: two general scholarships (\$500 each).....	1 000 00
42. International Nickel Company, Inc., New York, New York: scholarship in mining and metallurgical engineering.....	500 00
43. David Kinley Educational Foundation, Barrington, Illinois: scholarship in the College of Commerce and Business Administration...	1 500 00
44. Kroger Company, Cincinnati, Ohio: six scholarships (\$250 each) in agriculture and home economics.....	1 500 00
45. Lions Clubs in the Chicago area: scholarships for students training to teach handicapped children.....	6 500 00
Central Lions Club, Chicago.....	\$500 00
Logan Square Lions Club, Chicago.....	500 00
Lakeview Lions Club, Chicago.....	500 00
Uptown Lions Club, Chicago.....	500 00
Oak Park Lions Club, Oak Park.....	500 00

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
100 Western Electric type 2N1072 silicon NPN transistors	Digital Computer Laboratory	Western Electric Co., Inc., New York, N.Y.	\$5 240 00 f.o.b. Laurel- dale, Pa.

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 bid.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One Eaton model D.G. absorption dynamometer, water cooled, eddy-current type, 350 h.p., 1200/1400 r.p.m. complete, plus scale checking arms, electronic control, automatic water control valve, chronotachometer, tachometer drive, and special operator's panel	Agricultural Engineering	Dynumatic Division, Eaton Manufacturing Co., Riverside	\$14 224 00 f.o.b. Urbana
One model WF17 16mm. Fastax camera, 100 ft. capacity, with 50mm. f/2.0 Raptar lens for motion pictures and 50mm. f/2.0 Raptar oscillographic taking lens, viewfinder, reflex finder, timing light, cut-off switch, case, cords, plugs, WF 142-13mm. f/1.8 lens and WF 135-40 power magnifying microscope eyepiece	Civil Engineering	Watland, Inc., Chicago	2 600 00 f.o.b. delivered
One movable boral-sheet curtain system for use in the thermal column of the TRIGA Mark II training and research reactor	Engineering Administration	General Atomic Division, General Dynamics Corp., San Diego, Calif.	3 500 00 f.o.b. delivered
One automatic sample changer, one printing timer and accessories	Physiology (Medicine)	Nuclear-Chicago Corp., Des Plaines	2 830 90 delivered
One electrophorator, high-voltage type, for the electrophoretic separation of molecules on paper up to 20,000 volts over migration path of 1 meter	Microbiology	Gilson Medical Electronics, Middleton, Wis.	4 893 25 f.o.b. delivered
One analyzer, amino acid, for rapid automatic quantitative analysis and recording of data for unknown mixtures of amino acids and related compounds	Microbiology	Beckman Instruments, Inc., Spinco Division, Chicago	12 684 97 f.o.b. delivered
Three selected RCA 6810A and four selected RCA 7046 photomultiplier tubes	Physics	Radio Corp. of America, Lancaster, Pa.	2 582 40 f.o.b. delivered
One Minneapolis-Honeywell model 1108 direct recording Visicorder oscillograph, 24-channel, complete, less galvanometers	Physics	Minneapolis-Honeywell Regulator Co., Peoria	4 688 75 f.o.b. Urbana
One induction heating equipment, 10 kw. output, dual frequency power oscillator designed to deliver 250 to 600 K and also 3-5 mc. with multi-turn induction heating coil for specimens 4 in.-6 in. long and .050 in. diameter, 220 volts, 60-cycle	Physics	Factory Standards Laboratory, Inc., Chicago	5 960 00 f.o.b. Urbana
One Grass Instrument Co. six-channel, model 5 polygraph recording unit complete with six driver amplifiers, six oscilloscopes, and six preamplifiers	Psychology	Grass Instrument Co., Quincy, Mass.	3 655 00 f.o.b. delivered
One telechrome model 1005-A1 video transmission test signal generator complete with case	Television-Motion Pictures	General Electric Co., Chicago	3 000 00 f.o.b. delivered
Three type 5820 RCA image orthicon tubes	Television-Motion Pictures	Baptist Electronic Supply, Chicago	3 175 20 f.o.b. delivered
One lot laboratory glassware and supplies	General Chemical Stores	Chicago Apparatus Co., Chicago	29 452 34 f.o.b. delivered
Examination books, 8½ in. x 11 in., horizontal ruling, one-third spacing, 16 lb. No. 4 sulphite bond paper stock: 200,000 sixteen-page books; 200,000 eight-page books; 100,000 four-page books	Office Supply Stores	Morton Printing Co., Pontiac	6 174 00 f.o.b. Urbana

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
15,000 lbs. soft white lead paste, federal specifications TT-W-251-B, Type C, in 100 lb. kegs	Physical Plant Storeroom	National Lead Co., Chicago	\$ 2 737 50 f.o.b. delivered
36 dozen frankfurter roll pans	Housing Division	Ekco Engineering Co., Chicago	3 430 08 f.o.b. delivered
36 dozen hamburger roll pans			
Fire and extended coverage insurance subject to 80 per cent coinsurance on a five-year prepaid basis covering the Central Food Stores Building at an insurable value of \$855,000 and its contents at an insurable value of \$210,000 with total estimated premium of \$7,731.00	Housing Division	Noonan Agency, Campaign, representing the Employers Mutual Casualty Co. Building—\$213,750 Contents— 52,500 Orr Insurance Agency, Springfield, representing the Kansas City Fire and Marine Insurance Co. Building—\$641,250 Contents— 157,500 Total	\$1 269 68 663 08 3 809 02 1 989 22 (7 731 00)
One chromatograph, gas type, silicon and copper columns, sampling valve, liquid sampler, fraction collection system, recorder, for use on 115 volts 60-cycle current	Microbiology	Chicago Apparatus Co., Chicago	3 316 00 f.o.b. delivered
One spectrophotometer, 200 mu to 2500 mu, monochromator with quartz optics, optical bench, power supply for 110 volts 60 cycle, fluorescent attachment and standard accessories	Microbiology	W. H. Kessel & Co., Chicago	6 120 00 f.o.b. delivered and installed
One leak detector, helium, mass spectrometer, type	Physics	Veeco Vacuum Corp., New Hyde Park, Long Island, N.Y.	4 280 00 f.o.b. delivered
One sniffer kit			
One sensitivity calibrator			
750 boxes (eighty pieces per box) Group C asphalt tile 9 x 9 x 3/8	Housing Division	Interior Contract Furnishers Co., Chicago	3 388 35 f.o.b. delivered
Approximately 845 sheets miscellaneous plywood as required for the period January 1, 1960, through June 30, 1960	Physical Plant	Kochton Plywood & Veneer Co., Decatur	4 521 22 f.o.b. delivered (estimated price)
Printing eight issues (26,000 copies each) of <i>Illinois Alumni News</i>	Alumni Association	E. W. Petty Co., Effingham	18 272 00 f.o.b. Urbana
Printing two issues (95,000 copies each) of <i>Illinois Alumni News</i>			

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

COMPTROLLER'S REPORT OF CONTRACTS

(14) The Comptroller's report of contracts executed during the period November 1 to 30, 1959.

<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	Physical properties of the ionosphere by means of satellite radio transmissions	\$78 871 00	July 1, 1959
Pierson Hollowell Co., Inc.	Purchase of 52 black walnut trees from Allerton Farms No. 4 and No. 5	727 00	November 14, 1959
United States Atomic Energy Commission AT(11-1)-833	Atomic energy research and development	36 000 00	October 1, 1959
United States Navy Nonr-2989(00)	Triangulable manifolds	10 249 00	September 16, 1959
United States of America International Cooperation Administration ICAC-1220	Establish at Indian Institute of Technology, Kharagpur, West Bengal, teacher-training programs in engineering	520 500 00	November 3, 1959
United States of America International Cooperation Administration ICAC-1258	Assisting the Uttar Pradesh Government in the organization and development of a United States land-grant type of university	599 500 00	October 30, 1959

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States of America Federal Aviation Agency	Lease of 1714 sq. ft. of space on the University of Illinois Airport new tower building	\$ 3 256 60 annually	October 12, 1959
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
John Deere Plow Co.	Lease of one No. 10 corn attachment with attaching parts	148 34 annually	October 16, 1959
Eversman Manufac- turing Co.	Lease of one model No. 329D land leveler with attachment, one No. PD6 ditcher and panbreaker	157 47 annually	November 2, 1959
International Harvester Co.	Rental of farm machinery—three items: \$49.94 to \$551.22	795 81 annually	November, 1959

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Battle Creek Equip- ment Co.	Changes induced in various physical fitness measures by dynamic exercisers for conditioning purposes	\$ 1 200 00	September 1, 1959
Merck & Co., Inc.	Growth stimulants for swine	3 000 00	October 12, 1959
United States Air Force AF 19(604)-3481	Electromagnetic wave interaction techniques	45 844 93	November 13, 1959
United States Air Force AF 19(604)-4940	Analysis of severe thunderstorms	40 283 00	September 16, 1959
United States Air Force AF 33(600)-31319	Concrete strips and slabs reinforced with continuous steel plate	5 000 00	October 2, 1959
United States Air Force AF 33(616)-5153	Brittle transition in metals	54 219 00	September 18, 1959
United States Air Force AF 49(638)-63	Transistor—RC network synthesis	21 579 00	October 13, 1959
United States Army DA-49-007-MD-544	Nutritive value of major nutrients of irradiated food	9 443 00	November 6, 1959
United States Atomic Energy Commission AT(11-1)-67- Project No. 2	Nutritional biochemistry on the metabolism of vitamins and amino acids	10 000 00	November 11, 1959
United States Atomic Energy Commission AT(11-1)-67- Project No. 12	Metabolism of amino acids labeled with radioactive carbon	5 500 00	November 11, 1959
United States Atomic Energy Commission AT(11-1)-677	Basic research relating to atomic energy	10 000 00	November 11, 1959
United States Navy Nonr-1834(02)	Development of radio wave direction-finding techniques	50 000 00	August 31, 1959
United States Navy Nonr-1834(09)	Properties and kinetics of heat resistant enzymes	37 004 00	October 13, 1959
United States Navy Nonr-1834(15)	Design and development of selected computer components	17 000 00	October 5, 1959
United States Navy Nonr-1834(18)	Variety of topics in number theory	15 398 00	August 15, 1959
United States Navy Nonr-1834(25)	Chemical behavior of subgrain boundaries in metals	15 000 00	August 14, 1959
United States Navy Nonr-1834(26)	Plastic deformation of solids	17 506 00	August 30, 1959
United States Navy Nonr-2947(01)(X)	Unstable fracture in steels	30 000 00	August 14, 1959
United States Navy Nobs-72069(1716)	Pressure vessel design with reference to the reinforcement of openings in shells and plates	40 000 00	October 23, 1959

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: \$196.73 deduct to \$750.00	\$ 1 411 16	October and November, 1959

This report was received for record.

REPORT OF GIFTS AND FUNDS RECEIVED FROM OUTSIDE SOURCES

(15) Following is a report of gifts, grants, and contract funds received by the University from outside sources during the fiscal year July 1, 1958, through June 30, 1959. 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 have not been received. 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, Prizes, and Other Financial Aids*

1. The Alcoa Foundation, Pittsburgh, Pennsylvania: two scholarships in ceramic engineering, academic year 1959-60.....\$ 625 00
2. Mr. Robert Allerton, Kola, Kauai, Hawaii: continuation of Allerton American Traveling Scholarships in Architecture..... 800 00
3. The Allstate Foundation, Skokie, Illinois: scholarships and expenses for extramural classes for driver education teachers conducted by the Extension Division..... 2 500 00
4. American Air Filter Company, Herman Nelson Division, Moline, Illinois: three scholarships in engineering, academic year 1959-60 1 000 00
5. American Society for Metals Foundation for Education and Research, Cleveland, Ohio: continuation of scholarship in metallurgical engineering, academic year 1958-59..... 500 00
6. Armstrong Cork Company, Inc., Lancaster, Pennsylvania: tuition and fees scholarship, academic year 1958-59..... 260 00
7. Various donors: for the Howard C. Arnold Memorial Scholarship Fund 85 00
 - Mrs. Noble Arnold.....\$25 00
 - Helen C. Christenson..... 5 00
 - Edna P. McDonald..... 25 00
 - E. B. Shuck..... 15 00
 - Kathleen C. Zingone..... 15 00
8. Mr. F. R. Baier, Chicago: for the Dean Thomas Arkle Clark Memorial Scholarship Fund..... 500 00
9. Barber-Colman Foundation, Rockford, Illinois: scholarships in engineering..... 4 200 00
10. Bendix Products Division: for the Ceramic Engineering Scholarship Fund 500 00
11. The California Company, New Orleans, Louisiana: scholarship in geology, academic year 1959-60..... 750 00
12. The Campus Chest, a University of Illinois undergraduate fund-raising organization: scholarships..... 1 500 00
13. Carrier Corporation, Syracuse, New York: renewal of scholarship in engineering..... 750 00
14. Ceco Steel Products Corporation, Chicago: scholarships in engineering, academic year 1959-60..... 2 000 00
15. Ceramic Color and Chemical Manufacturing Company, Brighton, Pennsylvania: for the Ceramic Engineering Scholarship Fund.... 500 00
16. Friends and newspaper colleagues of Donald E. Chamberlain: for the Donald E. Chamberlain Journalism Scholarship..... 2 439 60
17. Chemstrand Corporation, Decatur, Alabama: scholarship in chemical engineering, academic year 1958-59..... 500 00

18. Chicago Farmers: renewal of scholarships in agriculture.....	500 00
19. Mr. Warren E. Compton, St. Louis, Missouri: for the Bertha L. Compton Memorial Scholarship.....	50 00
20. Consolidation Coal Company, Library, Pennsylvania: scholarship in chemical engineering, academic year 1959-60.....	500 00
21. Various donors: to the Department of Ceramic Engineering for scholarships.....	3 536 00
22. Corn Products Refining Company, Chicago: scholarships in engineering and physical science, academic year 1958-59.....	2 400 00
23. Corning Glass Works Foundation, Corning, New York: scholarships in ceramic engineering.....	250 00
24. Dad's Association of the University of Illinois: scholarships....	1 500 00
25. George W. Doak Memorial Scholarship Fund: scholarships in vocational agriculture.....	155 00
26. Douglas Aircraft Company, Inc., Santa Monica, California: scholarship for a senior student in aeronautical, electrical, or mechanical engineering, academic year 1959-60.....	750 00
27. The Dow Chemical Company, Midland, Michigan: renewal of scholarship in metallurgy, academic year 1959-60.....	500 00
28. Federal Land Bank, St. Louis, Missouri: two scholarships (\$500 each) in agriculture for freshmen students, academic year 1959-60	1 000 00
29. Forrest L. Forsythe, Chicago: for the Robert Wade Forsythe Scholarship, academic year 1959-60.....	300 00
30. Foundry Educational Foundation, Cleveland, Ohio: scholarships in engineering	1 000 00
31. Fribourg Foundation, Inc., New York, New York: two scholarships (\$500 each) in grain marketing, academic year 1958-59....	1 000 00
32. Fusite Corporation, Cincinnati, Ohio: scholarships in ceramic engineering.....	500 00
33. General Motors Corporation, Detroit, Michigan: scholarship awards under the General Motors College Scholarship Program, academic year 1958-59.....	13 500 00
34. Globe-Union Foundation: for the Ceramic Engineering Scholarship Fund	500 00
35. A. P. Green Fire Brick Company: scholarships in ceramic engineering.....	500 00
36. Harshaw Chemical Foundation: for the Ceramic Engineering Scholarship Fund	500 00
37. Illinois Association for the Crippled, Inc., Chicago: scholarship in occupational therapy.....	500 00
38. Illinois Congress of Parents and Teachers: two scholarships, one for any field of teacher training (\$3,000) and one for preparation to teach exceptional children (\$2,500).....	5 500 00
39. Illinois Federation of Women's Clubs, Chicago: scholarships in occupational therapy	2 503 18
40. Illinois Mining Institute, Urbana, Illinois: scholarships in mining engineering.....	1 500 00
41. Illinois State Federation of Labor, Chicago: two general scholarships (\$500 each).....	1 000 00
42. International Nickel Company, Inc., New York, New York: scholarship in mining and metallurgical engineering.....	500 00
43. David Kinley Educational Foundation, Barrington, Illinois: scholarship in the College of Commerce and Business Administration...	1 500 00
44. Kroger Company, Cincinnati, Ohio: six scholarships (\$250 each) in agriculture and home economics.....	1 500 00
45. Lions Clubs in the Chicago area: scholarships for students training to teach handicapped children.....	6 500 00
Central Lions Club, Chicago.....	\$500 00
Logan Square Lions Club, Chicago.....	500 00
Lakeview Lions Club, Chicago.....	500 00
Uptown Lions Club, Chicago.....	500 00
Oak Park Lions Club, Oak Park.....	500 00

Lyons Lions Club, Lyons.....	500 00
Forest Lions Club, Forest Park.....	500 00
District I-A Lions International.....	500 00
District I-B Lions International.....	250 00
Mayfair Lions Club, Chicago.....	250 00
Higgins Norwood Lions Club, Chicago.....	250 00
Southeast Lions Club, Chicago.....	250 00
Berwyn Lions Club, Berwyn.....	250 00
North Center Lions Club, Chicago.....	250 00
Humboldt Park Lions Club, Chicago.....	250 00
Morgan Park Lions Club, Chicago.....	250 00
Lawndale Lions Club, Chicago.....	250 00
Riverdale Dolton Lions Club, Riverdale.....	250 00
46. The Magnavox Company, Fort Wayne, Indiana: scholarships in engineering, academic year 1958-59.....	3 000 00
47. Men's Residence Halls Association of the University of Illinois: to establish a scholarship to be known as the "Calvin S. Sifferd-MRHA Scholarship" to be awarded annually to students who reside in the Men's Residence Halls.....	300 00
48. Mississippi Valley Structural Steel Company, St. Louis, Missouri: scholarships in architectural engineering and civil engineering, academic year 1958-59.....	1 400 00
49. Monsanto Chemical Company, St. Louis, Missouri: scholarships in chemical engineering.....	500 00
50. Colonel Robert H. Morse Foundation, Chicago: six scholarships in engineering, academic year 1958-59.....	3 000 00
51. Mother's Association of the University of Illinois: scholarships..	1 200 00
52. Motorola, Inc., Chicago: renewal of two scholarships (\$500 each) in art, academic years 1958-59 and 1959-60.....	2 000 00
53. National Aluminate Corporation, Chicago: scholarships in engineering, academic year 1958-59.....	1 000 00
54. National Merit Scholarship Corporation, Evanston, Illinois: scholarships.....	2 600 00
55. Nonacademic Employees' Council of the University of Illinois, Urbana: scholarship for a son or daughter of a nonacademic employee on the Urbana campus.....	250 00
56. Estate of LaVerne Noyes: scholarships.....	3 124 96
For many years the University has been a beneficiary of the estate of LaVerne Noyes. LaVerne Noyes of Chicago died July 24, 1919. The trust assets have been distributed to the income beneficiaries so that the University now has its share of the principal as well as the income from it. The amount reported here represents the gain in value of the securities turned over to the University.	
57. Old Ben Coal Company, Chicago: two scholarships in mining engineering, academic year 1958-59.....	1 000 00
58. Owens-Corning Fiberglas Corporation, Toledo, Ohio: scholarships in engineering, academic year 1958-59.....	1 500 00
59. Owens-Illinois Glass Company, Toledo, Ohio: scholarship in engineering, academic year 1958-59.....	1 850 00
60. Pennsylvania Glass Sand Corporation, Pittsburgh, Pennsylvania: scholarship in ceramic engineering.....	750 00
61. Pi Kappa Lambda Music Fraternity: for the F. B. Stiven Memorial Scholarship in Music.....	600 00
62. Mr. Austin Pickard, Antioch, Illinois: for the Ceramic Engineering Scholarship Fund.....	25 00
63. The Presser Foundation, Philadelphia, Pennsylvania: scholarship in music, academic year 1958-59.....	350 00
64. Ralston Purina Company, St. Louis, Missouri: scholarship in agriculture, academic year 1958-59.....	500 00
65. Rock Island Mother's Association, Rock Island, Illinois: scholarship, academic year 1958-59.....	150 00
66. Mr. Harold Ropp: for the Ceramic Engineering Scholarship Fund	250 00

67. Estates of Gretchen Johanna Schilling and Paul Charles Schilling..	51 699 77
The bequests of these estates were reported to the Board of Trustees on March 11 and May 29, 1958; to be used to aid worthy, indigent students. Since the bequests indicated no other restrictions, the Board authorized placing one-half of the proceeds in an endowment fund, the income to be used for scholarships, and the other half to be used for student loans. This item is the scholarship endowment.	
68. The Scully-Jones Foundation, Chicago: scholarships in mechanical and industrial engineering, academic year 1959-60.....	300 00
69. Sears-Roebuck Foundation, Chicago: scholarships in agriculture (\$3,625) and home economics (\$800), academic year 1958-59.....	4 425 00
70. Mr. R. R. Sherrill: scholarships in ceramic engineering.....	200 00
71. Alfred P. Sloan Foundation, Inc., New York, New York.....	7 000 00
Annual stipends for five Alfred P. Sloan National Scholars for a two-year period beginning with academic year 1958-59.....\$3 500 00	
Annual stipends for five Alfred P. Sloan National Scholars for a two-year period beginning with academic year 1959-60.....3 500 00	
72. Square D Company, Detroit, Michigan: two scholarships (\$400 each) in engineering.....	800 00
73. Student Organizations of the University of Illinois: scholarships..	2 000 00
74. Texaco, Inc., a Delaware Corporation: two scholarships in engineering, academic year 1958-59.....	550 00
75. Various donors: to establish the Raymond Torr Memorial Scholarship in Journalism (Mr. Torr was Public Relations Director of the National Fund for Medical Education).....	1 610 00
76. Union Carbide Educational Fund, New York, New York: four scholarships each in chemical engineering and mechanical engineering, academic year 1958-59.....	3 200 00
77. United States Rubber Company, New York, New York: scholarships, academic year 1959-60.....	1 500 00
78. Universal Oil Products Company, Des Plaines: renewal of scholarships in chemical engineering, academic year 1959-60.....	1 000 00
79. Various donors: for the Undergraduate Scholarship Fund.....	172 79
Chicago Bridge and Iron Company, Chicago.....100 00	
Thomas Martin, Seattle, Washington.....25 00	
Student Organizations.....47 79	
80. Vitreous Steel Products Company: for the Ceramic Engineering Scholarship Fund.....	500 00
81. Western Electric Company, New York, New York: three scholarships, academic year 1958-59.....	1 200 00
82. Westinghouse Electric Corporation, Baltimore, Maryland: for the Westinghouse Air Arm scholarship awards, academic year 1958-59	1 500 00
83. Estate of Colonel Leigh F. J. Zerbee: scholarships in civil engineering and military science (the bequest to the University made in Colonel Zerbee's will was reported to the Board on May 16, 1959)...	59 325 63
84. Zeta Tau Alpha Foundation, Evanston, Illinois: for a scholarship in honor of Shirley K. Strout to a woman student in Journalism..	250 00
85. Alschuler Philanthropic Fund, Inc., Chicago: to the Department of Architecture for an award to a student in architecture.....	25 00
86. Alfred Benesch and Associates, Chicago.....	2 000 00
For the A. L. Thomas Award for junior civil engineering students.....\$1 000 00	
For the Ira O. Baker Awards for senior civil engineering students.....1 000 00	
87. Edison Electrical Institute, New York, New York: prizes in architecture.....	100 00
88. Dr. Arthur L. Ennis, Decatur, Illinois: for the Dr. and Mrs. Arthur L. Ennis Student Loan Fund.....	400 00
89. Estate of Mrs. Alma Escher: for the Gertrude Escher Loan Fund (the bequest of Mrs. Alma Escher was reported to the Board on March 11, 1958).....	111 480 88

90. French Government: to the Department of French to assist outstanding students in their studies of French.....	200 00
91. Illinois Citizenship Clearing House: to the Institute of Government 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 participation in the activities of political parties of their choice).....	2 514 22
92. Kappa Tau Alpha, national honorary society in journalism: for expenses for an annual journalism banquet.....	135 00
93. Kivett and Myers and McCallum, Kansas City, Missouri: for an award to a student in architecture.....	100 00
94. Lawyers Title Insurance Company, Richmond, Virginia: for the Company's annual award to a senior law student for excellence in scholarship.....	100 00
95. Mrs. Edith B. May, Port Washington, New York: to establish the David T. May Student Loan Fund.....	4 083 76
96. St. Louis Union Trust Company, St. Louis, Missouri: for the Robert R. Hudelson Student Fund account.....	150 00
97. Mrs. H. I. Sargent, Portland, Oregon: for the Elsie Anderson Memorial Loan Fund.....	10 00
98. Estates of Gretchen Johanna Schilling and Paul Charles Schilling. The bequests of these estates were reported to the Board of Trustees on March 11 and May 29, 1958, to be used to assist worthy, indigent students. Since the bequests indicated no other restrictions, the Board authorized placing one-half of the proceeds in an endowment fund, the income to be used for scholarships, and the other half to be used as student loans. This item is the loan fund.	51 699 76
99. Star Course, University of Illinois: to the School of Music for awards to students participating in its activities.....	1 000 00
100. Various donors: to the Dean of Women for the Women Students Aid Fund.....	3 850 41
101. American Accounting Association: to the Department of Accountancy for publishing an academic bulletin.....	300 00
102. American Dairy Association of Illinois, Inc., Chicago: to the Department of Agricultural Economics for employment of an information specialist in the Extension Service in the field of dairy marketing.....	5 000 00
103. American Mathematical Society: to the Department of Mathematics to contribute to the cost of publishing a Journal of Mathematics.....	2 000 00
104. The Glidden Company, Cleveland, Ohio: to the Department of Chemistry and Chemical Engineering for the Glidden Company Lecture in Chemistry.....	500 00
105. Illinois Dairy Products Association, Inc.: to the Department of Dairy Science for a study of the quality factors affecting the marketing of milk and cream for processing.....	4 565 02
106. Institute of Life Insurance, New York: for a summer workshop in Education in Family Finance.....	10 301 50
107. W. K. Kellogg Foundation, Battle Creek, Michigan.....	49 527 34
For operating costs of the International Conference of Agricultural Economists.....	\$ 3 583 34
For the National Association of Educational Broadcasters in support of educational broadcasting.....	45 944 00
108. Midwest Television, Inc., Champaign, Illinois: to continue the development of agricultural and consumer-information television programs.....	3 000 00
109. Perkins and Will, Chicago: a grant to the Department of Architecture.....	1 000 00
110. Westinghouse Educational Foundation, Pittsburgh, Pennsylvania: to the Department of Mining and Metallurgical Engineering for purchase of equipment in connection with a new course in metallurgy developed for electrical engineers.....	3 000 00

111. Weymouth Kirkland Foundation, Chicago: to the College of Law for educational expenses.....	100 00
112. Mr. James Webb Young: to establish the James Webb Young Education in Advertising Fund.....	250 00
113. Various donors: for 4-H Club Work.....	3 520 00
National Bank of Commerce of Chicago.....	20 00
Park Forest 4-H Club Advisory Council.....	1 000 00
Sears-Roebuck Foundation	2 000 00
J. Walter Thompson Company, Chicago.....	500 00
<i>Total, Undergraduate Scholarships, Prizes, and Other Financial Aids.....</i>	<i>\$492 849 82</i>

Funds for Graduate Fellowships and Research

114. Abbott Laboratories Fund, North Chicago: renewal of Roger Adams Fellowship in Chemistry, academic year 1959-60.....	\$ 2 300 00
115. Allied Chemical and Dye Corporation.....	5 072 00
Barrett Division, New York, New York, renewal of fellowship in chemistry, academic year 1958-59.....	\$ 2 536 00
Nitrogen Division, Hopewell, Virginia, renewal of fellowship in chemistry, academic year 1958-59.....	2 536 00
116. American Cyanamid Company, New York: renewal of fellowship in chemistry, academic years 1958-59 and 1959-60.....	5 536 00
117. American Dairy Association: fellowship in the Department of Food Technology, academic year 1958-59.....	1 500 00
118. Automotive Safety Foundation, Washington, D.C.: renewal of fellowship in civil engineering, academic year 1958-59.....	2 000 00
119. Bendix Aviation Corporation, Detroit, Michigan: renewal of fellowship in engineering, academic year 1958-59.....	3 000 00
120. Alfred Benesch and Associates, Chicago: fellowship in civil engineering in honor of Professor Emeritus Thomas C. Shedd.....	2 000 00
121. The California Company, New Orleans, Louisiana.....	3 536 00
Tuition and fees for fellowship in geology, academic year 1958-59	\$ 536 00
Fellowship in geology, academic year 1959-60.....	1 500 00
Fellowship in civil engineering.....	1 500 00
122. Campbell Soup Company, Camden, New Jersey: fellowship in plant sciences, academic year 1959-60.....	3 500 00
123. Collins Radio Company, Cedar Rapids, Iowa: fellowship in electrical engineering	1 500 00
124. Consolidation Coal Company, Library, Pennsylvania: fellowship in chemical engineering, academic year 1959-60.....	2 450 00
125. Continental Oil Company, Ponca City, Oklahoma: fellowship in mathematics, academic year 1958-59.....	2 500 00
126. Convair, San Diego, California: fellowship in physics, academic year 1958-59	3 300 00
127. Corning Glass Works Foundation, Corning, New York: fellowship in physics, academic year 1958-59.....	3 536 00
128. The Dow Chemical Company, Midland, Michigan: renewal of two fellowships in chemistry (\$2,500) and chemical engineering (\$2,500), academic year 1959-60.....	5 000 00
129. Drug and Chemical Industries Activities Committee of Illinois: fellowship in chemistry, academic year 1959-60.....	1 000 00
130. E. I. Du Pont de Nemours and Company, Wilmington, Delaware..	10 311 00
Postgraduate teaching assistantship in chemistry.....	2 900 00
Fellowship in chemical engineering.....	3 786 00
Fellowship in biochemistry.....	3 625 00
131. Eastman Kodak Company, Rochester, New York: fellowship in electrical engineering, academic year 1958-59.....	2 000 00
132. Esso Research and Engineering Company, Linden, New Jersey: renewal of fellowship in civil engineering, academic year 1958-59..	3 950 00
133. Ethyl Corporation, Ferndale, Detroit, Michigan: renewal of fellowship in chemistry and chemical engineering, academic year 1958-59.....	2 586 00
134. The Firestone Tire and Rubber Company, Akron, Ohio: renewal of fellowship in chemistry, academic year 1958-59.....	2 036 00

135.	The Ford Foundation, New York, New York.....	74	707	00	
	Fellowship in psychology.....	6	657	00	
	Two predoctoral fellowships in business administration..	7	050	00	
	Postdoctoral fellowship for a study of the education of exceptional children, academic year 1958-59.....	15	000	00	
	Fellowship-intern program in the College of Engineering	46	000	00	
136.	General Electric Educational and Charitable Fund, Schenectady, New York	12	955	00	
	Fellowship in economics, academic year 1958-59.....	2	036	00	
	Fellowship in ceramic engineering, academic year 1958-59	2	686	00	
	Fellowship in chemistry, academic year 1958-59.....	2	911	00	
	Fellowship in electrical engineering, academic year 1958-59.....	2	636	00	
	Fellowship in physics, academic year 1958-59.....	2	686	00	
137.	Grubb-Petersen Advertising Agency, Champaign, Illinois: to the Department of Advertising to supplement the income of a graduate assistant in advertising.....		250	00	
138.	Hammond Lead Products, Inc., Hammond, Indiana: renewal of fellowship in ceramic engineering, academic year 1958-59.....	2	000	00	
139.	Hull House Association: fellowship in the School of Social Work	3	600	00	
140.	Illinois Clay Products Company, Joliet, Illinois: fellowship in geol- ogy, academic year 1958-59.....	4	000	00	
141.	Illinois Consumer Finance Association, Chicago: fellowship in marketing.....	1	000	00	
142.	Illinois Production Credit Association: fellowship in agricultural economics, academic year 1958-59.....		360	00	
143.	Inland Steel-Ryerson Foundation, Inc., Chicago: renewal of fel- lowship in mining and metallurgical engineering, academic year 1958-59.....	3	600	00	
144.	International Business Machines Corporation, Poughkeepsie, New York.....	4	350	00	
	Fellowship in data processing.....	\$2	000	00	
	Fellowship in physical chemistry.....	2	350	00	
145.	International Nickel Company, Inc., New York, New York: fel- lowship in mathematics, academic year 1958-59.....	4	000	00	
146.	Johnson and Johnson, New Brunswick, New Jersey: renewal of Roger Adams Fellowship in Organic Chemistry, academic year 1958-59.....	2	300	00	
147.	Lead Industries Association, New York, New York: two fellow- ships (\$3,000 each) in ceramic engineering.....	6	000	00	
148.	Eli Lilly and Company, Indianapolis, Indiana: renewal of fellow- ship in chemistry and chemical engineering, academic year 1959-60	2	500	00	
149.	Lubrizol Foundation, Cleveland, Ohio: renewal of fellowship in chemistry, academic year 1959-60.....	3	000	00	
150.	Minneapolis-Honeywell Regulator Company, Philadelphia, Pennsyl- vania: fellowship in geology, academic year 1959-60.....	2	500	00	
151.	Minnesota Mining and Manufacturing Company, St. Paul, Minne- sota: renewal of fellowships in chemistry and chemical engineer- ing, academic year 1959-60.....	4	000	00	
152.	Monsanto Chemical Company, St. Louis, Missouri: two fellow- ships, one in organic chemistry and one in chemistry (other than organic) or chemical engineering (\$2,650 each), and a summer session fellowship in chemistry (\$650).....	5	950	00	
153.	Motorola, Inc., Chicago: renewal of Paul V. Galvin Fellowship in electrical engineering, academic year 1958-59.....	2	500	00	
154.	National Distillers and Chemical Corporation, New York, New York: two fellowships, one each in chemistry and chemical engi- neering, academic year 1959-60.....	4	400	00	
155.	National Lead Company.....	4	400	00	
	Titanium Alloy Manufacturing Division, Niagara Falls, New York: renewal of fellowship in ceramic engineer- ing, academic year 1959-60.....	\$	2	000	00
	Baroid Division, Houston, Texas: renewal of fellowship in geology, academic year 1959-60.....	2	400	00	

156. Edward Orton, Jr. Ceramic Foundation, Columbus, Ohio: renewal of two fellowships in ceramic engineering, academic year 1958-59...	3 600 00
157. Owens-Corning Fiberglas Corporation, Newark, Ohio: renewal of fellowship in ceramic engineering, academic year 1958-59.....	1 700 00
158. Parke-Davis and Company, Detroit, Michigan: renewal of fellowship in biochemistry, academic year 1959-60.....	2 250 00
159. Charles Pfizer and Company, Brooklyn, New York.....	11 200 00
Fellowship in organic chemistry, academic year 1959-60..\$ 6 200 00	
Fellowship in biochemistry, academic year 1959-60.....	5 000 00
160. Phillips Petroleum Company, Bartlesville, Oklahoma: renewal of fellowship in chemistry, academic year 1959-60.....	2 500 00
161. The Procter and Gamble Company, Cincinnati, Ohio: renewal of fellowship in chemistry, academic year 1959-60.....	3 550 00
162. Radio Corporation of America, New York, New York: renewal of fellowship in electrical engineering, academic year 1958-59.....	3 386 00
163. Raymond Concrete Pile Company, New York, New York: the Raymond Concrete Pile Company Fellowship, Memorial to A. E. Cummings, academic year 1958-59.....	2 100 00
164. Raytheon Manufacturing Company, Waltham, Massachusetts: fellowship in physics, academic year 1958-59.....	2 850 00
165. Research Corporation, New York, New York: renewal of fellowship in biochemistry, academic year 1959-60.....	5 000 00
166. The Rockefeller Foundation, New York, New York: fellowship in microbiology	1 279 00
167. Rohm and Haas Company, Philadelphia, Pennsylvania: renewal of fellowship in chemistry.....	3 000 00
168. Shell Companies Foundation, Inc., New York, New York: renewal of fellowship in chemical engineering, academic year 1958-59.....	2 426 00
169. Shell Companies Foundation, Inc., New York, New York: renewal of fellowship in geology, academic year 1958-59.....	2 736 00
170. Sinclair Research Laboratories, Inc., New York, New York: renewal of fellowship in organic chemistry, academic year 1959-60..	2 500 00
171. Socony Mobil Oil Company, Inc., Paulsboro, New Jersey: fellowship in chemistry and chemical engineering, academic year 1959-60	3 186 00
172. Sperry Gyroscope Company, Great Neck, New York: renewal of fellowship in mechanical engineering, academic year 1959-60.....	2 500 00
173. Standard Oil Company of California, San Francisco, California: renewal of fellowship in chemistry, academic year 1959-60.....	2 800 00
174. Standard Oil Company, Cleveland, Ohio: renewal of Sohio Fellowship in chemistry and chemical engineering, academic year 1958-59	2 750 00
175. Standard Oil Foundation, Inc., Chicago: renewal of fellowship in chemistry, academic year 1959-60.....	3 000 00
176. Sun Oil Company, Philadelphia, Pennsylvania: fellowship in organic chemistry, academic year 1958-59.....	3 336 00
177. Television Shares Management Corporation, Chicago: renewal of fellowship in electrical engineering, academic year 1958-59.....	2 000 00
178. Texas Instruments, Inc., Dallas, Texas: renewal of fellowship in physics, academic year 1959-60.....	2 666 00
179. Toms River-Cincinnati Chemical Corporation, Cincinnati, Ohio: renewal of fellowship in chemistry, academic year 1958-59.....	2 336 00
180. The Toni Company, Chicago: for the Gillette-Toni Fellowship in chemistry and chemical engineering, academic year 1958-59.....	4 000 00
181. The Trane Company, LaCrosse, Wisconsin: renewal of fellowship in mechanical engineering, academic year 1959-60.....	2 000 00
182. Union Carbide Corporation: renewal of fellowships.....	13 872 00
Fellowship in chemistry.....\$ 3 300 00	
Fellowship in physics.....	3 636 00
Fellowship in mining and metallurgical engineering.....	3 300 00
Fellowship in chemical engineering.....	3 636 00
183. United States Rubber Company, New York, New York: renewal of fellowship in chemistry.....	3 300 00
184. United States Steel Foundation, Inc., New York, New York: fellowship in physics.....	600 00

185. Universal Match Corporation, St. Louis, Missouri: renewal of fellowship in chemistry, academic year 1958-59.....	2 500 00
186. The Upjohn Company, Kalamazoo, Michigan: fellowship in microbiology, academic year 1959-60.....	2 670 00
187. Victor Chemical Works, Chicago: renewal of fellowship in chemistry, academic year 1958-59.....	2 200 00
188. Westinghouse Educational Foundation, Pittsburgh, Pennsylvania: fellowships in electrical engineering, \$3,000 each, academic years 1958-59 and 1959-60.....	6 000 00
189. Woodrow Wilson National Fellowship Foundation, Princeton, New Jersey.....	32 000 00
To students genuinely interested in a teaching career for assistance beyond their first year of graduate work.....	\$24 000 00
To the Graduate College for strengthening its graduate program.....	8 000 00
190. Zeta Phi Eta: fellowship in speech.....	600 00
191. Abbott Laboratories, North Chicago: to the Department of Animal Science for studies on arsenilic acid and erythromycin in swine	1 500 00
192. Allied Chemical and Dye Corporation, Nitrogen Division, Hopewell, Virginia	5 000 00
To the Department of Agronomy for a study of mobility and transformation of nitrogen compounds in soils and the efficiencies of the nitrogen compounds in crop production.....	\$ 2 500 00
To the Department of Animal Science for a study of ruminant nutrition	2 500 00
193. Aluminum Company of America, Pittsburgh, Pennsylvania: to the Department of Agricultural Engineering for a study of farm structures.....	2 500 00
194. American Cancer Society, Inc.....	34 432 24
To the Department of Botany for a study of plant tumors incited by virus (E4 and E4A).....	\$12 647 00
To the Department of Microbiology for a study of viruses (E32 and E59A).....	18 632 24
To the Department of Zoology for a study of the action of nucleoprotein particles known as tumor agents and their similar counterparts sometimes called microsomes.	3 153 00
195. American Chemical Society, Washington, D.C.....	23 075 00
To the Department of Chemistry and Chemical Engineering for research on the effects of angle-strain.....	\$ 5 825 00
To the Department of Chemistry and Chemical Engineering for nuclear magnetic and electron spin resonance studies of hydrocarbons.....	17 250 00
196. American Cyanamid Company, Stamford, Connecticut.....	4 000 00
To the Department of Plant Pathology for a study of fungicides.....	\$ 1 000 00
To the Department of Agronomy for a study of weed control.....	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.....	2 000 00
197. American Dairy Association.....	8 500 00
To the Department of Food Technology for a cooperative study on the effect of milk protein to milk fat ration on fat utilization.....	\$ 2 500 00
To the Department of Food Technology to study the antiatherogenic effect of butterfat.....	6 000 00
198. American Farm Research Association: to the Department of Agronomy for a study of the chemistry of urea as a source of nitrogen in soils.....	2 000 00
199. 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.....	2 250 00

200.	American Foundation for the Blind, Inc., New York: for tests involving speed of perception and efficiency of conceptualization on the basis of tactual stimulation.....	12 382 00
201.	American Steel Foundries Foundation, Chicago: to the Department of Mechanical Engineering for cast metals education.....	250 00
202.	American Iron and Steel Company: to the Department of Theoretical and Applied Mechanics.....	55 750 40
	A study of the cause of failures in railroad rails in service	\$24 750 40
	An investigation of continuous reinforced concrete beams failing in shear.....	14 000 00
	A study of welded wire fabric.....	17 000 00
203.	American Potash Institute, Inc.: to the Department of Agronomy for a study of requirements for and biochemical function of potassium by crop plants.....	2 500 00
204.	American Society of Heating and Air Conditioning Engineers, Inc., New York, New York: to the Department of Mechanical Engineering for research on hot water venting.....	800 00
205.	American Society of Landscape Architects Committee on Research: to the Department of City Planning and Landscape Architecture for a study of the status of research relevant to the field of landscape architecture for guidance and preparation of research performance	1 110 00
206.	Archer-Daniels-Midland Foundation, Minneapolis, Minnesota: to the Department of Food Technology for studies on fats and oils..	500 00
207.	Armour and Company, Chicago.....	11 000 00
	To the Department of Animal Science for studies in the field of animal nutrition.....	\$ 4 000 00
	To the Department of Animal Science for studies on the metabolism of labeled Dynafac.....	1 000 00
	To the Department of Food Technology for a study of the factors which affect the stability of highly unsaturated fatty acids.....	6 000 00
208.	Association of American Railroads: to the Department of Civil Engineering.....	9 500 00
	A study of load distribution.....	\$ 6 000 00
	A study of roadbed stabilization.....	500 00
	A study of the performance of filter material in sub-drains	3 000 00
209.	The Babcock and Wilcox Company, New York, New York: to the College of Engineering for engineering and technical education....	1 400 00
210.	Battle Creek Equipment Company: to the Department of Physical Education for Men for a study of trim machines.....	1 200 00
211.	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	10 749 12
212.	Boeing Airplane Company: to the Department of Electrical Engineering for research on antennas.....	15 140 99
213.	The California Company, New Orleans, Louisiana: to the Department of Civil Engineering for fundamental research.....	750 00
214.	California Spray-Chemical Corporation: to the Department of Plant Pathology for a study on diseases of apples and grapes.....	300 00
215.	Cargill Foundation, Minneapolis, Minnesota: to the Department of Agronomy for studies on rock phosphates.....	750 00
216.	Carnegie Corporation, New York: to the Department of Mathematics	209 450 00
	Development of new high school mathematics program \$141 900 00	
	Development of new elementary school arithmetic program	67 550 00
217.	Chicago Association of Commerce and Industry and the Illinois Division of Industrial Planning and Development: to the Department of Geography for a study of Chicago Industrial Expansion..	3 925 00

218. Commercial Solvents Corporation: to the Department of Animal Science for a study of vitamins and growth factors in swine nutrition.....	3 000 00
219. Commonwealth Edison Company, Chicago: to the College of Agriculture for studies on advancing the efficient, safe, and economic use of electricity on Illinois farms.....	3 500 00
220. 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...	3 500 00
221. Consumers Union, Mt. Vernon, New York: to the Bureau of Economic and Business Research for conducting three monthly surveys of Consumers' membership.....	2 781 00
222. Container Corporation of America, Chicago: to the Department of Art for work in the area of product design.....	500 00
223. Various donors: to the University High School for research in non-verbal awareness, using animals.....	1 000 00
224. Corn Industries Research Foundation, Inc., Washington, D.C.....	11 754 00
To the Department of Food Technology for studies on use of corn products coating for control of shrink on red meat during cooling and storage.....	\$ 6 354 00
To the Department of Home Economics for studies on the behavior of starches in food products.....	5 400 00
225. 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
226. Creole Petroleum Corporation, New York, New York: to the Department of Civil Engineering for research in soil mechanics...	13 000 00
227. Crop-Hail Insurance Actuarial Association: to the State Water Survey for a study of hail storms.....	10 000 00
228. Curtiss Improved Stud Service, Inc., Cary, Illinois: to the Department of Dairy Science for studies in artificial insemination.....	2 500 00
229. Davison Chemical Company: to the Department of Agronomy for field evaluations of monocalcium phosphate.....	1 000 00
230. Dawe's Laboratories, Inc.: to the Department of Animal Science for a study on rations for broiler production.....	1 800 00
231. DeLaval Separator Company, Chicago: to the Department of Food Technology for studies on ice cream mix.....	500 00
232. E. I. Du Pont de Nemours and Company, Wilmington, Delaware: to the Department of Chemistry and Chemical Engineering for fundamental research.....	20 000 00
233. The Engineering Foundation: to the Department of Civil Engineering for studies of alloy steels, fatigue data, and structural joints.....	26 750 00
234. Exercycle Corporation: to the Department of Physical Education for Men for research.....	2 500 00
235. The Farm Foundation: to the Department of Agricultural Economics to conduct the legal economics symposium.....	234 76
236. Flint, Eaton, and Company: to the Department of Physiology for research on iron metabolism.....	2 610 50
237. The Ford Foundation, New York, New York.....	172 369 00
To the Department of Sociology for research on the effectiveness of the federal correctional system.....	\$73 485 00
To the Department of Sociology for a study of regularities of socio-economic change in economically developing societies.....	58 284 00
To the Bureau of Economic and Business Research for a study of family savings.....	35 000 00
To the University Press for the support of scholarly publications in the humanities and the social sciences...	5 600 00
238. Forest Park Foundation, Peoria, Illinois: to the Institute of Labor and Industrial Relations for a study of economic problems of older workers in the Peoria area.....	8 000 00

239. Foundry Educational Foundation, Cleveland, Ohio: to the Department of Mechanical Engineering for fundamental research.....	250 00
240. 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
241. The Greater Joliet Committee, Inc., Joliet, Illinois: to the Department of Architecture for a study for the redevelopment of Joliet's central business district.....	1 000 00
242. Griffin Wheel Company: to the Department of Ceramic Engineering for a study of steel casting refractories.....	22 202 32
243. L. S. Heath and Sons, Inc., Robinson, Illinois: to the Department of Marketing for a class study project.....	400 00
244. Hercules Powder Company, Inc., Wilmington, Delaware: to the Department of Chemistry and Chemical Engineering for teaching and research requirements.....	4 000 00
245. Hoffman-La Roche, Inc., Nutley, New Jersey: to the Department of Animal Science for research on biotin metabolism.....	3 418 00
246. Illinois Council on Educational Administration: to the Bureau of Educational Research to employ an assistant to the Research Coordinator.....	2 200 00
247. Illinois Curriculum Program, Inc.: to the College of Education for salary and travel expenses for an assistant in the Staff Utilization Program	4 000 00
248. Illinois Dairy Products Association, Inc.: to the Department of Dairy Science for cream quality research.....	6 214 48
249. Illinois Farm Supply Company, Chicago.....	17 400 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
To the Department of Agricultural Engineering for studies on improvement of farm tractor maintenance....	15 000 00
250. Illinois Heart Association.....	8 000 00
To the Department of Food Technology for a study of dietary cholesterol	\$ 6 000 00
To the Department of Physiology for research.....	2 000 00
251. Illinois Liquid Fertilizer Association: to the Department of Agronomy for a study on the comparison of liquid and dry fertilizers in field trials.....	500 00
252. Illinois Seed Producers Association, Inc.: to the Department of Agronomy for corn research.....	9 000 00
253. Illinois State Turkey Growers Association, Palatine, Illinois: to the Department of Veterinary Research for a study of the diseases of turkeys.....	1 436 50
254. Institute of Boiler and Radiator Manufacturers: to the Department of Mechanical Engineering for a study of steam and water heating.....	35 500 00
255. International Minerals and Chemical Corporation of Chicago: to the Department of Food Technology for purchase of equipment needed in research and teaching.....	135 00
256. Iowa State University, Ames, Iowa: to the Department of Electrical Engineering for research.....	8 112 00
257. State University of Iowa, Iowa City, Iowa: to the Department of Electrical Engineering for research being done in the Biophysical Research Laboratory	14 800 00
258. Kewanee Machinery and Conveyor Company: 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.....	5 400 00
To the College of Physical Education for wheat germ oil research	\$ 1 400 00
To the Department of Food Technology for studies on fats and oils.....	4 000 00

260.	Kinney and Company, Inc.: to the Department of Physiology for research on iron metabolism.....	2 610 50
261.	Lumber Dealers Research Council: to the Small Homes Council-Building Research Council for research on roof panels.....	2 132 76
262.	Malting Barley Improvement Association, Milwaukee, Wisconsin: to the Department of Agronomy for barley variety testing.....	300 00
263.	McDonnell Aircraft Corporation: to the Department of Civil Engineering for research.....	16 992 00
264.	Mayflower Warehousemen's Association, Indianapolis, Indiana: to the Bureau of Business Management for a study of salesmen compensation plans	3 450 00
265.	Merck and Company, Inc., Rahway, New Jersey.....	5 000 00
	To the Department of Animal Science for studies on unidentified factors in nutrition.....\$ 2 000 00	
	To the Department of Animal Science for a study of growth stimulants in swine.....	3 000 00
266.	Metropolitan Sanitary District of Greater Chicago: to the Department of Agronomy for a field study of the substitution value of sludge for nitrogen and phosphorous.....	8 000 00
267.	Midwest Agricultural Limestone Institute: to the Department of Agronomy for a study of soil management.....	500 00
268.	Midwest Dried Milk Company, Dundee, Illinois: to the Department of Animal Science for whey evaluation.....	2 600 00
269.	Midwest Pharmaceutical Advertising Club, Chicago: to the Department of Marketing for employment of a research assistant...	1 500 00
270.	Mr. C. Philip Miller, Chicago: to add to the Sinissippi Forest Trust Fund in support of forestry research.....	2 850 48
271.	Mink Farmers' Research Foundation, Inc., Milwaukee, Wisconsin: to the College of Veterinary Medicine for studies on virus enteritis in mink	5 500 00
272.	Monsanto Chemical Company, St. Louis, Missouri.....	2 500 00
	To the Department of Plant Pathology for studies on the fungicidal action of chemical compounds.....\$ 500 00	
	To the Department of Agronomy for studies of the herbicidal action of chemical compounds.....	2 000 00
273.	Moorman Manufacturing Company: to the Department of Animal Science for studies of poultry nutrition and pig rations.....	5 200 00
274.	Mark L. Morris Animal Foundation: to the Department of Veterinary Research for a study of lead poisoning in the dog....	2 875 00
275.	Muscular Dystrophy Association of America, Inc.: to the Department of Animal Science for research.....	6 750 00
276.	National Academy of Sciences: to the Department of Animal Science for research.....	382 83
277.	National Association of Secondary School Principals.....	11 571 52
	To the University High School for experimental work in teaching of biology, French, and chemistry.....\$10 000 00	
	To the College of Education for secretarial assistance in the Staff Utilization Program.....	1 571 52
278.	National Lead Company: to the Department of Chemistry and Chemical Engineering for research.....	6 182 00
279.	National Lime Association, Washington, D.C.: to the Department of Geology to 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.....	6 500 00
280.	National Livestock and Meat Board: To the Department of Food Technology for a study of biological utilization of fatty acid isomers.....	8 500 00
281.	Division of National Missions of the Board of Missions of the Methodist Church of Philadelphia, Pennsylvania: an assistantship in rural sociology.....	2 500 00
282.	The National Vitamin Foundation, Inc., New York, New York....	11 302 00

	To the Department of Animal Science for studies on biotin.....	\$ 4 550 00
	To the Radiocarbon Laboratory, Graduate College, for research on radioactive Vitamin A.....	6 752 00
283.	National Warm Air Heating and Air Conditioning Association: to the Department of Mechanical Engineering for a study of heating, ventilating, and air conditioning as related to warm air furnace heating	38 612 04
284.	Naugatuck Chemical Company, Naugatuck, Connecticut: to the Department of Agronomy for studies on weed research.....	2 000 00
285.	Owens-Corning Fiberglas Corporation, Toledo, Ohio: to the Small Homes Council-Building Research Council for a study of thermal comfort	12 451 00
286.	Paraffin Research Council: to the Department of Food Technology for research on ice cream cartons.....	500 00
287.	Charles Pfizer and Company, Inc., Brooklyn, New York.....	9 327 00
	To the Department of Animal Science for a study of vitamins in swine nutrition.....	\$2 000 00
	To the Department of Chemistry and Chemical Engineering for research on steroids.....	7 327 00
288.	The Procter and Gamble Company, Cincinnati, Ohio: to the Department of Chemistry and Chemical Engineering for studies of egg yolk lipids (\$6,000) and wheat lipids (\$6,000).....	12 000 00
289.	Portland Cement Association: to the Department of Agricultural Engineering for a study of lightweight reinforced concrete rigid frames for farm structures.....	2 500 00
290.	Pure Milk Association, Chicago: to the Department of Agricultural Economics for studies of the milk market in northern Illinois.....	1 000 00
291.	Quaker Oats Company, Chicago: to the Department of Agronomy for a study of oat hybrids.....	2 000 00
292.	Village of Rantoul: to the Bureau of Business Management for a study of fiscal and control system of an incorporated village providing municipal services and operating the public utilities for water and water-conditioning and electric power.....	4 000 00
293.	Refrigeration Research Foundation, Chicago: to the Department of Food Technology for studies on the effects of refrigerated storage on properties of dairy products.....	4 000 00
294.	Joseph and Helen Regenstein Foundation, Chicago: to the State Natural History Survey for research in agriculture.....	2 500 00
295.	Reinforced Concrete Research Council.....	37 500 00
	To the Department of Civil Engineering for a study of floor slabs	\$30 000 00
	To the Department of Theoretical and Applied Mechanics for a study of slab columns.....	7 500 00
296.	Research Corporation, New York, New York: to the Department of Chemistry and Chemical Engineering.....	9 999 18
	A study of metal halide addition compounds.....	\$ 650 00
	A study of planar triphenylmethyl radicals and carbonium ions	2 500 00
	Support of research on synthesis of electronically unstable organic structures protected by large substituents: cyclopropanone and cyclopentadienone.....	3 000 00
	A study of photochemical reactions in biological systems	3 849 18
297.	The Rockefeller Foundation, New York, New York.....	60 339 24
	To the Department of Entomology for research.....	\$24 088 54
	To the Department of Chemistry and Chemical Engineering for research in the division of biochemistry....	10 000 00
	To the Department of Agronomy for research on maize polyploids.....	8 971 89
	To the Department of Dairy Science for research.....	17 278 81
298.	Rohm and Haas Company, Philadelphia, Pennsylvania.....	5 600 00
	To the Department of Plant Pathology for studies on	

	fungicides for fruit diseases.....	\$ 600 00
	To the Department of Chemistry and Chemical Engineering for research.....	5 000 00
299.	Royal McBee Corporation: to the College of Education for a study of elementary typing.....	6 922 20
300.	Shell Chemical Corporation: to the State Natural History Survey for research on insecticides.....	2 500 00
301.	Alfred P. Sloan Foundation, Inc., New York, New York: To the Department of Chemistry and Chemical Engineering for research.....	105 700 00
	To the Department of Physics for research.....	\$48 000 00
302.	Smith, Kline, and French Laboratories, Philadelphia, Pennsylvania: to the Department of Veterinary Research for a study of nematocidal compounds	57 700 00
303.	Socony Mobil Oil Company, Inc., Paulsboro, New Jersey: to the Department of Chemistry and Chemical Engineering for research on metal coordination complexes.....	6 000 00
304.	Soft Phosphate Research Institute, Ocala, Florida: to the Department of Animal Science for a study of phosphate in swine nutrition.....	4 000 00
305.	Southern Illinois Breeding Association: to the Department of Dairy Science for research in artificial breeding.....	1 000 00
306.	Stauffer Chemical Company, Mountain View, California: to the Department of Agronomy for studies on herbicides.....	1 835 30
307.	Stevenson, Jordan, and Harrison, Inc., New York, New York: to the Department of Mechanical Engineering for an investigation in the development of standard time.....	800 00
308.	Tee Pak Foundation: to the Department of Food Technology for research on meat deterioration.....	3 400 00
309.	Texaco, Inc., a Delaware corporation.....	3 500 00
	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.....	4 500 00
	To the Department of Agronomy for a study of the toxicity to corn of corrosion inhibitors in nitrogen solutions.....	\$ 3 500 00
310.	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.....	1 000 00
311.	United States Industrial Chemicals Company: to the Department of Agronomy for research in soil chemistry.....	29 619 00
312.	United States Steel Foundation, Inc., New York, New York: to the Department of Agronomy for research on fertilizers.....	3 000 00
313.	The Upjohn Company, Kalamazoo, Michigan.....	4 500 00
	To the Department of Agronomy for studies on new chemicals for the control of crabgrass and other lawn weeds.....	9 000 00
	To the Department of Plant Pathology for studies on new antibiotics	\$ 1 000 00
314.	Various donors: to the Department of Civil Engineering for research.....	8 000 00
	G. and W. H. Carson, Inc.....	10 000 00
	Marblehead Lime Company, Chicago.....	\$ 4 000 00
	Pozzolan Products Company, Inc., Chicago.....	2 500 00
315.	Velsicol Chemical Corporation, Chicago: to the Department of Zoology for research on the toxicology of insecticides.....	3 500 00
316.	VioBin Corporation, Monticello, Illinois.....	2 500 00
	To the Department of Animal Science for studies on the function and the metabolism of octacosonal in animal nutrition.....	11 300 00
	To the Department of Physical Education for Men for research on physical fitness.....	\$ 5 300 00
		6 000 00

317. Hiram Walker and Sons, Inc.: to the Department of Animal Science for research on nutritive properties of dried distillers' solubles in swine nutrition (\$720) and on nutritive value of fermentation products (\$1,000).....	1 720 00
318. Welding Research Council: to the Department of Civil Engineering for research on welding procedure.....	5 000 00
319. Wisconsin-Minnesota Cooperative Bull Stud Group, Shawano, Wisconsin: to the Department of Dairy Science for research.....	10 000 00
<i>Total, Funds for Graduate Fellowships and Research.....</i>	<i>\$1 765 684 36</i>

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 from unrestricted grants from 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.

320. From the following:	
Campbell Soup Company, Camden, New Jersey.....	\$ 3 500 00
The Commonwealth Fund, New York, New York.....	500 00
Carle C. Conway Foundation.....	300 00
Corn Products Refining Company, Chicago.....	1 280 00
Creole Foundation, New York, New York.....	500 00
General Electric Educational and Charitable Fund.....	6 000 00
General Motors Corporation, Detroit, Michigan.....	1 000 00
The Glidden Company, Cleveland, Ohio.....	60 00
The Hunt Foundation, Pittsburgh, Pennsylvania.....	125 00
International Business Machines Corporation, Poughkeepsie, New York.....	2 000 00
International Nickel Company, Inc., New York, New York.....	500 00
Owens-Corning Fiberglas Corporation, Toledo, Ohio.....	750 00
Owens-Illinois Glass Company, Toledo, Ohio.....	450 00
Radio Corporation of America, Princeton, New Jersey.....	100 00
Rockefeller Foundation, New York, New York.....	7 000 00
<i>Total, Educational Grants Fund.....</i>	<i>\$24 065 00</i>

Gifts for Educational and Research Buildings and Facilities

321. Moorman Manufacturing Company, Quincy, Illinois: for buildings, equipment, and other facilities for animal breeding research.....	\$100 000 00
322. Hiram Walker and Sons, Inc., Detroit, Michigan: for the Executive Development building project.....	10 000 00
<i>Total, Gifts for Educational and Research Buildings and Facilities.....</i>	<i>\$110 000 00</i>

Research Contracts with United States Government

323. Air Force.....	\$1 296 249 42
324. Army Ordnance.....	245 550 51
325. Army Quartermaster Corps.....	20 005 09
326. Army Signal Corps.....	1 491 068 68
327. Army Surgeon General.....	83 826 45
328. Atomic Energy Commission.....	1 154 945 04
329. Army Institute.....	1 491 25
330. Bureau of Public Roads.....	20 457 23
331. Department of Agriculture.....	66 534 85
332. Department of Health, Education, and Welfare.....	115 571 68
333. Department of State.....	370 60
334. Engineering Center.....	47 575 00
335. Fifth Army.....	1 209 43
336. International Cooperation Administration.....	446 498 67
337. National Academy of Sciences.....	22 359 18

338. National Advisory Committee for Aeronautics.....	10	955	77
339. National Science Foundation.....	1	337	609 67
340. Naval Training Center.....	31	363	29
341. Navy Bureau of Ships.....	251	074	07
342. Navy Ordnance	7	506	82
343. Office of Naval Research.....	1	169	814 25
344. Office of Vocational Rehabilitation.....	1	700	00
345. Public Health Service.....	1	008	146 06
346. Tennessee Valley Authority.....	2	525	82
<hr/>			
Total, Research Contracts with United States Government.....	\$8	924	408 83

Research and Public Service Contracts with State of Illinois Agencies

347. State Superintendent of Public Instruction.....	\$	23	196 59
348. State Department of Public Welfare.....	110	520	06
349. State Department of Public Works and Buildings, Division of Highways.....	187	650	00
350. State Housing Board.....	7	000	00
351. Department of Registration and Education.....	49	836	13
352. Department of Public Safety.....	50	669	59

Total, Research and Public Service Contracts with State of
Illinois Agencies, Champaign-Urbana.....\$428 872 37

Gifts of Equipment, Library Materials, and Works of Art

353. Mrs. Helen Sousa Abert, New York, New York: to the University of Illinois Bands, an antique ship from the trophy collection of her father, John Philip Sousa.
354. Mr. and Mrs. Phillip A. Bruno, New York, New York: to the College of Fine and Applied Arts, a contemporary French painting "Composition," by Pierre Lagage (estimated value \$600).
355. Carbide and Carbon Chemicals Company, South Charleston, West Virginia: to the Department of Mechanical Engineering, equipment (estimated value \$2,205).
356. Coleman Company, Wichita, Kansas: to the Department of Recreation, eighteen items of camping equipment (estimated value \$140).
357. Mr. and Mrs. Herman E. Cooper, New York, New York: to the College of Fine and Applied Arts, a painting "River Landscape with Fisherman," by Johan Jongkind (estimated value \$3,500).
358. Mrs. Louise Ewing Dexter, Carmel Valley, California: to the College of Fine and Applied Arts, a portrait of Edmund Dexter by Eastman Johnson (estimated value \$3,500).
359. Mr. Irving Dilliard, St. Louis, Missouri: to the University Library, an autographed copy of a Mauldin cartoon.
360. Dr. Lloyd Morey, Urbana, Illinois: to the School of Music, a collection of pipe organ music.
361. Mr. and Mrs. Morrie A. Moss, Memphis, Tennessee: to the College of Fine and Applied Arts, three paintings—"Portrait of Lady Dorothy Godolfin," by Cornelis Janssen van Ceulen; "Portrait of a Cavalier," by Philip de Koninck; and "La Mare aux Fees," by Narcisse Virgile de la Pena Diaz (estimated values \$8,000, \$8,000, and \$3,750).
362. The National Silo Association of Louisville, Kentucky: to the Department of Agricultural Engineering, four farm size upright silos.
363. Sangamo Electric Company, Springfield, Illinois: to the Department of Electrical Engineering, ten watt-hour meters (estimated value \$934).
364. Mr. I. A. Seren, Schiller Park, Illinois: to the Department of Animal Science, a horse.
365. The Texas Company, Lawrenceville, Illinois: to the Department of Chemistry and Chemical Engineering, a low-temperature fractionating apparatus.

366. Union Carbide Chemicals Company, South Charleston, West Virginia: to the Department of Mechanical Engineering, equipment (estimated value \$515).
367. Motorola, Inc., Chicago: to the Department of Mechanical Engineering, a color Motorola television set (estimated value \$700).
368. The Wagner Casting Company, Decatur, Illinois: to the Department of Mechanical Engineering, a Milwaukee swing head molding machine, No. 193-5A (estimated value \$1,700).
369. Weston Instruments, Chicago: to the Measurement Program in the College of Engineering, Weston instruments (estimated value \$384.60).

Total, Colleges and Schools at Urbana-Champaign.....\$11 745 880 38

Chicago Colleges

Scholarships, Prizes, and Other Financial Aids

- | | |
|---|-----------|
| 370. American Foundation for Pharmaceutical Education: scholarships in pharmacy | \$ 400 00 |
| 371. Miss Bertha Berkelhamer: for the annual Doctor Ralph C. Berkelhamer Scholarship | 100 00 |
| 372. The Ford Hopkins Drug Company: scholarship in pharmacy..... | 400 00 |
| 373. Foundry Educational Foundation, Cleveland, Ohio: scholarships in engineering (Chicago Undergraduate Division)..... | 575 00 |
| 374. Galler Drug Company: scholarships in pharmacy..... | 800 00 |
| 375. Illinois Rexall Club of Riverside, Illinois: two scholarships in pharmacy..... | 400 00 |
| 376. Dr. Lester D. Kaplin, an alumnus of the College of Dentistry: prizes to students in the graduating class excelling in dentistry.... | 50 00 |
| 377. Dr. Felix P. Mooney, Bristol, Pennsylvania: scholarship in medicine, academic year 1958-59..... | 500 00 |
| 378. Sargent's Drug Store: scholarship in pharmacy..... | 400 00 |
| 379. The Stineway Drug Company: scholarship in pharmacy..... | 400 00 |
| 380. Various donors: to the Michael Henry Streicher Memorial Fund to establish a scholarship in the College of Medicine (the late Dr. Streicher was a member of the faculty of the College of Medicine) | 12 050 00 |
| 381. Estate of Rachele S. Yarros: for the Rachele S. Yarros Scholarship in medicine..... | 6 468 00 |
| 382. American Medical Educational Foundation: an unrestricted grant to the College of Medicine..... | 9 392 50 |
| 383. Anonymous donors: to the Pediatric Drug Fund for the purpose of paying for medication for nephrotic children..... | 1 792 00 |
| 384. Class of 1944: for student and faculty recreation..... | 150 00 |
| 385. Employees of the Federal Reserve Bank of Chicago: to the Respiratory Center for polio patients recreation and rehabilitation.... | 1 500 00 |
| 386. Foundry Educational Foundation, Cleveland, Ohio: to the Chicago Undergraduate Division for foundry education..... | 250 00 |
| 387. Mrs. Raelene Goldstein: to the Center for Handicapped Children for assistance for children suffering from cerebral palsy..... | 1 500 00 |
| 388. Kellogg Foundation, Battle Creek, Michigan: to assist in the development of a teacher-education program in dentistry..... | 36 800 00 |
| 389. Dr. Abraham F. Lash, Clinical Professor of Obstetrics and Gynecology: to the Library Gift Fund in memory of Dr. Channing W. Barrett, a former member of the College of Medicine faculty..... | 90 00 |
| 390. Florence Manaster Multiple Sclerosis Foundation: for the development of an instructional program in public health..... | 2 000 00 |
| 391. National Fund for Medical Education, Inc.: for an educational program in medicine..... | 55 620 00 |
| 392. Friends of the late Dr. Alfred A. Schiller: for the Alfred A. Schiller Memorial Lectureship Fund. (Dr. Schiller was Assistant Professor of Physiology in the College of Medicine until his death on April 21, 1955. Income from this fund will be used to bring to the College of Medicine young men to speak to staff and students. | |

The fund is under the Dean of the College of Medicine; a faculty committee will select the lecturers.).....		3 037 68
393. Various donors: for the Occupational Therapy Gift Fund.....		305 00
American Federation of State, County, and Municipal Employees Local 1220 for a phonograph for children patients.....	\$ 85 00	
Mrs. Edmund Foley.....	100 00	
A group of little girls called the "Leprechauns".....	10 00	
Women's Auxiliary	110 00	
394. Various donors: for the Orthopaedic Gift Fund.....		1 610 00
Beverly Hills Junior Woman's Club for the special needs of children in the Department of Orthopaedics.....	\$ 75 00	
Kappa Alpha Theta, for Christmas gifts, children's birthday gifts, and patients' incidental expenses.....	450 00	
Women of the Rotary Club of Chicago.....	1 085 00	
395. Various donors: for the College of Medicine Otolaryngologic Fund for educational expenditures.....		16 455 00
Dr. and Mrs. A. H. Andrews.....	\$ 10 00	
Dr. Edward L. Chainski.....	50 00	
Dr. W. W. Dalitsch.....	50 00	
Dr. Robert Henner.....	25 00	
Mrs. Paul Holinger.....	100 00	
Mrs. Anne P. Lederer.....	1 000 00	
Dr. Francis Lederer.....	9 800 00	
Mr. Nathan Manilow, President of the Nathan Manilow Foundation, Chicago	5 000 00	
Forty-one members of the faculty of the College of Medicine.....	410 00	
Dr. Leo Satz.....	10 00	
Total, Chicago Colleges.....		\$153 045 18

Funds for Fellowships and Research

396. Abbott Laboratories, North Chicago: summer session fellowship..	\$ 600 00	
397. Allergy Foundation of America: fellowship fund.....	500 00	
398. American Cancer Society: fellowship in pharmacology.....	500 00	
399. Samuel Higby Camp Foundation: fellowship in orthopaedic surgery.....		1 500 00
400. Lederle Laboratories, Pearl River, New York: two summer session fellowships		1 200 00
401. Tobacco Industry Research Committee: fellowship in microbiology		500 00
402. Wallace Laboratories, Inc., New Brunswick, New Jersey: two summer session fellowships.....		1 200 00
403. Abbott Laboratories, North Chicago.....		11 500 00
To the Department of Medicine for an investigation of hypotensive drugs	\$ 500 00	
To the Department of Pharmacology for employment of research assistants	1 500 00	
To the Department of Preventive Medicine for studies on prevention and treatment of infections.....	5 000 00	
To the Department of Clinical Science for research in hormonal control of gastric secretion.....	1 000 00	
To the Department of Surgery (Anesthesiology) for blood volume studies in surgery.....	3 500 00	
404. American Cancer Society, Inc., New York.....		82 437 78
To the Institutional Grants Committee for the purpose of developing experimental programs in the field of cancer.....	\$25 140 00	
To the Department of Pharmacology for studies on the metabolism of plasma proteins in tumor-bearing rats....	16 715 00	
To the Department of Surgery for the screening of various cancer chemotherapeutic agents by tissue culture to find an effective agent(s) against the patient's own tumor.....	8 500 00	

	To the Department of Surgery for research on the effect of ablation or inhibition of adrenal glands, hypophysis, and the hypothalamus upon the decreased resistance to experimental tumors	9 253 00
	To the Department of Surgery for a survey of spontaneous regression of cancer.....	4 020 00
	To the Department of Biological Chemistry for studies on the specificity of glycolytic pathway enzymes.....	9 549 78
	To the Department of Pathology for a study of reversibility in experimentally induced carcinoma.....	6 616 00
	To the Department of Obstetrics and Gynecology to support research in simplification of diagnostic curettage	2 644 00
405.	American Cyanamid Company, Lederle Laboratories Division: to the Department of Medicine for investigative work in infectious diseases.....	10 000 00
406.	American Medical Association.....	750 00
	To the Department of Medicine for an assay of luteinizing hormone in humans.....	500 00
	To the Department of Surgery for research in relation of biopsy to pulmonary metastases.....	250 00
407.	Anonymous donor: to the Department of Otolaryngology for research in audiology.....	10 00
408.	Arthritis and Rheumatism Foundation.....	13 587 00
	To the Department of Medicine for a study of renal lesions through serial kidney biopsies.....	\$ 1 000 00
	To the Department of Medicine for research on purine metabolism.....	3 587 00
	To the Department of Medicine for research in serial kidney biopsies in rheumatic disorders and related conditions.....	9 000 00
409.	Asthmatic Children's Aid.....	8 100 00
	To the Department of Medicine for studies in bronchial asthma and pulmonary emphysema.....	\$ 7 500 00
	Summer student research assistantship.....	600 00
410.	Mr. Walter Barker, Santa Fe, New Mexico: to the Department of Neurology and Neurological Surgery for research.....	1 000 00
411.	Baxter Laboratories, Inc., Chicago: to the Department of Microbiology for an evaluation of potential chemotherapeutic agents....	1 010 00
412.	Bristol Laboratories, Inc.: to the Department of Pediatrics for a study of the effect of Kanamycin on urinary tract infections in children.....	1 700 00
413.	Burroughs-Wellcome and Company: to the Department of Preventive Medicine for the evaluation of a new therapeutic agent in migraine headache	4 000 00
414.	Chicago Heart Association.....	10 000 00
	To the Department of Preventive Medicine for research in personality behavior and vasopressor mechanisms....	4 500 00
	To the Department of Surgery for a study of vascular grafts.....	5 500 00
415.	University of Chicago: to the Department of Medical Social Service of the College of Medicine.....	8 483 82
416.	Jane Coffin Childs Fund of Yale University: to the Department of Pharmacology for research on interconversion of intermediates of carbohydrate metabolism and amino acids in tumors and other tissues.....	10 000 00
417.	Columbia-Geneva Steel, a division of the United States Steel Corporation: to the Department of Pedodontics for a study of tooth development	11 150 00
418.	John N. Crouse Dental Endowment Fund: to the College of Dentistry for longitudinal studies of the dental health status of young adult males (dental students).....	1 700 00

419.	Dome Chemicals, Inc., New York: to the Department of Dermatology for research.....	500 00
420.	Downers Grove United Fund: to the Department of Orthopaedics for research in muscle dystrophy and atrophies in the handicapped child.....	700 00
421.	Dr. H. L. Drunasky: to the Department of Surgery Cardiovascular Gift Fund, for research in vascular surgery.....	500 00
422.	Duke Laboratories, Inc., South Norwalk, Connecticut: to the Department of Dermatology for research.....	900 00
423.	Easter Seal Research Foundation, National Society for Crippled Children and Adults, Inc.: to the Department of Pedodontics for studies on tooth ring analysis of handicapped children.....	4 140 00
424.	Dr. Ward Eastman, Peoria, Illinois: to the Department of Surgery for the Ward Eastman and James Hurlbut Gift Fund, for research	100 00
425.	Eaton Laboratories, Norwich, New York.....	3 000 00
	To the Department of Medicine for toxicity and efficacy studies on NF-260.....	2 500 00
	To the Department of Medicine for a study of antibacterial therapy of infectious diseases.....	500 00
426.	Eureka United Fund Appeal: to the Department of Medicine for cardiovascular disease research.....	1 033 35
427.	Evanston Drama Club: to the Department of Orthopaedic Surgery for research	500 00
428.	Geigy Pharmaceuticals, Ardsley, New York: to the Department of Pharmacology for a study on the action of autonomic drugs on the central nervous system.....	15 000 00
429.	Mrs. Gerald G. Grant, Glencoe, Illinois: to the Lida Hough Watts Memorial Fund for research in hematology.....	20 00
430.	Illinois Federation of Women's Clubs: to the Department of Surgery for cancer research.....	1 112 28
431.	Illinois Heart Association: to the Department of Medicine for a study on hepatic and myocardial factors in the production of digitalis toxicity	3 000 00
432.	Imperial Chemical Industries Limited, Cheshire, England: to the College of Medicine for research in Neurology-Neurological Surgery-Epilepsy.....	2 520 00
433.	Dr. Brownell R. Jamison, an alumnus of the College of Dentistry: to the Department of Orthodontics for research.....	100 00
434.	Johnson and Johnson, New Brunswick, New Jersey: to the Department of Surgery for study of the experimental use of pre-digested bovine arteries as vascular grafts.....	6 000 00
435.	Dr. Lawrence G. Khedroo, College of Medicine: to the Department of Anatomy for research.....	750 00
436.	Miss Grace Kunkel: to the Department of Surgery for the Ruth Kunkel Memorial Fund for cancer research.....	300 00
437.	Lakeland Foundation, Chicago: to the Department of Clinical Science for a study to attempt to isolate the growth stimulating and inhibiting agents from the liver or intestinal mucosa.....	13 200 00
438.	Leukemia Research Foundation, Inc.: to the Department of Biological Chemistry for research on phosphonic acid analogs of nucleoside phosphates	6 625 00
439.	Dr. Charles Lightfoot, Department of Otolaryngology: for research in audiology.....	261 25
440.	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.....	8 250 00
441.	Mr. Allen M. Loeb, Chicago: to the College of Medicine for cardiovascular research	2 000 00
442.	Mead Johnson and Company, Evansville, Indiana: to the Department of Pediatrics for a study of aminoaciduria in childhood.....	2 875 00

443. Merck, Sharp, and Dohme Research Laboratories: to the Department of Surgery (Anesthesiology) for an analgesia study.....	3 000 00
444. National Association for Mental Health, Inc.: to the Department of Psychiatry for research on schizophrenia.....	4 525 00
445. National Foundation for Infantile Paralysis, New York.....	56 809 17
For the operation of the Poliomyelitis Respiratory and Rehabilitation Center	\$42 602 17
To the Department of Preventive Medicine for a urinary mucoprotein study.....	14 207 00
446. National Multiple Sclerosis Society: to the Department of Neurology and Neurological Surgery for a study of the role of pyrimidine nucleosides and related substances in lipid and proteo-lipid metabolism of glia cells and neurons in the living brain at rest and during activity.....	11 500 00
447. Nephrosis Foundation, Chicago: to the Department of Pediatrics for research on electrophoretic patterns in nephrotic syndrome....	4 164 00
448. Mr. George S. Oberne: for the Alva M. Oberne Cancer Research Fund.....	375 00
449. Mrs. Irene Panko, Ottawa, Illinois: for the Mary Lloyd Somatoprosthesis Fund	20 00
450. Charles Pfizer and Company, Brooklyn, New York: to the Department of Biological Chemistry for research on metabolism of glucosamine.....	5 863 00
451. Roanoke (Illinois) Area United Fund.....	1 550 00
To the Department of Medicine for studies of cardiac contractility in heart disease.....	\$ 350 00
To the Department of Surgery for cancer research.....	1 200 00
452. Sandoz Pharmaceuticals, Hanover, New Jersey.....	11 500 00
To the Department of Preventive Medicine for research on clinical evaluation with atropine-like drugs.....	\$10 000 00
To the Department of Pharmacology for research.....	1 500 00
453. Schweppe Foundation, Chicago: to the Department of Surgery for an investigation of the characteristics of human cells recovered from the blood stream when grown in tissue culture.....	5 000 00
454. G. D. Searle and Company, Chicago.....	12 050 14
To the Department of Medicine for a study of anti-asthmatic drugs	\$ 3 800 00
To the Department of Medicine for a study of the metabolic effects of mineralocorticoid antagonists.....	8 250 14
455. Smith, Kline, and French Laboratories, Philadelphia, Pennsylvania: to the Department of Surgery (Anesthesiology) for basic research problems	1 000 00
456. E. R. Squibb and Company: to the Department of Medicine for a clinical evaluation of Flumethazide.....	500 00
457. Teagle Foundation, Inc., New York, New York: to the Department of Psychiatry for research on paralysis agitans.....	8 000 00
458. Tuberculosis Institute of Chicago and Cook County: to the Department of Medicine to study the progression of chronic pulmonary fibrosis, emphysema, and bronchiectasis by means of pulmonary function tests.....	6 382 00
459. United Cerebral Palsy Research and Educational Foundation, Inc..	5 000 00
To the College of Dentistry for tooth ring analysis in children with cerebral palsy.....	\$ 2 500 00
To the Department of Pedodontics for a study of dental treatment of children with cerebral palsy as part of the graduate teaching and research program in pedodontics..	2 500 00
460. The Upjohn Company, Kalamazoo, Michigan: to the Department of Surgery for a study of steroids.....	6 250 00
461. Various donors: to the College of Medicine for research.....	1 687 19
Anonymous donors	\$ 70 00
Community Chest of DeKalb, Illinois.....	1 617 19
462. Various donors: to the Department of Pediatrics for research...	388 00

463.	Various donors: to the Department of Surgery for cancer research	505 00
	Anonymous donors	\$ 80 00
	Mr. Edward Atlas, Chicago.....	50 00
	Friends and relatives of Mr. Wallace Furnas.....	110 00
	Friends and relatives of Mrs. Pearl R. Kennett.....	60 00
	Friends and relatives of Mrs. Mamie Masa.....	105 00
	Mrs. Carl A. Sorling, Springfield, Illinois.....	100 00
464.	Various donors: to the Department of Surgery for vascular research.....	11 959 67
465.	Various donors: to the Department of Surgery's Miscellaneous Donors Fund for research.....	2 325 00
	Dr. Harry Brandman.....	\$ 25 00
	Dr. Warren H. Cole, Department of Surgery.....	680 00
	Dr. George Crile, Cleveland, Ohio.....	20 00
	Mrs. Florence B. Duffey, Glen Ellyn, Illinois.....	150 00
	Dr. O. C. Julian, Department of Surgery.....	900 00
	Dr. G. O. McDonald, Department of Surgery.....	50 00
	Dr. William Requarth, Decatur, Illinois.....	500 00
466.	Various donors: to the Department of Clinical Science for research.....	51 50
467.	Various donors: to the Division of Services for Crippled Children	56 305 55
468.	Warner-Lambert Research Institute of New Jersey: to the Department of Medicine for an investigation of the drug Colimycin.....	2 500 00
469.	Mrs. Howard L. Willett, Chicago: to the Department of Medicine for research on arthritis.....	1 000 00
470.	Wilmette United Fund.....	4 000 00
	To the Department of Surgery for cancer research.....	\$ 2 000 00
	To the Respiratory Center for research and rehabilitation programs	2 000 00
471.	Winthrop-Stearns, Inc., New York, New York: to the Department of Surgery (Anesthesiology) for research in cardiovascular and respiratory functions during anesthesia.....	450 00
472.	Wyeth Laboratories: to the Department of Surgery (Anesthesiology) for basic research problems.....	3 500 00
	<i>Total, Funds for Fellowships and Research.....</i>	<i>\$482 975 70</i>

Research Contracts with United States Government

473.	Air Force	\$ 2 437 23
474.	Army Chemical Corps.....	7 403 45
475.	Army Surgeon General.....	75 360 95
476.	Atomic Energy Commission.....	44 937 00
477.	National Science Foundation.....	30 302 35
478.	Office of Naval Research.....	27 191 15
479.	Office of Vocational Rehabilitation.....	6 230 00
480.	Public Health Service.....	1 515 676 56

Total, Research Contracts with United States Government. \$1 709 598 69

Research and Public Service Contracts with State of Illinois Agencies

481.	State Department of Public Health.....	\$124 517 36
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Gifts of Equipment, Library Materials, and Works of Art

482.	Chicago Doll Collector's Club: to the Department of Occupational Therapy, four bedside radios.
483.	Employees of the Chicago Business Office: to the Department of Orthopaedics, an electric portable phonograph.
484.	Kenilworth Girls Club: to the Pediatrics Ward, two strollers.
485.	Doctor Robert B. Lewy: to the Department of Otolaryngology for a self-retaining laryngoscope holder.
486.	WLS-Prairie Farmer Station: to the Research and Educational Hospitals, a Colson wheelchair (valued at \$100.00) and an emergency oxygen unit (valued at \$58.10).

487. Women's Auxiliary of the Will County Pharmaceutical Association: for the women students' lounge in the College of Pharmacy, a four-drawer letter file (valued at \$80).

Total, Chicago Colleges.....\$2 470 136 93

Gifts to the University of Illinois Foundation

488. Illini Achievement Fund.....	\$148 942 49
489. Other Gifts for Current Purposes.....	39 821 34
490. Endowment Funds	60 096 96
491. Gifts for Plant Purposes.....	55 555 57

Total, Gifts to the University of Illinois Foundation.....\$304 416 36

Summary

Funds from Private Donors

Total for Urbana-Champaign.....	\$ 2 392 599 18
Total for Chicago Colleges.....	636 020 88
<i>Total.....</i>	<i>\$ 3 028 620 06</i>

Funds from Contracts with the United States Government

Total for Urbana-Champaign.....	\$ 8 924 408 83
Total for Chicago Colleges.....	1 709 598 69
<i>Total.....</i>	<i>\$10 634 007 52</i>

Funds from Contracts with State of Illinois Agencies

Total for Urbana-Champaign.....	\$ 428 872 37
Total for Chicago Colleges.....	124 517 36
<i>Total.....</i>	<i>\$ 553 389 73</i>

Gifts to the University of Illinois Foundation.....\$ 304 416 36

*Grand Total**\$14 520 433 67*

This report was received for record.

INSTITUTE OF LABOR AND INDUSTRIAL RELATIONS ADVISORY COMMITTEE

(16) 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 as of September 1, 1959, to fill vacancies.

Management

RAY C. DICKERSON, President, Felmley-Dickerson Company, Urbana, Illinois
Labor relations in the construction industry are old and well established. However, recent legislation will require modifications in established practices. The Institute will be called upon to do more work in this field, and a representative of the construction industry should be on the Advisory Committee. Mr. Dickerson is experienced in the industry in general and in the labor relations of that industry.

L. W. HESSE, Director of Industrial Relations, Keystone Steel and Wire Company, Peoria, Illinois
Mr. Hesse has had broad experience in management functions. He is now in charge of all industrial relations functions in his Company. He would bring experience in breadth and depth to the Committee.

Labor

THOMAS W. BURKE, International Vice-President, Building Service Employees International Union, Chicago, Illinois
Mr. Burke is an international officer of the Building Service Employees International Union. His office is in Chicago. He knows well and supports the extension work of the Institute.

HARRY T. VIREN, Sub-District Director of District 32, United Steelworkers of America, 1228 West Fifth Street, Sterling, Illinois
Mr. Viren is Sub-District Director of District 32, United Steelworkers of America. The Institute carries on many classes and conferences with the Steelworkers union. Mr. Viren knows this work well and is interested in it.

Public

BENJAMIN C. WILLIS, Superintendent of Chicago Public Schools, Chicago, Illinois
Mr. Willis has been Superintendent of the Chicago schools system since 1953. Before that he served as Superintendent of the Buffalo, New York, schools and in the Maryland school system. He has indicated interest in industrial relations both as a subject matter for study in the schools and as an administrative matter of major importance.

RUSSELL W. BALLARD, Director, Hull House, Chicago, Illinois
Mr. Ballard has been Director of Hull House since 1943. Before that he served as Superintendent of Illinois Training Schools for Boys at St. Charles, Illinois, and as Director of the Lake County, Indiana Welfare Department. While he is not directly involved in industrial relations work, his broad experience in social work provides an excellent resource to be drawn upon for any consideration of the increasing extension of industrial relations into the field of community affairs.

CHARLES ALSIP, Director, Region Five, Federal Mediation and Conciliation Service, Chicago, Illinois

Mr. Alsip has been on the staff of the Federal Mediation and Conciliation Service for eighteen years. For the past five years he has served as Director of Region Five which involves Illinois, Indiana, Wisconsin, Minnesota, Upper Michigan, North Dakota, and South Dakota. He is an experienced government practitioner in the difficult sphere of industrial disputes. He can give valuable advice and counsel to the Institute in both the industrial dispute and public policy areas of our work.

I concur.

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

REMODELING OF PROPERTY AT 1201 WEST STOUGHTON STREET

(17) The Director of the Engineering Experiment Station, the Director of the Physical Plant, and the Vice-President and Comptroller recommend that the property at 1201 West Stoughton Street be improved to provide temporary space for the Department of Mining and Metallurgical Engineering. The remodeling costs, representing deferred maintenance costs, will not exceed \$8,000 and can be provided from indirect costs received under contracts for research for which the building will be used.

I concur and recommend that this assignment from indirect costs be approved.

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

REPORT OF COMMITTEE ON GENERAL POLICY ON SITE SELECTION FOR THE CHICAGO UNDERGRADUATE DIVISION

Mr. Johnston, for the Committee on General Policy, presented the following report:

Since the receipt of the report by Real Estate Research Corporation in October, 1958, the University of Illinois and its Trustees have done everything within their power to arrive at a firm decision on site selection for the Chicago Undergraduate Division.

In every action, the guiding factors have been (1) to proceed primarily on the basis of the needs of commuting students in the Chicago area for the services of the State University, and (2) to meet a time schedule for increased enrollments, as projected by experts in the field and to relieve an unsatisfactory situation at Navy Pier.

The Real Estate Research Corporation report submitted to the Board of Trustees at its meeting on October 23, 1958, stated that subject to availability and cost, four sites were acceptable. Only one of the four sites—that at Riverside—could be acquired without the cooperation of other agencies. The University and the Trustees accepted this report.

Based on Mayor Richard J. Daley's statement on February 23, 1959, that the

city of Chicago would be willing to defray any extraordinary costs which would arise out of selection of a site within the city of Chicago, the University has worked in full cooperation with the City to proceed with its planning.

Subsequently, the Trustees were advised that Northerly Island, one of the four, could not be made available.

While on other occasions the University and the Trustees have acted favorably toward both the Riverside and Garfield Park locations, the Board has always expressed a willingness to consider the Rail Terminal site, should it meet time, availability, and cost requirements.

However, since no negotiable proposals from either the Rail Terminal Authority or the city of Chicago have been received in regard to the Rail Terminal site, its availability to meet the University's time schedule, or as to its cost, the University has proceeded with its planning for use of the Garfield Park site.

Based on the information which is presently available, the Garfield Park site appears to be the only site on which construction can be completed by the fall of 1963 for occupancy of a new campus and the transfer of the program now being offered at Navy Pier. Even on this site prompt action will be required by the city of Chicago and the Chicago Park District if this time schedule is to be realized.

When the University and the Trustees receive specific information from the city of Chicago or the Rail Terminal Authority concerning the availability and the cost of the Rail Terminal site, such information will be given careful and prompt consideration.

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

REPRESENTATIVES OF MIDWEST COMMUNITY COUNCIL OF CHICAGO

Mr. F. Adrian Robson, Executive Director of the Midwest Community Council, and two other Council representatives, the Reverend Shelvin J. Hall, President of the Council and Pastor of the Friendship Baptist Church, and the Reverend J. Burton Mark, Assistant to the President of Northern Baptist Theological Seminary, Chicago, appeared before the Board and spoke briefly in support of the selection of Garfield Park as a site for the relocation of the Chicago Undergraduate Division.

A TELEGRAM SENT TO GOVERNOR WILLIAM G. STRATTON

A telegram sent to Governor William G. Stratton by Mr. Edward J. Rosewell, representing thirty-nine organizations in Chicago and supporting the Governor's endorsement of Garfield Park site, was read and a copy was filed with the Secretary of the Board.

RECOMMENDATION OF COMMISSION TO VISIT AND EXAMINE STATE INSTITUTIONS

(18) The Subcommittee on Educational Institutions of the Legislative Commission to Visit and Examine State Institutions has made its annual visits to the University at Urbana-Champaign on November 2, and at the Chicago Professional Colleges and the Chicago Undergraduate Division on December 8 and 9, 1959.

Following its visit to the Chicago Undergraduate Division, the Commission adopted the following recommendation which is submitted for record.

Due to the conditions at Navy Pier, we strongly recommend that the Mayor of Chicago, the Chicago Park District, and the Board of Trustees of the University of Illinois take immediate action in the final decision of a site for the Chicago Undergraduate Division of the University of Illinois.

The Committee, on our visit to Navy Pier, feel that a state of acute emergency exists and that definite action must be forthcoming now. On the Committee visit they found that the physical buildings are not water proof and are entirely inadequate. As many as twenty-five professors are compelled to share offices in small rooms with no separating partitions.

It was pointed out to the Committee that the time element is of great importance and because of the anticipated increase in enrollment, a building site must

be selected immediately. We also found that the outstanding faculty is still maintaining a high morale, even though working under adverse conditions. In visiting with the students again the impact of the seriousness of a new site was pointed out to the Committee.

Even if a prompt decision is made on site selection, the earliest possible date that permanent facilities can be ready for the Chicago Undergraduate Division is the fall of 1963. This will result in the occupancy of seventeen years by the Chicago Undergraduate Division in temporary facilities.

This 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) 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.)

- ADES, HARLOW W., Consultant in Electrical Engineering (C), one year from September 1, 1959, \$3000 (11-11-59).
- BERRY, CARL D., JR., Clinical Instructor in Urology, Department of Surgery (Medicine), ten months from November 1, 1959, without salary (11-24-59).
- BISWAS, DEBAJIT K., Postdoctorate Research Assistant in Animal Science (S), November 5, 1959-August 31, 1960, \$5200 a year, supersedes (11-20-59).
- BITZER, DONALD L., Research Associate in the Coordinated Science Laboratory (C), one year from September 1, 1959, \$11,000, supersedes (11-30-59).
- BRANDLY, JUDITH M., Research Assistant in Chemistry, September 16, 1959-August 31, 1960, \$4400 a year (11-11-59).
- CARTER, FRANK C., Clinical Instructor in Medicine (Medicine), eleven months from October 1, 1959, without salary (11-20-59).
- CULBERTSON, TOWNLEY P., Research Associate in Chemistry, September 1, 1959-February 15, 1960, \$447.50 a month (11-20-59).
- DHARMARAJAN, SANGIAH, Research Associate in Theoretical and Applied Mechanics (C), $\frac{3}{4}$ time, to render service during the academic year, December 4, 1959-August 31, 1960, \$3750 a year, supersedes (11-20-59).
- EDMONDSON, JOHN L., Clinical Instructor in Surgery (Medicine), $\frac{1}{2}$ time, November 5, 1959-August 31, 1960, \$1200 a year (11-20-59).
- EVANS, FRANK F., Clinical Instructor in Psychiatry (Medicine), eleven months from October 1, 1959, without salary (11-20-59).
- FROSIO, EUGENE T., Cataloger in the Library, with rank of Instructor, February 16-August 31, 1960, \$516.66 a month (11-24-59).
- GLASKY, ALVIN J., Instructor in Biological Chemistry (Medicine), ten months from November 1, 1959, without salary (11-20-59).
- GOLDSMITH, HENRY J., Research Associate in Medicine (Medicine), $\frac{1}{2}$ time, eleven months from October 1, 1959, \$3000 a year, supersedes (11-24-59).
- HARTOCH, ARNOLD J., Associate Professor of Foreign Languages on 63/100 time, indefinite tenure, to render service during each academic year, and Director of Publications on 37/100 time (on Y basis), two years (Chicago Undergraduate Division), from September 1, 1959, \$8850 a year, supersedes (11-20-59).
- HINDS, FRANK C., Research Associate in the Dixon Springs Experiment Station (S and E), nine months from December 1, 1959, \$6850 a year (11-20-59).
- HOUSER, THOMAS S., Instructor in Radiology (Medicine), November 15, 1959-August 31, 1960, \$7500 a year (11-20-59).
- HUTCHINSON, JAMES G., Research Assistant in Sociology, ten months from November 1, 1959, \$6900 a year, supersedes (11-24-59).
- JACKSON, DAVID M., Associate Professor of Education on indefinite tenure, and Principal of University High School on 54/100 time, September 18, 1959-June 30, 1960, \$8920; and Associate Professor of Education on indefinite tenure, and Principal of University High School on full time, July 1, 1960-August 31, 1961, annual salary of \$11,150, supersedes (11-27-59).

- KELLING, MARY A., Research Assistant in the Digital Computer Laboratory, February 8-June 15, 1960, \$422.22 a month (11-24-59).
- KIEN, GERALD A., Instructor in Pharmacology (Medicine), six months from January 1, 1960, \$600 a month (11-24-59).
- KLAIN, GEORGE, Assistant in Animal Science (S), two months from November 1, 1959, \$366.67 a month (11-30-59).
- LEWIS, JOHN M., Acting Superintendent of Dixon Springs Experiment Station and Assistant Professor of Agricultural Research (S), November 1, 1959-August 31, 1961, \$9500 a year; for the convenience of the University he will also be furnished housing, supersedes (11-20-59).
- MACKIE, JOHN, Research Assistant in Anatomy (Medicine), October 12, 1959-August 31, 1960, \$4400 a year (11-20-59).
- MCCRADY, RICHARD E., Research Assistant in the State Water Survey, seven months from December 1, 1959, \$500 a month (11-6-59).
- MILLER, ALLEN H., Research Associate in Physics (C), December 1, 1959-August 31, 1960, annual salary \$6500, supersedes (12-1-59).
- MILLER, JOHN F., Instructor in Architecture and Art (Chicago Undergraduate Division), $\frac{2}{3}$ time, September 1, 1959-February 29, 1960, to render service during the first semester of the academic year, \$250 a month (11-20-59).
- MINOMURA, SHIGERU, Research Associate in Chemical Engineering (S), one year from December 1, 1959, \$6000 (11-6-59).
- MORRIS, TREVOR R., Research Associate in Animal Science (Genetics), $\frac{1}{4}$ time, one year from October 15, 1959, \$1400; this is in addition to his Postdoctoral Fellowship in Animal Science (11-17-59).
- O'LEARY, RICHARD E., Assistant Dean of Men, November 16, 1959-August 31, 1960, \$5500 a year (11-19-59).
- PAGE, DAVID A., Associate Professor of Education (University High School) (College of Education and Graduate College), indefinite tenure from January 1, 1960, \$12,000 a year, supersedes (11-24-59).
- PEREZ, JUSTO J., Assistant in the Division of Anesthesiology, Department of Surgery (Medicine), eight months from November 1, 1959, without salary (11-6-59).
- RHEAD, CLIFTON C., Psychiatric Consultant to Health Service (Chicago Professional Colleges), $\frac{1}{5}$ time, November 10, 1959-August 31, 1960, \$3000 a year; this is in addition to his nonsalaried appointment in the Department of Psychiatry (Medicine) (11-24-59).
- ROBBINS, EUGENE F., Research Assistant in the Aeromedical and Physical Environment Laboratory (Chicago Professional Colleges), ten months from November 1, 1959, \$5000 a year (11-20-59).
- SAPORTA, JACK, Instructor in Psychology, Department of Psychiatry (Medicine), ten months from November 1, 1959, \$6000 a year, supersedes (11-20-59).
- SCHWEIKER, JERRY W., 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, 1960, \$2850 a year, supersedes (11-20-59).
- SPAETH, RALPH, Clinical Professor of Pediatrics (Medicine), 35/100 time, indefinite tenure from September 1, 1959, \$3000 a year, supersedes (11-27-59).
- SQUIRE, JAMES R., Assistant Professor of English (College of Liberal Arts and Sciences) 33/100 time, and Counselor on University Council on Teacher Education (College of Education) 17/100 time, two years from September 1, 1959, to render service during each academic year, \$3450 a year, supersedes (11-6-59).
- SWARTS, CHARLES L., Clinical Instructor in Pediatrics (Medicine), $\frac{1}{3}$ time, ten months from November 1, 1959, \$1833 a year (11-24-59).
- TEETERS, WINNIE R., Research Assistant in the Institution for Tuberculosis Research, November 2, 1959-August 31, 1960, \$5400 a year (11-20-59).
- TERRILL, ROBERT E., Assistant in English (Chicago Undergraduate Division), nine months from September 16, 1959, \$4100, supersedes (11-17-59).
- THABET, SAMIR KHALIL, Research Associate in Chemistry, $\frac{1}{4}$ time, nine months from September 16, 1959, \$1500 (11-11-59).
- 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, annual salary of \$13,200; in addition, allowances and expenses will be paid as provided in the Standardized United States Govern-

ment 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), indefinite tenure beginning November 1, 1961, annual salary of \$12,000; for the convenience of the University he will also be furnished housing, supersedes (11-11-59).

WORKS, ERNEST, Research Associate in Sociology, one year from September 1, 1959, \$7000, supersedes (11-11-59).

GRADUATE FELLOWS

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

BARNETT, RITCHIE G., Illinois Production Credit Association Fellow in Agricultural Economics, February 1-June 15, 1960, \$750 (11-30-59).

BOWERS, KENNETH S., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1959, \$1800 (11-23-59).

CONRAD, H. EDWARD, Postdoctoral Fellow in Chemistry, ten months from September 1, 1959, \$7300 a year (11-2-59).

ROSS, JOHN F., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$5194.75, supersedes (11-25-59).

RESIGNATIONS AND DECLINATIONS

BONTING, SJOERD B., Assistant Professor of Biological Chemistry (Medicine) — resignation effective January 1, 1960.

BURNETT, CAROLYN N., United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges) — resignation effective October 1, 1959.

CHANDRASEKHARAPPA, GOWDARA, Assistant in Physical Medicine and Rehabilitation (Medicine) — resignation effective January 1, 1960.

CONRAD, H. EDWARD, Research Associate in Chemistry — resignation effective September 1, 1959.

GERSON, STANLEY J., United States Public Health Service Fellow (Trainee) in Dentistry (Chicago Professional Colleges) — resignation effective September 1, 1959.

GLUCKMAN, ROBERT, Clinical Assistant Professor of Psychiatry (Medicine) — resignation effective September 1, 1959.

JAMNIK, DARKO, Research Associate in Physics (C) — resignation effective December 1, 1959.

MCNAIR, LOUIS M., Instructor in the Institute of Aviation — resignation effective February 1, 1960.

MOSES, MRS. DOROTHY H., Research Assistant in Anatomy (Medicine) — resignation effective December 1, 1959.

WILLIAMS, RAYMOND A., Research Assistant in the Digital Computer Laboratory — declination effective October 1, 1959.

WISE, CATHERINE R., Clinical Instructor in Psychiatry (Medicine) — resignation effective September 1, 1959.

LEAVES OF ABSENCE

CHAPMAN, CARLETON A., Professor of Geology — leave of absence for quarter-time, without pay, from January 4 through March 19, 1960, so that he may accept an invitation from the University of Chicago to give a series of lectures during that period.

GANTT, MARGARET E., Research Associate in Medicine (Medicine) — leave of absence, without pay, from October 8 through November 7, 1959.

HETREED, FRANCIS W., Clinical Associate in Dermatology (Medicine) — leave of absence, without pay, one year from September 1, 1959.

MACRAE, EDITH K., Assistant Professor of Anatomy (Medicine) — leave of absence, without pay, from March 28 through June 11, 1960.

MORCENTHALER, GEORGE W., Associate Professor of Mathematics and Head of the Division (Chicago Undergraduate Division) — leave of absence, without pay, from March 1, 1960, through February 28, 1961.

ROSE, WALTER D., Professor of Petroleum Engineering, Department of Mining and Metallurgical Engineering (C) — leave of absence, without pay, from November 16, 1959, through January 15, 1960.

WEINMANN, JOSEPH P., Professor of Oral Pathology, Head of the Division, and Lecturer of Postgraduate Studies (Dentistry), and Professor of Pathology (Medicine) — leave of absence on account of illness covering the forty-day period of disability prior to the beginning of the current academic year.

CANCELLATION OF SABBATICAL LEAVE OF ABSENCE

McCLURE, LESLIE, Professor of Advertising — sabbatical leave of absence for the second semester of the academic year 1959-60 cancelled, without prejudice.

JANUARY AND FEBRUARY MEETINGS

The Board had previously voted to hold its January meeting at the Chicago Professional Colleges on Wednesday, January 20, 1960. It was the consensus of the Board that this meeting and the meetings of Board committees begin at 9:00 a.m.

On motion of Mrs. Watkins, the Board voted to hold its February meeting in Urbana, Illinois, on February 24, 1960, beginning at 10:00 a.m.

President Williamson called attention to the provisions in the By-Laws that the Board of Trustees shall hold the annual meeting on the second Tuesday of March, unless the date of the meeting be changed by the Board. The By-Laws of the Board of Trustees provide that "all meetings of the Board shall be held at the University at Urbana unless otherwise ordered by vote of the Board or by the President thereof. The members of the Board shall be notified by mail not later than five days previous to any meeting." President Williamson suggested that since the February meeting will be held so late in the month, the Board may wish to consider changing the date of the annual meeting from March 8, the second Tuesday, to a later date. Action on this was deferred.

EXECUTIVE SESSION

At this point, an executive session was requested, and on motion of Mrs. Watkins was so ordered, for consideration of the following business relating to property acquisitions.

PURCHASE OF PROPERTY AT 605 EAST DANIEL STREET

(19) The University's land acquisition program for the next ten years includes the property of the Cosmopolitan Club at 605 East Daniel Street, Champaign, as well as certain other adjacent properties. This consists of a lot 54 by 173 feet and a three-story and basement fourteen-room frame building which for many years has served as a home for student organizations.

The Cosmopolitan Club has offered to sell this property to the University. While there is a difference between the price asked and the evaluation placed on the property by the University, it can probably be resolved through negotiations. The Committee on Buildings and Grounds has voted to recommend acquisition of the property.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees authorize securing an option for a consideration of \$1,000 for purchase of this property at a price not to exceed \$48,000, the option to run to July 31, 1960, with the provision that the option price will be part of the agreed purchase price if the option is exercised. Securing an option will allow University officials time to continue price negotiations and will prevent further commercial development in the area.

I concur and recommend an assignment of \$1,000 from the General Reserve Fund for the purchase of this option.

On motion of Mr. Swain, this recommendation was approved, and the assignment of funds was made by the following vote: Aye, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Swain, Mrs.

Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Pogue, Mr. Stratton.

ACQUISITION OF LAND FOR THE AIRPORT

(20) The Director of the Institute of Aviation and the Vice-President and Comptroller recommend the acquisition of approximately 128 acres of land north of the west portion of the Airport owned by Agnes S. Troutman, A. Russell Troutman, and Mae Troutman at a price of \$1,050 an acre, the exact acreage to be determined by a survey to be made at the expense of the sellers. The land is described as:

The East Half of the Northeast fractional Quarter; the East Half of the West Half of the Northeast fractional Quarter; and the East 38.8 acres of the West Half of the West Half of the Northeast fractional Quarter, excepting, however, the following described premises: Beginning at a point on the South line of said Northeast fractional Quarter 1286.2 feet West of the Southeast Corner of said Northeast fractional Quarter; thence West along said South line a distance of 1320 feet to the West line of that certain tract of land conveyed by Della Jutkins to A. E. Troutman, dated the 18th day of January, 1934, and recorded the 5th day of March, 1934, in Champaign County, Illinois, in Book 224 of Deeds, page 196; thence Northwesterly along the West line of said tract of land, making an angle of 92 degrees 37 minutes with the South line of said Northeast fractional Quarter, a distance of 1321.38 feet; thence Easterly along a line parallel with the South line of said Northeast fractional Quarter a distance of 1320 feet; thence Southeasterly 1321.38 feet to the Place of beginning, all of said premises being situated in Section 3, Township 18 North, Range 8 East of the Third Principal Meridian, in Champaign County, Illinois.

Approximately sixty-two acres of this farm are needed for extension of the north-south runway, and it is anticipated that the federal government will reimburse the University for one-half the cost of this acreage. The remainder of the farm may be sold, but in the meantime will be operated by the College of Agriculture for income-producing purposes.

The sellers have requested that the University acquire a farm in Vermilion County and exchange it for the property which they own. The Troutmans will pay the difference between the price of the Vermilion County land and the selling price of their farm.

Funds are not available in the state appropriations for the purchase of this land, but the First National Bank of Chicago has indicated that it will loan approximately \$135,000 to the University of Illinois Foundation to acquire this property. An application will be submitted to the Federal Aviation Agency for \$32,550 and a state capital appropriation will be requested for the balance in 1961.

The terms of the contract of purchase between the Foundation and the Troutmans and the lease with the University are set forth in resolutions which the Board of Directors of the Foundation will be asked to adopt at its next meeting. Copies of these resolutions are filed with the Secretary of the Board of Trustees for record.

I concur and recommend that the University of Illinois Foundation be requested to make the above purchase and exchange of land and to borrow approximately \$135,000 from the First National Bank of Chicago, and that the Comptroller and the Secretary of the Board be authorized to execute the necessary agreements with the University of Illinois Foundation, subject to approval of the Legal Counsel.

On motion of Mr. Harewood, this recommendation was approved by the following vote: Aye, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Pogue, Mr. Stratton; not voting, Mr. Johnston.

PURCHASE OF PROPERTY BY UNIVERSITY OF ILLINOIS FOUNDATION

(21) Mr. Avery Brundage is the owner of 129,873 shares of common stock of the LaSalle-Madison Hotel Corporation. The Corporation has an authorized com-

mon stock of 140,000 shares, of which 1,867 shares are held in the treasury of the Corporation and 138,133 shares are outstanding. The Corporation owns the building known as the LaSalle Hotel and owns all of the stock of the LaSalle Pharmacy Corporation, which owns and operates the pharmacy located in the LaSalle Hotel.

Mr. Brundage desires to assist the University of Illinois Foundation by making it possible for the Foundation to acquire an income-producing asset. He has offered to sell his stock in the Corporation to the University of Illinois Foundation for a sum not to exceed \$8,000,000. The terms of purchase would be a down payment not to exceed \$750,000 and the remainder in notes bearing interest at the rate of 2½ per cent. The Foundation would agree to pay to Mr. Brundage an annual sum of \$400,000, of which the interest on the unpaid balance would be paid first, the remainder applying on the principal. Under the terms of this agreement, the loan would be paid off in approximately twenty-four years.

In addition to the minority stockholders, the Corporation has an outstanding mortgage loan in the amount of \$2,650,000 at 5¼ per cent interest, payable serially over a period of twenty-two years. Examination of the operating statements shows a relatively stable income, which will be adequate on the basis of past performance, to meet the obligations the Foundation would undertake.

In view of this offer to the Foundation, it is recommended that the Board of Trustees request that the Foundation, on behalf of the University, enter into this transaction with the understanding that when the Foundation has completely paid the obligations to Mr. Brundage, as well as to the holders of the mortgage, the property or the stock, whichever is then held by the Foundation, shall be transferred or conveyed to the Board of Trustees of the University of Illinois to be held in trust, said property or stock, or the income therefrom, to be used to advance the educational purposes of the University.

(During the discussion of this matter, Mr. Johnston asked to be excused because of another engagement.)

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

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

January 20, 1960



The January meeting of the Board of Trustees of the University of Illinois was held at the Chicago Professional Colleges, in the Chicago Illini Union Building, 715 South Wood Street, Chicago, Illinois, on Wednesday, January 20, 1960, beginning at 1:30 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 Vice-President and Provost Gordon N. Ray, Dr. H. E. Longenecker, 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, Mr. Joseph S. Begando, Assistant to the President, Mr. Vernon 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.

COMMITTEE MEETINGS

Meetings of the Board Committees on General Policy, Buildings and Grounds, and Nonacademic Personnel were held in the forenoon, beginning at 9:00 a.m.

ADDRESS BY DOCTOR EDWARD F. LIS

During the luncheon recess, following Board committee meetings, Dr. Edward F. Lis, Associate Professor of Pediatrics and Director of the Division of Services for Crippled Children, addressed the Board, discussing the program and operations of the Division.

**BUSINESS PRESENTED BY THE VICE-PRESIDENT
AND PROVOST OF THE UNIVERSITY**

In the absence of President David D. Henry, Vice-President and Provost Gordon N. Ray presented the following reports and recommendations.

**APPOINTMENT OF ASSOCIATE DEAN OF ADMINISTRATION
AT CHICAGO UNDERGRADUATE DIVISION**

(1) Upon recommendation of the Executive Dean of the Chicago Undergraduate Division and after consultation with the Executive Dean's Advisory Council, I recommend the appointment of Arthur D. Pickett, Associate Professor of Biological Sciences, as Associate Dean of Administration of the Chicago Undergraduate Division beginning February 1, 1960, at a salary of \$13,000 a year on a twelve-month service basis. He will retain his rank and indefinite tenure as Associate Professor of Biological Sciences.

This will be a new position, made necessary by the increasing administrative load at the Chicago Undergraduate Division.

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

CHAIRMANSHIP OF THE DEPARTMENT OF HISTORY

(2) Professor J. W. Swain, Chairman of the Department of History, will retire from active service at the end of the current academic year.

The Dean of the College of Liberal Arts and Sciences recommends the appointment of Professor Chester G. Starr as Acting Chairman of the Department for one year from September 1, 1960, and Professor Norman A. Graebner as Chairman of the Department for two years from September 1, 1961. The salaries will be determined when the budgets for 1960-61 and 1961-62 are submitted to the Board for approval.

These appointments are recommended after consultation with the Executive Committee of the Department. The Vice-President and Provost and the Dean of the Graduate College have also been consulted and concur.

Professor Graebner's appointment as Chairman is being deferred for one year on his request. During the past year or two he has assumed numerous responsibilities outside the Department of History, including special University service on committees and other assignments, which have interrupted his historical writings, and he desires time off to catch up before taking over the chairmanship. He will be an Associate Member of the Graduate College Center for Advanced Study during 1960-61.

I recommend approval.

On motion of Mr. Swain, these appointments were approved. The Secretary was instructed to send Professor Swain a letter expressing appreciation of the Board of Trustees for his many years of faithful and devoted service to the University.

APPOINTMENT OF PETER R. ELLIOTT AS HEAD FOOTBALL COACH

(3) The Board of Directors of the Athletic Association and the Director of Intercollegiate Athletics recommend the appointment of Peter R. Elliott, formerly

Head Football Coach at the University of California at Berkeley, as Head Football Coach at the University of Illinois effective January 1, 1960, at a salary of \$18,000 a year.

The Dean of the College of Physical Education will also recommend his appointment as Associate Professor of Physical Education for Men effective September 1, 1960, and part of his salary thereafter will be paid from University funds for teaching services. In the meantime, Mr. Ray Eliot, who became Assistant Director of Athletics on January 1, 1960, and who is also Associate Professor of Physical Education for Men, will in that capacity complete his teaching assignment for the academic year 1959-60.

After consultation with all members of the Board of Trustees and securing their approval, the appointment was announced on December 22, 1959, and is now submitted with the President's recommendation for formal approval.

On motion of Mr. Herrick, seconded by Mr. Pogue, this appointment was approved.

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. PAUL J. DOEBEL, Director of Housing, beginning January 1, 1960, at an annual salary of \$11,000 (DY).
2. FOLKE DOVRING, Professor of Agricultural Economics, beginning February 1, 1960, at an annual salary of \$13,000 (AY).
3. ROBERT W. EVANS, Administrative Assistant in the President's Office, for one year from January 1, 1960, at an annual salary of \$9,000 (FY).
4. EARL F. FINDER, Director of the Illini Union, beginning January 1, 1960, at an annual salary of \$10,700 (DY).
5. WILLIAM W. HAY, Assistant Professor of Geology, beginning September 1, 1960, at an annual salary of \$6,000 (D).
6. VERNON L. KRETSCHMER, Director of Auxiliary Services, beginning January 1, 1960, at an annual salary of \$15,500 (DY).
7. VINCENT MASSEY, Visiting Associate Professor of Chemistry and Chemical Engineering, for four and one-half months from March 16, 1960, at a salary of \$5,000 (G).
8. HERMANN MATTENHEIMER, Assistant Professor of Biological Chemistry, in the College of Medicine, beginning December 1, 1959, without salary (DY).
9. LLOYD E. MCCLEARY, Associate Professor of Education, beginning February 1, 1960, at an annual salary of \$9,000 (B).
10. ARTHUR R. ROBINSON, Associate Professor of Civil Engineering, beginning September 1, 1960, at an annual salary of \$9,000 (B).
11. DONALD F. SCHULTZ, Research Assistant Professor of Biophysics, in the Department of Electrical Engineering, on one-half time, beginning July 1, 1960, at an annual salary of \$7,000 (S) (BY50).
12. LIDA JANE WILLE, Consultant in the School of Social Work, with rank of Associate Professor, beginning February 1, 1960, at an annual salary of \$10,000 (BY).

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

APPOINTMENT TO THE INSTITUTE OF LABOR AND INDUSTRIAL RELATIONS ADVISORY COMMITTEE

(5) The Director of the Institute of Labor and Industrial Relations recommends the appointment of Mr. John Meade, Vice-President and Director of Industrial Relations of Fansteel Metallurgical Corporation, North Chicago, Illinois, as a management representative on the Institute's Advisory Committee for a term of three years beginning September 1, 1959, to fill a vacancy on that Committee. Mr. Meade has had extensive government and industry experience in the field of industrial relations.

1 concur.

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

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(6) 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>
WILLIAM LOUIS FUETTERER	Chicago	Ohio
ROBERT R. HILL	St. Louis, Missouri	Missouri
THOMAS LELAND HOLTON	Wilmette	Texas
JOSEPH RICHMOND	Wilmette	Massachusetts
JAMES LOUIS WALKER	Indianapolis, Indiana	Indiana

I concur.

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

ADMISSION OF TRANSFER STUDENTS

(7) The three Senates recommend that the regulations governing the admission of students transferring from other colleges or universities be amended to read as follows, the change to become effective September 1, 1960:

A person who has attended another college or university of recognized standing is considered for admission to the University of Illinois on presenting (1) a transcript of his college record showing honorable dismissal from the institution from which he comes, and (2) an official statement of his preparatory school work.

General University requirements for admission by transfer in terms of the grading system of the University of Illinois, are as follows:

1. *With more than forty semester hours of academic credit*, a minimum of
 - a. 3.0 (C) total average, including all courses passed or failed;
 - b. 3.0 (C) averages for the applicant's last semester (with a minimum of the last twelve semester hours taken by a transfer student to be used in determining the last semester average; furthermore, if the last twelve semester hours bridge two or more semesters, quarters, or summer sessions of study, the entire semester, quarter, or summer session of study in which the twelfth hour falls should be included in the average); or approval of the applicant's petition by the dean of the college concerned, for his admission on probationary status.
2. *With forty semester hours or less of academic credit*, a minimum of
 - a. 3.0 (C) average, except that a resident of Illinois whose scholastic average is below 3.0 but above 2.5 may, with the approval of the dean of the college concerned, be admitted on probationary status.
 - b. A nonresident of Illinois whose scholastic average is less than 3.0 will not be admitted.

Special Admissions. A student who is not eligible on one of the plans described above may be admitted, with the approval of the Dean of Admissions and Records and the dean of the college he wishes to enter, providing he submits evidence which clearly establishes his qualifications to do satisfactory work in the curriculum in which he wishes to enroll.

I concur.

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

**REVISION OF REQUIREMENTS FOR ADMISSION
TO THE COLLEGE OF ENGINEERING**

(8) The Urbana-Champaign Senate recommends that the specific requirements for admission of freshmen to the College of Engineering be revised to read as follows, effective for students enrolling in September, 1963, and thereafter:

<i>High School Subject</i>	<i>Number of Units</i>	
	<i>Required</i>	<i>Recommended</i>
English.....	3	1
Algebra.....	2	
Plane Geometry.....	1	
Trigonometry.....	$\frac{1}{2}$	
College Preparatory Mathematics.....		$\frac{1}{2}$ or more
Science.....	2	1
Social Studies.....	2	1
Language.....	2	
Additional Language.....		$\frac{1}{2}$ or more

In addition, applicants must meet the general requirements for admission to the University which are applicable to all students regardless of the college in which they enroll.

The increased subject matter requirements emphasize general education rather than specific preparation for engineering studies. Thus, biology as well as chemistry or physics may be presented to fulfill the science requirement. Social studies and foreign language requirements are added. The recent trend in engineering curricula to increase requirements in social sciences and humanities is reflected in an entrance requirement which will stimulate the prospective engineer also to include subjects in these areas and in language in his high school program.

Students 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 two units from physics, chemistry, and biology. Botany and zoology may be substituted for biology. General science may not be used as a required subject.

Required language must be two units in one language. Languages which are acceptable are those normally taught at the University of Illinois and listed in the Undergraduate Study bulletin.

Students who are deficient in foreign language may be admitted on condition that the deficiency be removed in the first two years. No credit toward graduation will be allowed for language courses taken to remove a deficiency in entrance requirements.

Students transferring from other colleges shall not be excused from these entrance requirements unless they have demonstrated proficiency in the areas in which they are deficient.

I concur.

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

CURRICULUM IN GENERAL ENGINEERING

(9) The Urbana-Champaign Senate recommends a new curriculum in general engineering leading to the degree of Bachelor of Science effective for students entering in September, 1960. The major change is to require a total of 142 semester hours for a degree exclusive of the required military training and physical education. The main reason for this change is that the Engineering Council for Professional Development accreditation criteria limits the amount of time permissible for secondary fields of study to six hours in a four-year curriculum. The faculty of the College of Engineering is of the opinion that anything less than twelve hours in secondary field study would detract from the effectiveness of the program and to obtain the additional six hours requires an increase from 136 to 142 hours. It is unlikely that this additional six hours will be a handicap to students, since a large percentage of those in the College of Engineering already take more than eight semesters to complete degree requirements.

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

I concur.

On motion of Mr. Johnston, this recommendation was approved. Mr. Herrick voted "no."

REVISION OF CURRICULUM IN MINING AND METALLURGICAL ENGINEERING

(10) The Urbana-Champaign Senate recommends a revision in the curriculum in mining and metallurgical engineering by adding a three-hour course in statistics (Mathematics 263) and changing a course in mining engineering (Mining Engineering 253) from four semester hours to three semester hours.

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

I concur.

On motion of Mrs. Watkins, this recommendation was approved.

REVISION OF CURRICULA IN MECHANICAL ENGINEERING AND INDUSTRIAL ENGINEERING

(11) The Urbana-Champaign Senate recommends a revision of the curricula in mechanical engineering and industrial engineering by dropping the course Advanced Drafting for Mechanical Engineers (General Engineering 112) from the second semester of the second year, changing the social sciences or humanities electives from a total of ten semester hours to nine semester hours, and adding a three-hour course in engineering analysis and design in the fourth year.

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

I concur.

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

CURRICULUM IN CRAFTS

(12) The Urbana-Champaign Senate recommends authorization of a new curriculum in crafts in the College of Fine and Applied Arts, the objective being to provide a strong basis of fine arts, a foundation of general education centered in the humanities and social sciences, and a solid technical program in two of the three most important crafts areas.

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, this recommendation was approved.

SHORT-TERM LOANS

(13) Fifteen years ago the University of Illinois held slightly over \$500,000 in loan funds, of which less than \$100,000 was loaned to students and the balance was invested in government securities. During the intervening period, the total of such funds has increased to \$744,000 all of which is now loaned or committed. At the present time there are insufficient funds to meet approved applications, and loans are being made solely from repayments on outstanding notes.

The University makes two types of loans: long-term loans, which are repaid in installments beginning four months after the student leaves school; and short-term loans, which are generally in amounts of less than \$100, bear no interest, and are payable within the semester in which they are made. The sum of \$39,000 has been assigned from certain loan funds, the terms of which are sufficiently liberal to permit them to be used for short-term purposes.

During the past semester the demand for short-term loans has continually exceeded available resources, and it has been necessary to temporarily assign cash from long-term funds for which the demand is also greater than the available resources. Without some assistance it will be necessary to refuse many applicants for short-term loans after the beginning of the second semester.

The University of Illinois Foundation holds a substantial cash balance in the Shaw Endowment Income account which may be used for educational purposes and is generally used for scholarships. These funds will not be needed until the first semester of 1960-61, and the Board of Directors of the Foundation has agreed to make a temporary grant of \$20,000 from them to the University for short-term student loans during the second semester of 1959-60, to be repaid by Septem-

ber 1, 1960. Although this is not a solution to the student loan problem, it will provide temporary relief.

The Vice-President and Comptroller and the Dean of Students recommend acceptance of this grant under the condition stated.

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

SALE OF SECURITIES RECEIVED FROM LAKELAND FOUNDATION

(14) Mr. F. B. Hubachek of the Lakeland Foundation has made a gift to the University of Illinois of one hundred and forty-seven shares of the common stock of the Household Finance Corporation with a request that the stock be sold and the proceeds credited to the Lakeland Foundation gift account to which Mr. Hubachek has made cash donations each year for a number of years. The Lakeland Foundation gift to the University was established several years ago to carry on a research program in the Department of Clinical Science of the College of Medicine.

Since the stock was given to the University by the Lakeland Foundation with the stipulation that it be sold, the following resolution should be adopted to authorize the sale of the stock. The stock had a value of \$26.75 a share at the time of the gift on December 22, 1959.

Resolution

WHEREAS, the Board of Trustees of the University of Illinois is the owner of one hundred and forty-seven shares of the common stock of the Household Finance Corporation, and

WHEREAS, it is the decision of said Board of Trustees to sell and dispose of this stock,

Now, Therefore, Be It Resolved that this sale be completed and that A. J. Janata, Secretary, and H. O. Farber, Comptroller, be authorized to execute all documents necessary to accomplish this.

On motion of Mr. Herrick, 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.

ELECTRICAL SERVICE FOR LAUNDRY BUILDING CHICAGO PROFESSIONAL COLLEGES

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of an agreement with the Commonwealth Edison Company, Chicago, for the installations necessary to supply electrical service to the new Laundry Building at the Chicago Professional Colleges at a cost of \$3,153.

The work will include construction of a duct run from the Edison Company's manhole in the street to the property line, installation of cables from the manhole to the Laundry Building, setting of transformers, and cable work within the transformer vault.

Funds are available in the construction budget for the Laundry Building.

I concur.

On motion of Mr. Harewood, this agreement 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.

ENGINEERING SERVICES FOR EXTENSION OF UTILITIES TO ASSEMBLY HALL

(16) Provision was made in the state capital appropriations for 1959-61 for all utilities services to the Assembly Hall, including steam, electric, water, and storm and sanitary sewers. The funds are subject to release by the Governor and as a result of the "freeze order" on capital funds, all engineering work on utilities services was stopped. As it now appears that the University will not secure a release of funds in time to complete utilities by the time the building is constructed, an alternate method must be found to provide and finance temporary

utility services. Preliminary studies of alternate methods of providing utilities services indicate that:

A temporary storm sewer, estimated to cost approximately \$30,000, is the most critical and immediate need of the contractor. It is only a partial solution, and there may be periodic flooding and closing of the new Florida-Kirby underpass during periods of heavy rainfall.

An additional capital expenditure of approximately \$165,000 will be necessary to finance the cost of construction of a temporary oil-fired heating plant and the extension of Illinois Power Company electric service to the site. These temporary services will, however, result in a net increased operating cost of approximately \$84,000.

There is no temporary solution for water and sanitary sewer service, and the permanent facilities originally contemplated and estimated to cost approximately \$38,000 will be required.

The Assembly Hall is being financed through a bond issue, and funds can be made available in the building construction account for the cost of the engineering services and the electric lines. The biennial operating budget includes funds for operating the Assembly Hall during 1960-61, but since the building will not be occupied before the fall of 1961, these funds can be used to finance the construction of the water mains, sewer, and heating plant.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that:

Sargent and Lundy, Consulting Engineers, Chicago, be employed on the engineering services required for the construction of a temporary oil-fired heating plant. The estimated cost of these services is \$10,000.

Wilson and Anderson, Champaign, be employed to do the engineering work required for the water and sanitary sewer services. The estimated cost of these engineering services is approximately \$3,800.

It is recommended that authorization of these two firms be by changes in the existing contracts with them previously authorized by the Board.

The Vice-President and Comptroller and the Secretary of the Board be authorized to execute a contract with the Illinois Power Company for extension of electrical service to the site at an estimated net cost of approximately \$15,000.

Recommendations will be submitted for awards of contracts and assignments of funds for the construction of the temporary heating plant and the extension of storm and water sewer services when these services have been designed and bids have been taken.

The Committee on Buildings and Grounds has previously considered these recommendations and is prepared to support them.

I concur.

On motion of Mr. Swain, these recommendations were 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, Mr. Herrick; absent, Mr. Stratton.

ENGINEERING SERVICES ON EXTENSION OF UTILITIES TO HOUSING AREAS

(17) The Director of the Physical Plant and the Vice-President and Comptroller recommend additions to an existing contract with Wilson and Anderson, Champaign, for engineering services, authorized by the Board on February 19, 1959, to include design for (a) extension of the Mathews Avenue sanitary sewer interceptor from Illinois Street to Florida Avenue; (b) a water main, lift station and force main, and a sanitary sewer to service the additional family housing to be constructed in the area between South Race Street and Orchard Avenue extended. The extension of the Mathews Avenue sanitary sewer interceptor will also serve the residence halls for women to be constructed south of Florida Avenue and west of Lincoln Avenue and eventually other buildings.

The estimated cost of these engineering services is \$14,000 and will be paid from the proceeds of the bond issue to finance the construction of the family housing units already authorized by the Board. If funds in the state capital

appropriations to the University for 1959-61 are released, it is proposed to charge \$9,500 of the cost of these engineering services to the appropriation for extension of utilities.

I concur.

On motion of Mr. Johnston, these contract changes were authorized.

LAND ACQUISITIONS

(18) The Director of the Physical Plant and the Vice-President and Comptroller submit the following public report of property purchases authorized by the Board and now completed:

<i>Address</i>	<i>Owner</i>	<i>Cost</i>
1003 West Green Street, Urbana	Myron Potter Rose	\$ 40 000
1201 West Stoughton Street, Urbana	Alpha Kappa Alpha Sorority	17 000
1003 West Western Avenue, Urbana	Minnie Rose Nesmith	8 500
805 West Pennsylvania Avenue, Urbana	Sigma Alpha Mu Fraternity	85 000
502 East John Street, Champaign	Clarence W. and Myrtle Coventry	25 000

The property at 1003 West Green Street was purchased to provide part of the site for a residence hall for undergraduate men. The property at 805 West Pennsylvania Avenue was purchased to provide additional quarters needed by the College of Education. The other properties were purchased for future campus expansion.

This report was received for record.

PURCHASES

(19) 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 bid.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One FM transmitter and accessories	Aeromedical and Physical Environment Laboratory	Electro-Mechanical Research, Inc., Detroit, Mich.	\$2 955 00 f.o.b. Sarasota, Fla.
Drilling of 6 in. water well, installation of prime galvanized steel casing and a screen in bottom of well; approximate depth 450 ft.; on a University farm in DeKalb County	Agricultural Economics	George A. Schmalz & Son, Rockford	2 591 70 f.o.b. delivered
Two underground turbine fuel storage tanks, capacity 10,000 gal. each, 10 ft. 6 in. diameter by 15 ft. 7 in. long	Institute of Aviation	Leader Iron Works, Inc., Decatur	2 850 00 f.o.b. Decatur
One automatic superspeed refrigerated centrifuge	Biochemistry, Chicago Professional Colleges	Ivan Sorvall, Inc., Norwalk, Conn.	3 560 00 delivered
Two Norelco No. 12045 basic diffraction apparatus, X-ray generator and control 60 kvp—50 ma adaptable for X-ray spectrograph, One No. 32112 copper target One No. 32113 molybdenum target Four window diffraction tubes	Chemistry and Chemical Engineering	Philips Electronics, Inc., Chicago	7 425 00 f.o.b. delivered
One microdensitometer, double beam (intensity balancing) automatic, recording, with standard accessories	Chemistry and Chemical Engineering	National Instrument Laboratories, Inc., Washington, D.C.	6 594 50 f.o.b. delivered
Two Buerger precession cameras, modified for protein work, to include one goniometer for head per camera, and two extra goniometer heads; extra layer line screen holder and graduated arm; twenty-one layer line screens; four collimators; and one extra set of drive gears	Chemistry and Chemical Engineering	Charles Supper Co., Inc., Watertown, Mass.	5 397 50 f.o.b. delivered
One Tektronix type 555 dual-beam oscilloscope with two type "L" pre-amplifiers, one type H510 viewing hood, and one type 500/53A scope-mobile	Digital Computer Laboratory	Tektronix, Inc., Park Ridge	3 165 93 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One completely self-contained, general purpose magnetron modulator for use with all common magnetrons covering the range from 3.2 kmc to 35.0 kmc with peak outputs from 6 kw. to 120 kw.	Electrical Engineering	Narda Microwave Corp., Mineola, N.Y.	\$4 850 00 f.o.b. delivered
One Hughes model 104-E "memo-scope" oscilloscope with HS-6 preamplifier, WB/DI/11 dual trace preamplifier, camera mount, and multi-tracer	Electrical Engineering	Hughes Products, Chicago	3 936 90 f.o.b. delivered
One photomicroscope, with tube head, rotating analyzer, collector tube, diaphragm insert, and complete with optics and built-in exposure device	Geology	W. H. Kessel & Co., Chicago	3 942 70 f.o.b. delivered and installed
Additional equipment plus installation for expansion of Language Laboratory; seventeen Fold-A-Booths, two dual magnetic tape language recorder-players, fifteen magnetic disc language recorder-players, and seventeen sets dual headphones	Language Laboratory	Magnetic Recording Industries New York, N.Y.	5 715 25 f.o.b. delivered
One photomicroscope	Pathology	W. H. Kessel & Co., Chicago	2 599 00
One six-channel electroencephalograph and two channels for DC and strain gage amplification	Pharmacology	Grass Instrument Co., Quincy, Mass.	4 620 00 f.o.b. delivered
One spectrophotometer, quartz optics, built-in micro-scale from 200 mu to 2,500 mu, diaphragm insert, optical bench 75 cm, with monochromator, lamp housing, power supply unit, sample changer, indicator unit and accessories	Microbiology	W. H. Kessel & Co., Chicago	4 712 30 f.o.b. delivered and installed
One gas chromatograph and accessory equipment	Pharmacy-Chemistry	E. H. Sargent & Co., Chicago	5 033 00 delivered and installed
One Varian V-4004 four-inch laboratory electromagnet with V-4084-1 cylindrical pole caps	Physics	Varian Associates, Palo Alto, Calif.	4 454 50 f.o.b. delivered
One V-2300A power supply			
One V-2301A current regulator			
One 18 in. x 4 ft. leaded half hard brass plate	Physics	Chase Brass & Copper Co., Chicago	2 685 85 f.o.b. delivered
Fabricate Varian magnet turntable assembly	Physics	Burns Machine Co., Ottawa	3 400 50 f.o.b. delivered
Printing and binding 5,000 copies of <i>Mass Communications</i> , revised edition, edited by Wilbur Schramm, approximately 688 pages a copy	University Press	Pantagraph Printing & Stationery Co., Bloomington	10 588 28 f.o.b. delivered
Printing and binding 2,000 copies of <i>Readings in the History of American Agriculture</i> , edited by Wayne Rasmussen, approximately 352 pages	University Press	Pantagraph Printing & Stationery Co., Bloomington	4 261 94 f.o.b. delivered
Printing and binding 2,500 copies of <i>High School Mathematics</i> , students' edition, compiled by the University of Illinois Committee on Mathematics	University Press	Braun-Brumfield, Inc., Ann Arbor, Mich.	4 497 00 f.o.b. Ann Arbor Mich.
89 pieces of office and lounge furniture, including desks, side arm chairs, side chairs, telephone cabinets, bookcases, lounge chairs, card tables, files, sofas, end tables, corner tables, smokers	Research and Educational Hospitals	Gilbert A. Force Co., Chicago	3 531 77 delivered
One offset duplicating machine	Stenographic Service, Chicago Professional Colleges	E. W. Boehm Co., Chicago	2 763 50 delivered
Enamel book paper: 800 reams 25 in. x 38 in., 70-lb. 200 reams 22 1/2 x 35 in., 58-lb. 100 reams 25 in. x 28 1/2 in., 53-lb. 100 reams 28 in. x 42 in., 87-lb.	Office Supply Stores	Decatur Paper House, Inc., Decatur	14 245 00 f.o.b. delivered
66,200 reams 16-lb. white No. 4 sulphite mimeograph bond paper	Office Supply Stores	Decatur Paper House, Inc., Decatur	40 554 50 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
325,000 brown Kraft open end, gummed flap, clasp and catalog envelopes in weights and sizes as specified	Office Supply Stores	Marvin Envelope & Paper Co., Chicago	\$2 957 35 f.o.b. delivered
Lumber for period of February 1, 1960, through June 30, 1960. Quantities estimated are: 6,000 board ft. No. 3 spruce 23,000 board ft. construction grade fir 4,000 board ft. "C" select ponderosa pine	Physical Plant Storeroom	Hillcrest Lumber Co., Champaign	5 491 92 f.o.b. delivered
Furnish and install new pad and carpeting in aisles on main floor of the Auditorium	Physical Plant	Marshall Field & Co., Chicago	5 729 76 f.o.b. delivered
20,000 lbs. soft white lead paste, federal specifications TT-W-251-B, type C, in 100-lb. kegs	Physical Plant Storeroom	National Lead Co., Chicago	3 650 00 f.o.b. delivered
One cooling tower	Physical Plant, Chicago Colleges	Sweiger-Davidson Co., Chicago	6 592 00 f.o.b. Chicago
One fuel injection pump calibration bench complete with standard accessories, export packed, f.a.s. N.Y.	International Cooperation Administration Contracts	Sun Electric Corp., Chicago	3 021 00 f.a.s. N.Y.

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

COMPTROLLER'S REPORT OF CONTRACTS

(20) The Comptroller's report of contracts executed during the period December 1 to 31, 1959.

<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 29(601)-2390	Confidential	\$35 000 00	December 2, 1959
United States Air Force AF 49(638)-781	Properties of radioactive nuclei by optical orientation	25 000 00	November 1, 1959
VioBin Corp.	Evaluate the nutritional properties of fish oils and fish meals and fractions thereof in relation to processing methods	2 200 00	December 9, 1959
<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 James H. Gately Park on November 14, 1959, for football game	\$ 100 00	September 28, 1959
Jack Wayne, Orchestra Leader	Music for dance at Navy Pier on February 13, 1960	213 50	December 22, 1959

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Illinois Press Association	Lease of office space at 117 Gregory Hall	\$ 720 00 annually — July 1, 1959, to June 30, 1960	November 24, 1959
<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, eight items: \$27.42 to \$648.50	\$ 1 079 51 annually	October 16, 1959
Joseph A. Hofmann	Lease of back room, second floor, at 614-616 East Green Street, Champaign	1 320 00 annually — July 1, 1959, to June 30, 1960	December 3, 1959

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
National Warm Air Heating and Air Conditioning Association	Heating, ventilating, and air conditioning as related to warm-air furnace heating	\$36 347 00	December 21, 1959
Upjohn Co.	New antibiotics	6 000 00	August 5, 1959

<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 29(601)-468	Static and dynamic testing of deep structural elements	\$ 7 000 00	November 16, 1959
United States Air Force AF 33(616)-5446	Films of surface active substances on a metal surface	16 000 00	October 21, 1959
United States Air Force AF 33(616)-5658	Effects of inelastic straining on various classes of metals including high temperature	23 405 00	August 25, 1959
United States Navy Nobs-77012(1716)	Determine hydrogen embrittlement tendencies of propeller, shaft, and hull metals as related to cathodic protection	18 435 00	November 13, 1959

Adjustments Made in 1959-60 Cost-Plus Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Harry Fisher (Plastering)	Twenty-seven items: \$248.00 deduct to \$600.00	\$ 2 387 56	November and December, 1959

This report was received for record.

AMENDMENT OF GENERAL RULES CONCERNING UNIVERSITY ORGANIZATION AND PROCEDURE

(21) The Committee on Fees recommends that Section 30, Registration of Staff Members in University Classes, in the General Rules Concerning University Organization and Procedure be amended effective September 1, 1960, as shown below. The new language is shown in *italics*.

A subtitle of the Section is added to read: Registration of Staff Members in Undergraduate Colleges.

The present paragraph (a) to be changed to read:

Undergraduate students on the academic, administrative, or permanent non-academic staff of the University, or on the staffs of allied surveys and laboratories located on the Urbana-Champaign campus, may register in University courses for which they are eligible for admission, without payment of the tuition fee and the laboratory, library, and supply fee, provided that their annual salary for nine months is less than the minimum salary for such period established for full-time assistants, *and provided that their official appointments call for a minimum of four months of service during the semester in which exemption is desired.* (A semester is defined for this purpose as the equivalent of four and one-half months of work.)

(The latter change is regularizing precisely what is being done at the present time.)

Paragraphs (b) and (c) are not changed.

The present paragraph (d) to be deleted.

The present paragraph (e) to be changed to read:

(d) *Undergraduate students* on appointment for a second semester who are exempt from payment of fees for courses in which they are registered during the period of their appointment are exempt also from a payment of fees for courses in which they enroll in the Summer Session immediately following termination of their appointments, *provided they hold no appointments in that Summer Session. Undergraduate students holding summer session appointments requiring at least seven weeks of service shall be subject to such tuition and fees as would be assessed in accordance with the principles expressed in (a) and (b) above.*

(Undergraduate academic and nonacademic employees have had the same privileges as graduate employees insofar as they concern extension of the tuition and fee exemption benefits to the Summer Session immediately following termination of their appointments. The recommended revision of former paragraph (e) now paragraph (d), as indicated, provides for the undergraduate employees the same summer session exemptions proposed for the graduate academic staff.)

A new paragraph (e) to be added:

(e) *Undergraduate students not subject to tuition and fees by reason of their appointments who resign from their positions before the midpoint of the*

semester or Summer Session and continue as students after the date of resignation shall be subject to payment of tuition and fees.

A new subsection, with a subtitle, to be added:

Registration of Staff Members in the Graduate College

(f) Graduate students who are academic employees of the University, or of allied surveys and laboratories located on the Urbana-Champaign campus, may register in University courses for which they are eligible for admission without payment of the tuition fee and the laboratory, library, and supply fee, 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. Graduate students employed under two or more appointments from the University or allied surveys and laboratories shall have their basis for exemption computed on an equivalent scale. Graduate students not subject to tuition and fees by reason of their appointments who (1) resign from their positions before the midpoint of the semester, (2) complete clearance for graduation within one week following the date of resignation, and (3) leave the campus, shall not be subject to payment of tuition and fees for that semester and they need not cancel their registration in University courses for the semester. Such persons who continue as active students after the date of resignation shall be subject to payment of tuition and fees.

(g) Those graduate students, including fellows, who are not exempt from the payment of tuition and fees in accordance with paragraph (a) above shall be subject to payment of tuition and fees unless they are awarded tuition and fee waivers (in whole or in part) by the Graduate College. These tuition and fee waivers shall be awarded at the discretion of the Graduate College as authorized by the Board of Trustees.

(h) Graduate students holding appointments during the second semester of an academic year either as employees or fellows, and for whom tuition or fees have been provided through exemption, waiver, or cash payment by an outside agency, shall be exempt from the payment of the same kinds of tuition and fees for the Summer Session immediately following, provided they hold no appointments during the Summer Session. Graduate students holding summer session appointments as fellows or as employees requiring at least seven weeks of service shall be subject to such tuition and fees as would be assessed in accordance with the principles expressed in sections (a) and (b) above.

(i) These rules do not apply to graduate nonacademic employees who are governed by the same regulations applying to undergraduate employees, as stated in paragraphs (a) through (e) above.

(j) Graduate students who hold any type of University appointment including that of fellow, may not accept additional employment from the University or any allied agency without the approval of the Dean of the Graduate College.
I concur.

On motion of Mr. Swain, these amendments were adopted.

TUITION AND FEE WAIVERS IN THE GRADUATE COLLEGE

(22) The Dean of the Graduate College recommends authorization of 450 tuition and fee waivers a year to graduate students which would include (a) all University fellows, i.e. those whose stipends are paid from University funds; (b) most fellows whose stipends are paid from endowments or other trust funds received by the University for such purposes; (c) a number of teaching assistants who for reasons beyond their control may be compelled to accept teaching assignments which do not carry exemption from payment of tuition and other fees on the basis of their appointments; and (d) all foreign graduate students who qualify for tuition and fee waivers. This latter would leave present foreign scholarships available exclusively to undergraduate students.

It should be noted that the term "tuition and fee waiver" is used here rather than the term "scholarship." This is a desirable change in nomenclature which would leave the term "scholarship" to apply to undergraduate students only.

I concur in this recommendation.

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

**ADMISSION OF UNDERGRADUATE STUDENTS
ENTERING DIRECTLY FROM HIGH SCHOOL**

(23) The present requirements for admission of undergraduate students entering directly from high school include a provision that a graduate of an accredited high school who is a resident of Illinois and whose scholarship is in the lowest quarter of his class, but who otherwise meets the entrance requirements, will be admitted on probationary status subject to certain conditions, including: "Such an applicant will be required by the University to take tests as prescribed by the Student Counseling Service *and to receive in an interview an interpretation of the test scores and their educational and vocational significance.*"

The Director of Student Counseling Service and the Dean of Admissions and Records recommend that the language of the phrase in italics be amended to read: "... and to receive a letter advising him of his chances of succeeding in the University and inviting him to utilize the services of the Student Counseling Service for interpretation of the educational and vocational significance of his test scores if he so wishes."

Since this is an administrative procedure and involves no change in policy, I have approved the change, effective at the beginning of the first semester of 1960-61, and report this action for record.

This report was received for record.

**DISCLAIMER REQUIREMENT IN STUDENT LOAN FUND PROGRAM
OF NATIONAL DEFENSE EDUCATION ACT**

(24) The University of Illinois Board of Trustees registers its objections to the disclaimer or affidavit of disbelief oath required of student recipients of federal loans under the National Defense Education Act and urges that the Congress remove the disclaimer oath provisions from the Act during its present session.

The Board, at the same time, emphasizes its approval of the allegiance oath requirement for such loans.

The Board states that despite its objection, the University will continue to participate in the federal loan program if the disclaimer oath is not removed. To withdraw would force many of the more than 400 students now holding federal loans to leave the University since loan funds from other sources are exhausted.

Under these circumstances it seems best to leave to the individual student the decision as to whether or not the taking of the disclaimer oath can be reconciled with the dictates of his conscience.

The foregoing statement was presented by the Vice-President and Provost, representing the President of the University, with the recommendation that it be adopted as the official position of the University on this question.

During the discussion of the recommendation, Mr. Hughes suggested that in lieu of registering objection to the disclaimer oath, the Board recommend a change in the language to remove the objectionable features.

Mr. Harewood stated that in his opinion the Board should not undertake to redraft any provisions of the National Defense Education Act but that it should express its position in general terms.

Mr. Clement spoke in opposition to the disclaimer oath.

At the conclusion of this discussion, on motion of Mr. Clement, this statement was adopted by the Board. Mr. Herrick and Mr. Hughes voted "no."

LIBRARY OF INTERNATIONAL RELATIONS

(25) On November 18, 1959, the Committee on General Policy received a report from the Dean of Library Administration on the availability to the University of the Library of International Relations at 351 East Ohio Street, Chicago. The future of this Library has been a subject for urgent consideration because of its financial problem, and a firm offer was received from Michigan State University for its removal to East Lansing. Desiring to keep the Library in Chicago, its

Trustees have suggested a possible affiliation with the University of Illinois. The Committee on General Policy voted to support the University administration's interest in acquiring the Library of International Relations and the Dean of Library Administration was authorized to negotiate with its Trustees.

The Library's distinguished collection consists of more than 150,000 books, pamphlets, periodicals, and other materials and is valued by its Trustees at a minimum of \$500,000. It was developed largely through the financial backing of Chicagoans, and its usefulness increases with Chicago's expansion as a seaport. These are among the many strong practical reasons for keeping the Library in Chicago permanently.

The Trustees of the Library of International Relations have requested an official expression from the Board of Trustees of the University of Illinois of the University's interest in acquiring the Library, this expression to cover specifically two points:

1. That every reasonable effort is to be made to provide a permanent location for the L.I.R. which will be convenient for the Library's established clientele;
2. And that the L.I.R. is to be recognized permanently as a distinctive professional collection, with the intent of maintaining it as such rather than merely as a department of an undergraduate library."

The Dean of Library Administration recommends that the Board of Trustees of the University of Illinois officially express to the Trustees of the Library of International Relations the willingness of the University of Illinois to acquire their Library under the following conditions:

1. It will be housed, as a separate unit, in the new library building of the Chicago Undergraduate Division when such a building is erected, and will be maintained as a specialized collection available to the clientele it now serves, as well as to the faculty and students of the University.
2. Special programs of the Library of International Relations, such as discussion groups, seminars, and other types of public relations programs now sponsored by it, will be continued.
3. Since any library that stops growing soon becomes dead or obsolete, the L.I.R. resources will be developed continuously in the fields covered by its present program. This implies systematic acquisition of materials by purchase, exchange, and gift, and the availability of regular operating funds.
4. Since it is important that the present Board of Trustees of the Library of International Relations and Governing Members continue their association with it, following affiliation with the University, these groups would be organized into a "Friends of the Library Society," such as is found in a number of institutions. Except for administrative responsibility, the Society would carry on most of the activities with which the present Trustees and Governing Members are now concerned. Administratively, the Library of International Relations would be attached to the University's Chicago Undergraduate Division Library which reports to the Dean of Library Administration of the University of Illinois.
5. The transfer of the Library of International Relations would include transfer of its staff to the library staff of the University of Illinois.
6. The University will include in its biennial budget estimates for 1961-63 provision for partial financial support of the Library.

If the Board of Trustees approves the foregoing recommendations, it is further recommended that the University's administrative officers be authorized to pursue negotiations with the Trustees of the Library of International Relations with a view to arriving at a firm agreement with regard to the transfer of the Library to the University when the library building on the new Chicago Undergraduate Division campus is completed.

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

INVESTMENTS

Mr. Swain, for the Finance Committee, reported the following changes in investments of trust funds from October 1 through December 31, 1959:

URBANA-CHAMPAIGN

Endowment Funds—General

Sale

600 shares	Armstrong Cork Company common stock		\$ 25 696 21
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Exchange

\$ 10 000	U. S. Savings "G"	2½%	6/1/60 for
10 000	U. S. Treasury notes	4¾%	5/15/64

Purchase

750 shares	Caterpillar Tractor Company common stock		\$ 24 442 55
\$ 7 000	U. S. Treasury bonds	3%	8/15/66
			6 397 50

Current Funds

Purchase

\$ 500 000	U. S. Treasury bills		6/22/60	\$ 485 688 89
500 000	U. S. Treasury bonds	2½%	11/15/60	490 000 00

CHICAGO

Dentistry-Medicine-Pharmacy Building—Auxiliary

Purchase

\$ 200 000	U. S. Treasury bills		2/4/60	\$ 197 908 00
200 000	U. S. Treasury bills		5/5/60	195 521 00

Report of the Comptroller

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

URBANA-CHAMPAIGN

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

Purchase

\$ 330 000	U. S. Treasury bills		12/17/59	\$ 329 332 67
340 000	U. S. Treasury bills		1/15/60	337 954 33
420 000	U. S. Treasury bills		2/18/60	415 572 85
660 000	U. S. Treasury bills		3/17/60	651 164 25
350 000	U. S. Treasury bills		4/15/60	343 668 89
340 000	U. S. Treasury bills		5/12/60	332 562 50
260 000	U. S. Treasury bills		6/22/60	252 886 40
420 000	U. S. Treasury bills		7/15/60	407 675 57
830 000	U. S. Treasury notes	4¾%	8/15/60	831 296 88
1 235 000	U. S. Treasury certificates	4¾%	11/15/60	1 236 157 81
160 000	U. S. Treasury notes	3½%	5/15/61	158 600 00
550 000	U. S. Treasury notes	4%	8/1/61	546 562 50
50 000	U. S. Treasury notes	4%	8/1/61	49 703 13
60 000	U. S. Treasury bills		10/17/60	57 475 72
70 000	U. S. Treasury bills		4/15/60	69 061 09

Assembly Hall Revenue Bonds Construction Fund (authorized by Board of Trustees resolution dated June 23, 1959)

Purchase

\$ 40 000	U. S. Treasury bills		11/12/59	\$ 39 903 56
62 000	U. S. Treasury bills		1/7/60	61 911 99
225 000	U. S. Treasury bills		2/11/60	223 670 88
430 000	U. S. Treasury notes	4¾%	8/15/60	430 000 00
240 000	U. S. Treasury certificates	4¾%	11/15/60	240 225 00

Housing Revenue Bonds of 1959 Construction Fund—Graduate Housing (authorized by Board of Trustees resolution dated June 23, 1959)

Account B

Purchase

\$ 281 000	U. S. Treasury notes	3¼%	5/15/60	\$ 279 068 13
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Housing Revenue Bonds of 1958 Construction Fund—Post Office and Snack Bar, and so forth (authorized by Board of Trustees resolutions dated December 17, 1958, and March 12, 1958)

Sale

\$ 140 000	U. S. Treasury notes	4¾%	11/15/63	\$ 140 087 50
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Purchase			
\$ 185 000	U. S. Treasury bills	1/15/60	\$ 183 437 01
308 000	U. S. Treasury bills	2/11/60	305 524 43

Men's Residence Halls of 1957 Construction Fund (authorized by Board of Trustees resolution dated March 12, 1957)

Purchase			
\$ 121 000	U. S. Treasury bills	12/3/59	\$ 120 727 08
25 000	U. S. Treasury bills	1/7/70	24 907 92
75 000	U. S. Treasury bills	2/11/60	74 360 31

Women's Residence Halls of 1956 Construction Fund (authorized by Board of Trustees resolution dated September 18, 1956)

Sale			
\$ 4 000	U. S. Treasury bills	11/27/59	\$ 3 988 31

Purchase			
\$ 38 000	U. S. Treasury bills	11/27/59	\$ 37 773 77
30 000	U. S. Treasury bills	1/14/60	29 854 80

Men's Residence Halls of 1956 Construction Fund (authorized by Board of Trustees resolutions dated March 23, 1956, and September 18, 1956)

Purchase			
\$ 6 000	U. S. Treasury bills	1/14/60	\$ 5 976 96
10 000	U. S. Treasury bills	2/11/60	9 928 25

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

Purchase			
\$ 132 000	U. S. Treasury bills	3/22/60	\$ 130 035 84
131 000	U. S. Treasury notes	4¾% 8/15/60	131 204 69
131 000	U. S. Treasury certificates	4¾% 11/15/60	131 122 81
133 500	U. S. Treasury bonds	2¾% 9/15/61	128 919 69

Assembly Hall Revenue Bonds Interest Reserve (authorized by Board of Trustees resolutions dated June 23, 1959, and July 21, 1959)

Purchase			
\$ 1 500	U. S. Treasury bonds	2¾% 9/15/61	\$ 1 447 50

Women's Residence Halls of 1956 Sinking Fund (authorized by Board of Trustees resolution dated September 18, 1956)

Purchase			
\$ 61 000	U. S. Treasury notes	1½% 10/1/60	\$ 59 551 25
63 000	U. S. Treasury bills	3/17/60	62 027 00

Dormitory Revenue Bonds of 1956 Sinking Fund (authorized by Board of Trustees resolutions dated March 23, 1956, and September 18, 1956)

Purchase			
\$ 50 000	U. S. Treasury bills	3/17/60	\$ 49 227 78
24 000	U. S. Treasury notes	1½% 10/1/60	23 422 50

Revenue Bonds of 1952 Sinking Fund (authorized by Board of Trustees resolution dated February 22, 1952)

Purchase			
\$ 11 500	U. S. Treasury bonds	2½% 3/15/70-65	\$ 9 534 22

This report was received for record.

EXECUTIVE SESSION

At this point an executive session was requested and ordered for consideration of the following item of business.

SALE OF LAND TO ALPHA GAMMA RHO AND DELTA CHI FRATERNITIES

(26) The Committee on Buildings and Grounds has approved the sale of two tracts of University land adjoining the properties of the Alpha Gamma Rho and the Delta Chi fraternities in the block bounded by Armory Avenue on the north, First Street on the east, Gregory Drive on the south, and Oak Street on the west in the city of Champaign to permit remodeling and expansion of their houses.

Negotiations with the alumni corporations of these fraternities have been concluded at a sales price of \$12,470 for the property to be purchased by Alpha Gamma Rho and of \$6,340 for the property to be purchased by Delta Chi. These prices represent the average of three appraisals of each. Accordingly it is now recommended that the Board of Trustees authorize the sale of these properties by adoption of resolutions which are submitted herewith.

Resolution

WHEREAS, Alpha of Alpha Gamma Rho Alumni Association, an Illinois not-for-profit corporation, whose principal office is at 602 East Green Street, Champaign, Illinois, hereinafter termed "Purchaser," has 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 Purchaser providing for the sale and conveyance to Purchaser of the hereinafter described property upon the following terms and conditions:

- (1) At a sale price of \$12,470 with customary adjustments to be made therein for abstracting and closing costs;
- (2) This Corporation at its option to furnish Purchaser with a Title Guaranty Policy insuring the title for the full amount of the purchase price or with a merchantable abstract of title and to pay for the required Federal Documentary Tax Stamps;
- (3) That the plans and specifications for the proposed construction work which Purchaser intends to have performed for it upon said hereinafter described property will be presented to and approved by the Director of the Physical Plant of this Corporation before Purchaser enters into a contract providing for the construction of the same;
- (4) That the deed providing for conveyance of title to the hereinafter described property to Purchaser shall not be executed or delivered until Purchaser has duly entered into a definite and binding contract providing for the performance of such construction work in accordance with plans and specifications as approved by the Director of the Physical Plant of this Corporation and has furnished this Corporation with a copy satisfactory to this Corporation of such contract;
- (5) Purchase price to be paid in full at the time of delivery of the deed and possession;
- (6) The title to be conveyed to be subject to special assessments becoming a lien after the date hereof, building restrictions and easements of record;
- (7) 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 Purchaser, 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 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 Purchaser title to the following described property, viz:

Situated in the State of Illinois, the County of Champaign and the City of Champaign, and being a part of the NE $\frac{1}{4}$ of the SE $\frac{1}{4}$ of Section 13, Township 19 North, Range 8 East of the Third Principal Meridian, and being also a part of Lot 1 of a subdivision of the South $\frac{1}{2}$ of said Section 13 as recorded in Plat Book A, Page 348, of the records of said County, and being more fully bounded and described as follows:

Beginning at a point 403.4 feet distant south and 150.0 feet distant west from the southwest corner of Armory Avenue and First Street in the City of Champaign, said point being marked with an iron pipe and being also the southwest corner of a tract of land conveyed to Mae Roland by the University of Illinois, as recorded in Deed Book 199, Page 395, of the records of said County; thence in a northerly direction along a line parallel to the west property line of said First Street, a distance of 100.0 feet to a corner, said

corner being marked with an iron pipe; thence in a westerly direction along a line parallel to the south property line of said Armory Avenue, a distance of 60.0 feet to a corner, said corner being marked with an iron pipe; thence in a southerly direction along a line parallel to the west property line of said First Street, a distance of 104.68 feet to a corner, said corner being marked with an iron pipe; thence in an easterly direction along a line parallel to the center line of a University owned street (Gregory Drive extended) a distance of 32.2 feet to a corner, said corner being marked with an iron pipe; thence in a northerly direction along a line parallel to the west property line of said First Street, a distance of 3.5 feet to a corner, said corner being marked with an iron pipe; thence in an easterly direction, along a line parallel to the center line of the said University-owned street, a distance of 8.0 feet to a corner, said corner being marked with an iron pipe; thence in a southerly direction along a line parallel to the west property line of said First Street, a distance of 3.5 feet to a corner, said corner being marked with an iron pipe; thence in an easterly direction along a line parallel to the center line of the said University-owned street, a distance of 169.8 feet to a corner in the west property line of First Street, said corner being marked with an iron pipe; thence in a northerly direction, along the west property line of said First Street, a distance of 5.24 feet to a corner on the west property line of said First Street, said corner being marked with an iron pipe; thence in a westerly direction along a line parallel to the south property line of said Armory Avenue, a distance of 150.0 feet to the place of beginning.

Resolution

WHEREAS, Upsilon Alumni Corporation, an Illinois not-for-profit corporation, whose principal office is at 1111 South First Street, Champaign, Illinois, hereinafter termed "Purchaser," has 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 Purchaser providing for the sale and conveyance to Purchaser of the hereinafter described property upon the following terms and conditions:

- (1) At a sale price of \$6,340 with customary adjustments to be made therein for abstracting and closing costs;
- (2) This Corporation at its option to furnish Purchaser with a Title Guaranty Policy insuring the title for the full amount of the purchase price or with a merchantable abstract of title and to pay for the required Federal Documentary Tax Stamps;
- (3) That the plans and specifications for the proposed construction work which Purchaser intends to have performed for it upon said hereinafter described property will be presented to and approved by the Director of the Physical Plant of this Corporation before Purchaser enters into a contract providing for the construction of the same;
- (4) That the deed providing for conveyance of title to the hereinafter described property to Purchaser shall not be executed or delivered until Purchaser has duly entered into a definite and binding contract providing for the performance of such construction work in accordance with plans and specifications as approved by the Director of the Physical Plant of this Corporation and has furnished this Corporation with a copy satisfactory to this Corporation of such contract;
- (5) Purchase price to be paid in full at the time of delivery of the deed and possession;
- (6) The title to be conveyed to be subject to special assessments becoming a lien after the date hereof, building restrictions and easements of record;
- (7) 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 Purchaser, 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 Purchaser title to the following described property, viz:

Situated in the State of Illinois, the County of Champaign and the City of Champaign, and being a part of the NE $\frac{1}{4}$ of the SE $\frac{1}{4}$ of Section 13, Township 19 North, Range 8 East of the Third Principal Meridian, and being also a part of Lot 1 of a subdivision of the South $\frac{1}{2}$ of said Section 13, as recorded in Plat Book A, Page 348, of the records of said County, and being more fully bounded and described as follows:

Beginning at a point 303.4 feet distant south and 150.0 feet distant west from the southwest corner of Armory Avenue and First Street in the City of Champaign, said point being marked with an iron pipe and being also 100.0 feet distant north from the southwest corner of a tract of land conveyed to Mae Roland by the University of Illinois, as recorded in Deed Book 199, Page 395, of the records of said County; thence in a northerly direction along a line parallel to the west property line of said First Street, a distance of 100.0 feet to a corner, said corner being marked with an iron pipe; thence in a westerly direction along a line parallel to the south property line of said Armory Avenue, a distance of 60.0 feet to a corner, said corner being marked with an iron pipe; thence in a southerly direction along a line parallel to the west property line of said First Street, a distance of 100.0 feet to a corner, said corner being marked with an iron pipe; thence in an easterly direction along a line parallel to the south property line of said Armory Avenue, a distance of 60.0 feet to the place of beginning.

On motion of Mr. Swain, the sale of these properties was authorized and the resolutions were adopted by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Johnston, Mr. Stratton.

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) 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.)

ARIGONI, DUILIO, Visiting Lecturer in Chemistry, February 1-June 15, 1960, \$4500 (12-23-59).

BARTHELEMY, CARL R., Assistant in Radiology (Medicine), one year from September 1, 1959, without salary (12-19-59).

BERLSTEIN, ALFRED, Bibliographer, with rank of Instructor, in the Library, seven months from February 1, 1960, \$7000 a year (12-5-59).

BORBELY, STEPHEN, Research Assistant in Electrical Engineering (S), eight months from January 1, 1960, \$5200 a year, supersedes (12-19-59).

BORNARTH, ROBERT L., Assistant in the Institute of Aviation, February 1-June 15, 1960, \$475 a month (12-23-59).

BRACHMAN, EDWIN F., Assistant in Ophthalmology (Medicine), six months from January 1, 1960, without salary (12-23-59).

BROWN, ROBERT C., Assistant in the Institute of Aviation, February 1-June 15, 1960, \$475 a month (12-23-59).

CARD, LESLIE E., Professor of Animal Science and Group Leader, Regional Agricultural Contract in India, two months from November 1, 1959, \$1362.50 a month; and Professor of Animal Science (C, S), $\frac{1}{2}$ time, eight months from January 1, 1960, \$750 a month, supersedes (12-19-59).

CARROLL, JOHN R., Associate Professor of Mechanical Engineering (C), indefinite tenure beginning September 1, 1959, to render service during each academic year, \$8200, supersedes (1-6-60).

- CHAMBERLIN, R. S., Director of the Division of Campus Development (Physical Plant Department), ten months from November 1, 1959, \$12,900 a year, supersedes nonacademic appointment (12-15-59).
- CHIN, BESSIE, Catalog Assistant in the Library, nine months from December 1, 1959, annual salary \$5000, supersedes (12-15-59).
- COHEN, MARY J., Acquisition Assistant in the Library, seven months from February 1, 1960, \$5000 a year (12-19-59).
- DAVIS, CARL L., Assistant Professor of Nutrition, Department of Dairy Science (C. S.), December 1, 1959-August 31, 1961, \$8000 a year, supersedes (12-15-59).
- ECKERT, WILLFORD J., Extension Specialist in the Division of University Extension, eight months from January 1, 1960, \$6500 a year (12-23-59).
- ERWIN, JOSEPH C., Clinical Instructor in Pathology (Medicine), March 15-August 31, 1960, without salary (12-19-59).
- FLENNER, MRS. JACQUELINE W., Research Assistant in the Digital Computer Laboratory, December 3, 1959-June 15, 1960, \$422.22 a month (1-6-60).
- GORNIK, STEPHEN W., Associate Psychometrist and Research Assistant in the Student Counseling Service (Chicago Undergraduate Division), nine months from December 1, 1959, \$4650 a year (12-15-59).
- GROVE, WILLIAM J., Associate Professor of Surgery (Medicine), indefinite tenure beginning December 1, 1959, \$17,000 a year, supersedes (12-15-59).
- GUTMANN, DAVID L., Clinical Instructor in Psychology, Department of Psychiatry (Medicine), eleven months from October 1, 1959, without salary (12-19-59).
- HANNAH, HAROLD W., Professor of Agricultural Law, and Adviser to Administrator of U. P. Agricultural University, Rudrapur, India, September 1, 1959-February 29, 1960, \$7272.70 for the period; this is in addition to his University of Illinois appointment on indefinite tenure as Professor of Agricultural Law, Department of Agricultural Economics, effective second semester of 1959-60, supersedes (12-24-59).
- HARKIN, DUNCAN A., Research Associate in Forestry (S), nine months from December 1, 1959, \$6200 a year (11-30-59).
- HAYNES, RICHARD P., Assistant in Philosophy, February 1-June 15, 1960, \$400 a month, supersedes (12-24-59).
- HOUGH, JACK L., Professor of Geology and Associate Member in the Center for Advanced Study (Graduate College and College of Liberal Arts and Sciences), six months from March 1, 1960, to render service during the academic year, \$11,000 a year; and Professor of Geology, indefinite tenure beginning September 1, 1960, to render service during each academic year, \$11,000 a year, supersedes (12-18-59).
- HULSEY, MRS. ELIZABETH, Reference Assistant in the Library, nine months from December 1, 1959, \$5000, supersedes (12-15-59).
- KIMMELSHUE, FLORENCE A., Assistant Professor of Home Economics 4-H Club Work (C), two years from September 1, 1959, \$8500, supersedes (12-15-59).
- KUNKLER, DORIS, Research Assistant in Animal Science (S), one year from February 1, 1960, \$4400 (12-15-59).
- LOPEZ-BELIO, MARIANO, Assistant Professor of Surgery (Medicine), $\frac{4}{5}$ time, nine months from December 1, 1959, \$6900, supersedes (12-5-59).
- MACKLER, HYMAN, Research Associate in Preventive Medicine (Medicine), $\frac{1}{2}$ time, eight months from January 1, 1960, \$4020 a year (12-23-59).
- MATTHEW, GUY R., Assistant in Radiology (Medicine), one year from September 1, 1959, without salary (12-19-59).
- MELMAN, MYRON, Research Assistant in the Digital Computer Laboratory, January 18-August 31, 1960, \$645.83 a month (12-30-59).
- METCALF, GARY E., Research Assistant in Forestry (S), eight months from January 1, 1960, \$5200 a year (12-17-59).
- MEYER, FRANCIS A., Assistant in the Institute of Aviation, February 1-June 15, 1960, \$475 a month (12-23-59).
- MEYER, MORGAN M., Clinical Instructor in Medicine (Medicine), November 16, 1959-August 31, 1960, without salary (11-30-59).
- MIRON, MURRAY S., Research Associate in the Institute of Communications Research (College of Journalism and Communications), $\frac{2}{3}$ time, and Instructor in Psychology (College of Liberal Arts and Sciences), $\frac{1}{2}$ time, March 1-August 31, 1960, to render service during the second semester of the academic year, \$500 a month, supersedes (12-19-59).

- NAMBURY, C. N. V., Research Associate in Pharmacy-Chemistry (Pharmacy), nine months from December 1, 1959, \$6000 (12-5-59).
- OLSEN, BARBARA A., Library Assistant, seven months from February 1, 1960, \$416.66 a month (11-30-59).
- PLANTINGA, ALVIN C., Visiting Lecturer in Philosophy, February 1-June 15, 1960, to render service during the second semester of the academic year, \$4200 (12-19-59).
- PLATT, GEORGE M., Research Associate and Staff Counsel for the Municipal Law Codification Project (Institute of Government and Public Affairs), $\frac{1}{2}$ time, one month from January 1, 1960, \$383.34, and on full time for seven months from February 1, 1960, \$766.67 a month (12-23-59).
- POLIDORA, VINCENT J., Research Associate in Psychiatry (Medicine), for ten months from November 1, 1959, without salary (12-15-59).
- RACHER, ALICE B., Physician in the Health Service (Chicago Professional Colleges), $\frac{1}{5}$ time, nine months from December 1, 1959, \$2300 a year, supersedes (12-15-59).
- REDDY, JOSINA VAN DER MAAS, Research Associate in Chemistry, $\frac{1}{2}$ time, nine months from December 1, 1959, annual salary \$2750 (12-18-59).
- REDDY, THOMAS B., Research Associate in Chemistry, nine months from December 1, 1959, \$5500, supersedes (12-18-59).
- REYNOLDS, SARRON L., Assistant Reference Librarian, with rank of Instructor, nine months from December 1, 1959, \$6100 a year, supersedes (12-15-59).
- ROBERTS, DON D., Assistant in Philosophy, February 1-June 15, 1960, \$400 a month, supersedes (12-24-59).
- ROBINSON, WILFRED K., Assistant in the Institute of Aviation, February 1-June 15, 1960, \$475 a month (12-23-59).
- ROSENBERG, MARVIN S., Clinical Assistant in Medicine (Medicine), one year from September 1, 1959, without salary; on leave of absence for military service (11-30-59).
- RUBINSTEIN, MRS. VIRGINIA, Serials Assistant in the Library, nine months from December 1, 1959, \$5000 a year, supersedes (12-15-59).
- RUSSMAN, BURTON A., Clinical Instructor in Ophthalmology (Medicine), nine months from December 1, 1959, without salary (12-23-59).
- SARKISSIAN, JOHN L., Instructor in Biological Sciences (Chicago Undergraduate Division), five months from September 1, 1959, to render service during the first semester of the academic year, \$450 a month (12-5-59).
- SCHOONOVER, DAVID M., Assistant in Agricultural Economics (Marketing) (S), December 16, 1959-August 31, 1960, \$4880 a year (12-19-59).
- SEIDEL, MICHAEL C., Research Associate in Chemistry, one year from March 16, 1960, \$5500 (12-2-59).
- SEVERSON, ROBERT F., JR., Student Counselor in the College of Commerce and Business Administration, $\frac{1}{2}$ time, December 1, 1959-June 15, 1960, \$200 a month; this is in addition to his $\frac{1}{4}$ time Assistantship in Economics (1-4-60).
- SHAH, SHANTILAL N., Research Assistant in Animal Science (S), ten months from November 1, 1959, \$5000 a year (12-15-59).
- SHANNON, ROBERT D., Research Associate in Ceramic Engineering (S), $\frac{3}{4}$ time, October 5, 1959-January 31, 1960, \$375 a month, supersedes (12-19-59).
- SHTOHRYN, DMYTRO M., Cataloger, with rank of Instructor, in the Library, seven months from February 1, 1960, annual salary \$6500 (12-15-59).
- SLATER, J. MARLOWE, Associate Professor of Education on indefinite tenure, beginning January 1, 1960, and Director of the Office of Teacher Placement on the University Council on Teacher Education, Placement and Follow-Up, January 1, 1960-August 31, 1961, annual salary \$11,050, supersedes (12-1-59).
- TARZYNSKI, MARIAN S., Assistant in Medicine, one year from July 1, 1959, without salary (12-5-59).
- TRIPLEHORN, MRS. JULIA H., Reference Assistant in the Library, seven months from February 1, 1960, annual salary \$5000 (12-15-59).
- TSUNODA, EMIKO, Research Assistant in the Institution for Tuberculosis Research, December 16, 1959-August 31, 1960, \$4800 a year (12-19-59).
- TVETEN, MRS. GLORIA A., Assistant in Education (University High School), January 1-June 15, 1960, \$400 a month (12-2-59).
- WERNER, JOYCE C., Assistant Reference Librarian, with rank of Instructor, nine months from December 1, 1959, \$6100, supersedes (12-15-59).

- WINCHELL, H. H. FORSYTH, Assistant in Radiology (Medicine), one year from September 1, 1959, without salary (12-19-59).
YOUNG, MONTAGUE A., Research Assistant in Pedodontics (Dentistry), eight months from January 1, 1960, \$4400 a year (12-23-59).
ZAHEER, ARSHAD KHWAJA, Assistant in Radiology (Medicine), one year from September 1, 1959, without salary (12-23-59).
ZAYAS, AGENOR MANUEL, Research Assistant in Physical Medicine and Rehabilitation (Medicine), January 4-August 31, 1960, \$4800 a year (12-19-59).

GRADUATE FELLOWS

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

- ADLER, WILLIAM M., United States Public Health Service Fellow (Trainee) in Ophthalmology (Chicago Professional Colleges), six months from January 1, 1960, \$200 a month (12-17-59).
BLYLER, GEORGE E., Mathematics Institute Fellow in Mathematics, September 10, 1959-August 13, 1960, \$4325.44, supersedes (12-21-59).
FAVATA, JAMES, United States Public Health Service Medical Student Part-time Research Fellow in the Chicago Professional Colleges, nine months from September 16, 1959, \$600 (12-17-59).
GREEN, CHARLES R., Kendrick C. Babcock Teaching Fellow in Political Science, nine months from September 16, 1959, \$1450, supersedes (12-23-59).
HALE, RALPH, United States Public Health Service Medical Student Part-time Research Fellow in the Chicago Professional Colleges, nine months from September 16, 1959, \$600 (12-17-59).
HOLZBERG, DONALD J., United States Public Health Service Fellow (Trainee) in Ophthalmology (Chicago Professional Colleges), six months from January 1, 1960, \$200 a month (12-17-59).
HONIG, GEORGE, United States Public Health Service Medical Student Part-time Research Fellow in the Chicago Professional Colleges, nine months from September 16, 1959, \$600 (12-17-59).
JANKOWSKI, GERALD, United States Public Health Service Medical Student Part-time Research Fellow in the Chicago Professional Colleges, nine months from September 16, 1959, \$600 (12-17-59).
LYLE, JACK G., Ford Foundation Postdoctoral Fellow in the Institute for Research on Exceptional Children, six months from February 1, 1960, \$416.66 a month (12-24-59).
MEYERS, STUART, United States Public Health Service Medical Student Part-time Research Fellow in the Chicago Professional Colleges, nine months from September 16, 1959, \$600 (12-17-59).
MURRAY, ELLIOTT C., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one year from September 1, 1959, \$2400 (11-17-59).
NACHAZEL, DELBERT, JR., United States Public Health Service Fellow (Trainee) in Ophthalmology (Chicago Professional Colleges), six months from January 1, 1960, \$200 a month (12-17-59).
RAAB, GEORGE H., United States Public Health Service Fellow (Trainee) in Ophthalmology (Chicago Professional Colleges), six months from January 1, 1960, \$200 a month (12-17-59).
ROBBINS, JOSEPH M., United States Public Health Service Fellow (Trainee) in Ophthalmology (Chicago Professional Colleges), six months from January 1, 1960, \$200 a month (12-17-59).
SCHWERDT, RICHARD F., United States Public Health Service Fellow (Trainee) in Ophthalmology (Chicago Professional Colleges), six months from January 1, 1960, \$200 a month (12-17-59).
WILSON, STUART D., United States Public Health Service Medical Student Part-time Research Fellow in the Chicago Professional Colleges, nine months from September 16, 1959, \$600 (12-17-59).

RESIGNATIONS AND DECLINATIONS

- ALIMCHANDANI, H. R., Research Assistant in Animal Science (S) — declination effective February 1, 1960.

- ANDREWS, CHARLES B., Instructor in Orthopaedics, in the Department of Orthopaedic Surgery, and Orthopaedist in the Respiratory Center (Medicine) — resignation effective December 7, 1959.
- BADNER, MINO, Fellow in Art — resignation effective December 1, 1959.
- BARKER, MRS. CAROLINE J., Serials Cataloger, with rank of Instructor, in the Library — resignation effective January 1, 1960.
- BASSETT, C. GREGORY, Associate Professor of City and Regional Planning — resignation effective March 1, 1960.
- BENZIES, SANDRA J., Instructor in Occupational Therapy (Medicine) — resignation effective January 1, 1960.
- BLANKENSHIP, VORRIS J., IBM Fellow in Statistics (Data Processing) — resignation effective November 1, 1959.
- CHONG, ELAINE, Assistant in Psychiatry (Medicine) — resignation effective November 15, 1959.
- FALLS, HUGH C., Physician in the Health Service (Chicago Professional Colleges) — resignation effective December 26, 1959.
- HILSDORF, HUBERT, Research Associate in Theoretical and Applied Mechanics (S) — resignation effective December 13, 1959.
- HUGHES, MARCIA G., Clinical Instructor in Psychiatry (Medicine) — resignation effective November 1, 1959.
- LENNOX, EDWIN S., Associate Professor of Biological Chemistry — resignation effective March 1, 1960.
- MURRAY, ELLIOTT C., Assistant in Psychiatry (Medicine) — resignation effective September 1, 1959.
- PAGE, DONALD M., Assistant in the Institute of Aviation — resignation effective December 19, 1959.
- REICH, CLAUDE V., Instructor in Microbiology (Medicine) — resignation effective January 1, 1960.
- ROSE, S. MERYL, Professor of Zoology — resignation effective September 1, 1960.
- SALMON, HONORA E., Instructor in Occupational Therapy (Medicine) — resignation effective January 1, 1960.
- SIEVERS, MRS. JOANN, Instructor in Home Economics 4-H Club Work (E) — resignation effective January 1, 1960.
- THOMAS, MRS. RUTH G., Assistant in Physical Education for Women (Chicago Undergraduate Division) — resignation effective February 1, 1960.
- WIGDERSON, HARRY I., Instructor in Education — resignation effective January 1, 1960.
- WORTHINGTON, JOHN H., Manager of Public Information Office (Chicago Professional Colleges) — resignation effective February 11, 1960.

LEAVES OF ABSENCE

- RUINA, JACK P., Professor of Electrical Engineering, and Research Professor in the Coordinated Science Laboratory, College of Engineering — extension of leave of absence, without pay, for seven months from February 1, 1960.

RETIREMENT

- HAINES, W. T., Assistant in Animal Nutrition, *Emeritus*, effective January 1, 1960.

FEBRUARY AND MARCH MEETINGS

The Board had previously voted to hold its February meeting on Wednesday, February 24, 1960, in Urbana, Illinois.

On motion of Mr. Swain, the Board voted to change the date of the annual meeting from March 8, 1960, the second Tuesday, to Wednesday, March 16, 1960, to be held in Chicago at an hour and place to be determined by the President 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 24, 1960



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 24, 1960, beginning at 2:00 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. George T. Wilkins, Mr. Kenney E. Williamson. Mr. Wirt Herrick and Governor William G. Stratton were absent.

Also present were President David D. Henry, Vice-President and Provost Gordon N. Ray, Dr. H. E. Longenecker, 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. Joseph S. Begando, Assistant to the President, Mr. V. L. Kretschmer, Director of Auxiliary Services, Mr. C. E. Flynn, Director of Public Information; and the officers of the Board, Mr. C. W. Weldon, Treasurer, Mr. H. O. Farber, Comptroller, and Mr. A. J. Janata, Secretary.

COMMITTEE MEETINGS

Meetings of the Board's Committees on General Policy, Buildings and Grounds, Finance, and Chicago Departments were held in the forenoon beginning at 9:00 a.m. and again beginning at 3:30 p.m., following the Board meeting.

ADDRESS BY PROFESSOR NORMAN A. GRAEBNER

During the luncheon recess, following Board committee meetings, Dr. Norman A. Graebner, Professor of History and Chairman-elect of the Department of History, addressed the Board, discussing the work and goals of the Department.

MINUTES APPROVED

The Secretary presented the minutes of the meetings of the Board of Trustees on July 21, September 16, October 21, and November 18, 1959, press proof copies of which had been previously been sent to the Board.

On motion of Mr. Johnston, these minutes were approved as printed on pages 559 to 1089, 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 November, 1959, and who have fulfilled all other legal requirements under Sections 1, 2, and 3 of the Illinois Accountancy Act of 1943, as amended:

BYRLE MARSH ABBIN (Evanston)	JOHN MILLER BROWN (Berwyn)
EDWARD MICHAEL ABRAMS (Chicago)	GEORGE NICKOLAS CAPPADAIS
MAX JAMES ADLER (Chicago)	(Norridge)
GEORGE E. ALLEN (Chicago)	NORBERT FRANCIS CHANDLER
WILLIAM ANTHONY AMELING	(Marengo)
(Deerfield)	MICHAEL CHEMERS (Skokie)
JOSEPH MARTIN ANTOSZ (Chicago)	SAMUEL JOSEPH CHIPRIN (Chicago)
CHARLES DAVID BAILIN (Chicago)	KENNETH EUGENE CHRISTIAN
JOHN CHARLES BALOUN (Chicago)	(Springfield)
DALLAS EARL BANDY (Belleville)	DANIEL JAMES CIECKO (Chicago)
ARNOLD RICHARD BARNETT (Chicago)	JERRELL DALE CLARK (Chicago)
GENE JOSEPH BARONI (Berwyn)	HOWARD RONALD COHEN (Chicago)
PATRICK JOHN BARRETT (Evergreen	THOMAS FRANCIS CONROY, JR.
Park)	(Chicago)
LUCIEN RAYMOND BATTIATO (Chicago)	HAROLD EUGENE CORTWRIGHT
ARTHUR CHARLES BAUMANN, JR.	(Riverside)
(Lombard)	WILLIAM RICHARD COTTLE (Glencoe)
THOMAS HOWARD BEECHY (Chicago)	ROYAL LEE COX (Chicago)
ALLAN EDWARD BIBLIN (Chicago)	LUTHER DEARBORN, JR. (Evanston)
BRUCE HOWARD BLOCK (Chicago)	RUSSELL GLENN DEYONG (Chicago)
PHILIP BLOCK (Chicago)	THOMAS ALBERT DONAHOE (Evanston)
DAN SCHUMPERT BLOUNT (Lisle)	RAYMOND HENRY DOWNEY, JR.
WILLIAM HENRY BOBSIN, JR. (Chicago)	(Decatur)
MARTIN LEE BOGOT (Chicago)	ROGER LYLE DUTSMAN (Dixon)
JAMES ROCKNE BOOTH (Chicago)	ROBERT JOHN EDWARDS (Peoria)
MARVIN BORNSTEIN (Chicago)	RAYMOND CLYDE EGGLESTON (Oak
DANIEL CLAYTON BRABEC (Oak Park)	Lawn)
JAMES JOHN BRICE (Arlington Heights)	GENE RUSSELL EHLEN (Pontiac)
GERALD EARL BROWN (Urbana)	CHARLES ROBERT ENEVER (Chicago)

- EARL DAVID EPSTEIN (Glenview)
 DAVID LEE FAGEN (Chicago)
 DANIEL ROY FELDMAN (Skokie)
 JAMES WILLIAM FENNER (Chicago)
 LIBORIO JACK FERRACANE (Elmwood Park)
 MIKLOS CHARLES FERTSEK (Chicago)
 RALPH SAMUEL FINE (Chicago)
 MARVIN EUGENE FINN (Des Plaines)
 THOMAS PETER FLEMING, JR. (Chicago)
 NORMAN PHILIP FOSTER (Chicago)
 ALAN ARTHUR FOX (Chicago)
 JOHN CLEMENT FRIEDEN (Moline)
 HAZEL HOFFMAN FRIGERIO (Willow Springs)
 JAMES RONALD GABBARD (Oak Park)
 WILLARD HAROLD GALLIART (Chicago)
 JOHN ALFRED GARDA (Addison)
 JOHN ELROY GESSERT (Arlington Heights)
 LAWRENCE PATRICK GLASCOTT, JR. (Chicago)
 JERRY LEON GOLDBERG (Chicago)
 RAYMOND GOLDFARB (Chicago)
 FRED LOUIS GOLDMAN (Chicago)
 SOL GOLDMAN (Chicago)
 JULIAN IRVING GOLLAY (Chicago)
 HAROLD GOODMAN (Chicago)
 MORTON HERBERT GOODMAN (Lincolnwood)
 JOSEPH SANFORD GRAY (Chicago)
 KENNETH VIRGIL GRAY (Decatur)
 RONALD GREENBERG (Chicago)
 SYLVAN RAY GROSS (Chicago)
 DONALD JAMES GROSSMAN (Evanston)
 ORIN ROSS GRUBER (River Forest)
 ROGER WILLIAM GRUNDSTROM (Chicago)
 VINCENT ALOYSIUS GUEST (Chicago)
 WILLIAM BERNARD HAASE (Chicago)
 RICHARD HANSEN (Itasca)
 ROBERT CHESTER HARTMANN (Chicago)
 DANIEL MILLER HEALY (Arlington Heights)
 CLIFFORD STANLEY HICKS (Elmhurst)
 WAYNE MELVIN HIGLEY (Urbana)
 GERARD CHARLES HILLSMAN (Evanston)
 RICHARD MARVIN HIRSCH (Chicago)
 STANLEY HOFFMAN (Chicago)
 RAYMOND PATRICK HORAN (Chicago)
 SHELDON YEU HOWARD (Chicago)
 DELES DERNIER INGWERSON (Glenview)
 LESLIE JACOB (Maywood)
 CALVERD FALK JACOBSON (Chicago)
 GEORGE WILLIAM JAMES (Oak Park)
 WILLIAM JAMES JOHNSON (Chicago)
 JOHN HENRY JONES, JR. (East St. Louis)
 ISADORE KACSH (Chicago)
 GERALD KAPLAN (Chicago)
 NOEL KAPLAN (Chicago)
 JOSEPH GEORGE KASKI, JR. (Riverside)
 MELVIN LEROY KATTEN (Chicago)
 ROBERT JOHN KAUTZI (Niles)
 PAUL KESSLER (Chicago)
 MORRIS MAX KLAIMAN (Chicago)
 CHARLES MILTON KLEIM (Chicago)
 WALTER HARRY KLEINSTEIN (Skokie)
 PAUL CLETUS KRAFFL (Chicago)
 ROBERT JAMES KRUEGER (Chicago)
 GEORGE THEODORE KUTSUNIS (Rock Island)
 ALAN BUDWORTH LANGE (Morton Grove)
 THOMAS DOMINICK LAROCCA (Chicago)
 LAWRENCE EVERETT LARSEN (Chicago)
 EDWARD DEYO LEFEVRE (Peoria)
 JAMES GLASSMAN LERNER (Chicago)
 VICTOR ALAN LEVI (Chicago)
 BARRY LEVITT (Chicago)
 RALPH INGOLF ISAAK LEWY (Chicago)
 ANDREA LEE LIDSKY (Chicago)
 LORNE MERRIT LOCKER (Roselle)
 HILLARD IRWIN LOVETT (Chicago)
 FRANK GILBERT LOWNDS (Des Plaines)
 THOMAS JOSEPH LYDON, JR. (Chicago)
 KENNETH ALLEN MacKENZIE (Chicago)
 SHERWIN SAMUEL MALIS (Chicago)
 JUDD DAVID MALKIN (Chicago)
 JEROME DAVID MALLER (Chicago)
 GEORGE GUST MARINAKIS (Chicago)
 BERYL WAYNE MARKWELL (Berwyn)
 DAVID HAYNER MARSHALL (Brookfield)
 JACK VINCENT McAVINCHEY (Westmont)
 FREDERICK ALBERT MESENBRINK (Villa Park)
 DONALD CARL MESSNER (Rockford)
 LAURANCE JOSEPH MEYER (Chicago)
 LEROY WALTER MEYER (Chicago)
 HAROLD JOHN MILLER (Chicago)
 ROBERT PAUL MINTZ (Chicago)
 JOSEPH HENRY MOEHLHOF (Peoria)
 RICHARD ADRIAN MORAN (Chicago)
 ALVIN WILLIS MOUSHON (Pekin)
 ROBERT JOHN NEARY (Peoria)
 WALTER JOSEPH NEWTON (Oak Park)
 GALE DWIGHT NISSLY (Waukegan)
 BERTIL DONALD NORDIN (Morton Grove)
 STEPHEN JOSEPH O'CONNOR (Chicago)
 JOHN REX ODOM (Elmhurst)
 WILLIAM ROBERT OHLSEN (Peoria)
 ROBERT JOSEPH OSWALD (Mount Prospect)
 DONALD CHARLES PETERSON (Chicago)
 BERNARD PIERCE (Chicago)
 RAYMOND WESLEY PITCHFORD (Nashville)
 HAROLD LEWIS PORTER (Springfield)
 ROY EDWARD POSNER (Villa Park)
 DAVID CHARLES RANNEY (Lombard)
 WILLIAM THOMAS REES (Chicago)
 ROBERT EARL REICHOW (Barrington)
 JERRY MICHAEL REINSORF (Chicago)
 EUGENE FREDERICK RETZER (Peoria)

NORMAN DANIEL RICH (Chicago)	EDWARD JERRY TAYLOR (Peoria)
FREDERICK JEROME RICHTER (Chicago)	ARTHUR JEWELL TOLBERT (Mount Carmel)
FRED EDWARD ROSENTHAL (Chicago)	RAYMOND FRANCIS VAN DE WEGHE (Oak Park)
EMIL ELMER ROULD (Berwyn)	RICHARD AXEL VIKANDER (Westchester)
CLYDE STEVENSON ROWLEY, JR. (Oak Park)	VINCENT JAMES VIRRUSO (Cicero)
SHELDON BERNARD RUBIN (Chicago)	CHARLES RUDOLPH VLK, JR. (Evergreen Park)
MARVIN LAWRENCE SACHS (Chicago)	JOHN PAUL VOLKMAN (Chicago)
PAUL THEODORE SACHS (Chicago)	KENNETH LEE VON BEHREN (Chicago)
EUGENE JOHN SCHORB (Columbia)	RAYMOND EDWARD VOROS (Chicago)
EUGENE GORDON SEMMEN (Chicago)	DELBERT JOHN WACKER (Westchester)
ALLEN DAVID SERED (Chicago)	JOHN EDWARD WATSON (Blue Island)
JOHN ROBERT SIDENSTICK (Chicago)	DAVID EARL WEGMAN (Aurora)
ROBERT SILVER (Evanston)	STUART MELVYN WEIS (Skokie)
HOWARD BURTON SILVERMAN (Skokie)	ALLEN DAVID WEISS (Chicago)
HOWARD JAY SILVERSTONE (Chicago)	JERRY WEISS (Chicago)
JOHN THOMAS SLATTERY (Chicago)	WILLIAM HALLECK WELDON (Oak Park)
DAVID ERLE SMITH (Decatur)	ROBERT ELLWOOD WRIGHT (Berwyn)
EDWARD JAMES SMITH (Chicago)	LAWRENCE NORTON WRISLEY, JR. (Chicago)
JOE LUTHER SMITH (LaGrange)	CARLYLE CLARKE WULFF, JR. (Villa Park)
DONALD RAY SNYDER (Kankakee)	VIRGIL EUGENE WUTHRICH (Chicago)
GILBERT JOSEPH SPENCER (Mount Prospect)	ALFRED BERNARD YABLON (Chicago)
MATTHEW EDWARD STALA (Bellwood)	NORBERT JOSEPH ZABINSKI (Wilmette)
FREDERIC JOHN STEGGERDA (Berwyn)	
JOHN RAYMOND STONE (Chicago)	
DONALD FRANKLIN STORM (Urbana)	
FRANCIS JEROME SWEENEY (Chicago)	
MAX EDMUND TARBLE (Paris)	

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>
WELTY CLYDE HOSPITAL, JR.	Park Ridge	District of Columbia
JOHN HENRY KOLHOVEN	Wheaton	Ohio
MELVIN DEWEY MOERSH	Mount Vernon, New York	New York
PHILLIP KENNETH SEIDMAN	Memphis, Tennessee	Michigan
ROBERT LEO SPENCER	Los Angeles, California	New York

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. MAGNUS AGUSTSSON, Clinical Assistant Professor of Pediatrics, beginning January 1, 1960, without salary (DY).
2. JOHN H. BIEL, Lecturer with rank of Assistant Professor, in the Department of Psychiatry, College of Medicine, beginning January 1, 1960, on 15/100 time, at an annual salary of \$1,800 (DY15).
3. ROY M. HAMLIN, Professor of Psychology, beginning February 1, 1960, on one-third time, at an annual salary of \$3,600 (E33).
4. ESTEL B. PENROD, Visiting Professor of Mechanical Engineering, for the academic year 1960-61, at a salary of \$13,000 (E).
5. STANLEY W. RAHN, Assistant Director of Housing for Counseling and Residence Operations, in the Housing Division, beginning February 1, 1960, at an annual salary of \$8,970 (DY).

6. DIEGO SEGRE, Professor of Veterinary Microbiology and Public Health, in the Department of Veterinary Pathology and Hygiene, and in Veterinary Research, Agricultural Experiment Station, beginning February 1, 1960, at an annual salary of \$11,500 (AY).
7. PAUL D. SHAW, Assistant Professor of Plant Pathology, beginning July 1, 1960, at an annual salary of \$8,000 (BY).
8. ROMAN TOTENBERG, George A. Miller Visiting Professor of Music, for the academic year 1960-61, at a salary of \$11,500 (E).

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

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, 1960, and nominations for reappointments for a period of three years from January 1, 1960, of a number of members whose terms have expired.

New Appointments

JOHN D. AMES
Partner, Bacon, Whipple and Company
135 South LaSalle Street, Chicago 3

ALFRED BENESCH
Consulting Engineer, Alfred Benesch
and Associates
10 South Wabash Avenue
Chicago, 3, Illinois

G. W. BOHANNON
President, The Pullman Company
165 North Canal Street
Chicago 6, Illinois

S. G. BURRITT
President, Starline Ink
Harvard, Illinois

WAYNE CLEMENS
Assistant Attorney General, State of
Illinois
Box 275
Golconda, Illinois

ROBERT M. COLE
Executive Director, Illinois Association
of School Boards
223½ East Washington Street
Springfield, Illinois

ARTHUR J. CORDING, Farmer
Route 1, Box 43
Galena, Illinois

MARK COX
Vice-President in charge of Sales and
Marketing, Golfcraft, Inc.
7059 West Addison Street
Chicago 34, Illinois

OLIVER C. DAGGERT
President, The National Bank of
Sterling
24 East Third Street
Sterling, Illinois

STEWART D. DANIELS
Executive Secretary, Alpha Tau
Omega Fraternity
627-629 East Green Street
Champaign, Illinois

JOSEPH M. DAVID
President, The Lewie David Company
P.O. Box 272
Sullivan, Illinois

W. M. DILLON
President, Northwestern Steel and
Wire Company
Sterling, Illinois

JOHN D. DOUGLAS
401 North Main
Benton, Illinois

HAROLD D. DUFLOTH
General Manager, Illinois Gas Com-
pany
1307 Seventeenth Street
Lawrenceville, Illinois

FRED T. EHLERT
Division Superintendent, Acme Steel
Company
201 West 146th Street
Riverdale 27, Illinois

DR. LESTER E. FISHER, Veterinarian
238 North Delaplane Road
Riverside, Illinois

CHARLES W. FURST
President, Furst-McNess Company
120 East Clark Street
Freeport, Illinois

HOMER B. HARRIS, JR., Attorney
Griesheim Building
Lincoln, Illinois

B. W. HEINEMAN
Chairman, Chicago and North Western
Railway Company
400 West Madison Street
Chicago 6, Illinois

LEONARD HICKS
Vice-President and Managing Director,
Pick-Congress Hotel
Chicago, Illinois

JUDGE WILLIAM J. HILL
County Judge
Toledo, Illinois

A. EMANUEL JOHNSON, Farmer
Route 2
Aledo, Illinois

LEO KNUFF
Insurance and Variety Store Owner
208 Fourth Street
Vienna, Illinois

WILLIAM J. KUHFUSS
President, Illinois Agricultural
Association
43 East Ohio Street
Chicago 11, Illinois

O. J. LERE
Publisher, *The LeRoy Journal*
110 South Daniel Street
LeRoy, Illinois

DR. LESTER O. LITTLE
Superintendent of Schools
Twelfth and Maine
Quincy, Illinois

IRL C. MARTIN
President and Chairman of the Board,
Woodward Governor Company
5001 North Second Street
Rockford, Illinois

STANLEY PARGELLIS
Librarian, The Newberry Library
60 West Walton Street
Chicago 10, Illinois

MRS. RALPH PEAK
Winchester, Illinois

JAMES E. RUTHERFORD
Vice-President in charge of Mid-
America Operations, Prudential In-
surance Company of America
Prudential Plaza
Chicago 1, Illinois

ROBERT W. SINK
Editor, *Champaign-Urbana Courier*
214 West Vermont Street
Urbana, Illinois

STANTON K. SMITH
President, Smith Oil and Refining
Company
1102 Kilburn Avenue
Rockford, Illinois

RAYNOR F. STURGIS, JR.
Vice-President, Pure Oil Company
(Chicago)
209 South River Street
Geneva, Illinois

WILBOR M. SUTHERLAND, Farmer
McNabb, Illinois

CHARLES M. ZIPPRODT
Managing Secretary, Association of
Commerce
Urbana, Illinois

Reappointments

EUGENE ABEGG
President, Illinois National Bank and
Trust Company
230 South Main Street
Rockford, Illinois

ELMER AIRHART
Farmer
Route 1, Box 121
Savanna, Illinois

VAUGHN ANDERSON
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Rushville, Illinois

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Vice-President, United States Steel
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208 South LaSalle Street
Chicago 4, Illinois

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President, Museum of Science and
Industry
57th Street and South Lake Shore
Drive
Chicago 37, Illinois

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Farmer
Manito, Illinois

LAWRENCE MC MANUS
Livestock and Grain Farmer
Reynolds, Illinois

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Streator, Illinois

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Chicago 10, Illinois

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Consulting Engineer
330 Cottage Hill Avenue
Elmhurst, Illinois

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Feed Mill Owner
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Princeton, Illinois

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ing Company
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Association of Machinists
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Sycamore, Illinois

BURRELL L. SMALL
Newspaper Publisher and Radio Station
Manager
Kankakee Daily Journal
Kankakee, Illinois

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Publisher
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and Company
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President, First Federal Savings
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PETER VOGEN
Farmer
Newark, Illinois

G. J. WILLINGHAM
President and General Manager, Peoria and Pekin Union Railway Company
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Chicago 90, Illinois

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

CHANGES IN STUDENT FEES

(4) The Committee on Fees recommends the following changes in fees, effective September, 1960:

1. Laboratory, Library, and Supply Fee at Urbana-Champaign and at the Chicago Undergraduate Division, increase from \$10.00 to \$12.00 a semester,
2. Discontinuance of the University High School Tuition Fee of \$25.00 a semester,
3. Establishment of a Student Activity Fee of \$7.00 a semester at the University High School.

The fees for the Summer Session will be half these amounts. Students carrying eight semester hours of undergraduate or two units of graduate work or less in a semester (four hours or one unit or less in the Summer Session) will be charged one-half the Laboratory, Library, and Supply Fee.

The Laboratory, Library, and Supply Fee was set at \$11.00 in 1953 and was reduced to \$10.00 in 1959 when the Hospital-Medical-Surgical Insurance Fee was increased by one dollar. The increase now proposed is proportionately somewhat less than the general increase in the price level of laboratory materials and supplies, but the two-dollar adjustment is considered adequate at this time.

The University High School is a laboratory, hence it is desirable to have pupils of various aptitudes and talents. Elimination of the tuition fee is recommended so that gifted children from families of low economic status can be included in the program. Laboratory schools in other state-supported institutions of higher education in Illinois do not charge tuition, and a similar practice is followed in other states.

The University High School Student Activity Fee will eliminate the sale of activity tickets, ticket sales at plays and athletic events, sales at the school store and carnival, and sale of advertising in the yearbook. Outside support is available to take care of the fee for pupils from families in low income brackets.

¹ concur.

On motion of Mr. Clement, these changes in fees were approved as recommended.

REQUIREMENTS FOR ADMISSION TO COLLEGE OF MEDICINE

(5) The Chicago Professional Colleges Senate, with the concurrence of the

Urbana and Chicago Undergraduate Division Senates,¹ recommends the following changes in existing admissions requirements for entrance to the College of Medicine:

An increase in the total number of semester hours of premedical college work from eighty-eight to ninety-four semester hours.

A change in specific course requirements to include the study of nuclear physics, and the addition of six hours in one subject-matter area in advanced (junior and senior) undergraduate courses not presently included in the specified requirements in chemistry, physics, biology, English, foreign language, social sciences, and humanities. The number of electives permitted, twenty-eight semester hours, remains the same.

The objectives of this change are to assure that students planning to study medicine are provided adequate preparation in certain sciences on which the medical curriculum is based, a breadth of education, particularly in nonscience areas, and depth in education in at least one subject-matter area.

It is proposed that this change become effective for students beginning their premedical studies in September, 1962.

A supporting memorandum giving the details of these changes and a statement from the Dean of the College of Medicine is submitted herewith, and a copy is being filed with the Secretary of the Board for record.

I concur in these recommendations.

On motion of Mrs. Watkins, this recommendation was approved.

LEASE OF SPACE FOR AGRICULTURAL EXTENSION SERVICE

(6) The Director of the Agricultural Extension Service and the Vice-President and Comptroller recommend the lease of Suite 301-303 in the 188 Randolph Tower Building, Chicago, from March 1, 1960, to June 30, 1961, at a rental of \$300 and \$450 a month. Since the space will not be completely used prior to July 1, the rental for the first four months has been reduced to \$300 a month. The space will be occupied by the 4-H Club staff which will be expanded through private contributions obtained through the Steering Committee for Urban 4-H Club Work. The rental will also be paid from these funds after July 1, 1960, and from federal extension funds prior to July 1.

I concur.

On motion of Mr. Johnston, this lease was authorized.

REASSIGNMENT OF FUNDS

(7) On July 29, 1959, the Board of Trustees approved several appropriations to provide additional classroom space for the College of Liberal Arts and Sciences, one item of which was \$29,500 for remodeling in the Natural History Building.

The cost of the work was less than estimated, and the Vice-President and Provost and the Vice-President and Comptroller recommend that \$5,425 of this amount be reassigned for remodeling in Davenport Hall and in the Woodshop to provide two additional classrooms.

On motion of Mr. Harewood, this reassignment 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. Stratton.

SPECIAL APPROPRIATIONS

(8) The Vice-President and Provost and the Vice-President and Comptroller recommend the following assignments from the General Reserve:

Remodeling in the Physics Laboratory to provide additional laboratory space for the Departments of Physics and of Mining and Metallurgical Engineering	\$13 640
Equipment for producing liquid nitrogen.....	5 000
To be supplemented by \$15,000 from funds budgeted for assignment	

¹ The Senate Committee on Educational Policy, acting for the Urbana-Champaign Senate on this matter, has approved the change and has advised that in its judgment action by the Urbana-Champaign Senate is not required.

by the University Research Board, and approximately \$11,000 from reserves for replacement of liquid nitrogen facilities.

Repairs and initial maintenance on property at 1207 West Stoughton Street, Urbana	3 572
An annual recurring assignment for operation and future maintenance of this property	2 375
Remodeling in Illini Hall for safety improvements and additional office space.....	8 000
Remodeling in Arcade Building and Illini Hall to provide additional space for Statistical Service Unit.....	68 000
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. Stratton.

ENGINEERING SERVICES FOR IMPROVEMENTS IN UPPER EMBARRASS RIVER DRAINAGE DISTRICT

(9) Landowners in the Upper Embarrass River watershed, south of and adjacent to University property in the area, have instituted proceedings to organize the "Upper Embarrass River Drainage District" and to improve the main channel of this river from the Philo Road north and northwest into and through University property along the west fork of the channel. There are approximately 14,400 acres in the drainage area, but for the present the District will include approximately 9,866 acres of which 1,280 acres are University property. The balance may later be annexed to the District.

The proposed construction will be 33,000 feet of ditch improvement, approximately 12,000 feet across University property, and the underpinning or rebuilding of bridge structures. Preliminary estimates of cost are \$264,000 of which the University's proportionate share would be \$93,000, the city of Urbana's share would be \$21,000, and the cost to the District would be \$150,000.

Need for this improvement is of long standing, and it will be of benefit to the University if adequately engineered. It would provide an outlet for the University's proposed southwest campus storm sewer and the southwest campus storm sewer to be constructed in cooperation with the city of Urbana.

The Director of the Agricultural Experiment Station, the Director of the Physical Plant, and the Vice-President and Comptroller recommend that the University participate and share in the cost of this improvement provided that:

1. The University's participation and share in the cost will be on a contractual basis and subject to availability of funds. (No funds are currently available.)
2. The extent of the University's participation and share in the cost will be based on an independent engineering analysis of the design of the improvements to be made, the anticipated benefits to the University, the reasonableness of cost of the improvements, and the equitable distribution of the cost.
3. The report of the engineers for the District, including plans, specifications, and estimates to be filed with the County Court, will be available to the University for review.

It is further recommended that the firm of Wilson and Anderson, Champaign, be employed by the University to make an independent engineering analysis of the project and the proposed improvements, these services to include (a) general review of information now available pertaining to the proposed District and its relation to University properties; (b) a review and analysis of the proposed improvements to evaluate the total and comparative benefits to University properties; (c) a report of findings under (a) and (b) together with recommendations for and assistance in negotiation of an agreement with the District; and (d) expert witness testimony or other technical assistance as may be authorized by the University. The estimated cost of these services will be \$1,500.

The Committee on Buildings and Grounds has reviewed these recommendations and is prepared to support them.

I concur and recommend an assignment of \$1,500 from the General Reserve for these services.

On motion of Mr. Hughes, 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. Herrick, Mr. Stratton.

**CONTRACTS FOR FOOD SERVICE EQUIPMENT
IN MEN'S RESIDENCE HALLS**

(10) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$261,646 to the Illinois Range Company, Mount Prospect, Illinois, the lowest bidder, for the food service equipment to be installed in the Peabody Drive Residence Halls for undergraduate men students now under construction. This Company is currently completing an equipment contract for the Central Food Stores Building and is doing it in a very satisfactory manner.

Funds are available in the proceeds of the bond issue for this project.

I concur.

On motion of Mr. Swain, 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. Stratton.

**CONTRACT FOR INTERIOR DECORATING
IN MEN'S RESIDENCE HALLS**

(11) 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 public areas of the Peabody Drive Residence Halls at a fee of \$5,000, which is less than four per cent of the estimated cost of the furnishings for which he will be responsible.

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. Herrick, Mr. Stratton.

**CONTRACT FOR COOLING TOWER REPLACEMENT ON THE
ILLINOIS NEUROPSYCHIATRIC INSTITUTE BUILDING**

(12) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$8,978 to the Mutual Contracting Company, Chicago, the lowest bidder, for the replacement of a cooling tower on the Illinois Neuropsychiatric Institute Building in Chicago.

The work will include demolition of the present obsolete tower from the roof of the building and the installation of structural steel, roofing, and siding and the setting in place of a new cooling tower being purchased by the University. The tower which was built into the top of the Illinois Neuropsychiatric Institute Building when it was constructed by the State Department of Public Welfare in 1940 does not have the capacity now required and is in such condition that a new cooling tower must be provided for operation of the air-conditioning systems in this building.

Funds are available in the Physical Plant budget.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Hughes, 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. Stratton.

**ADDITION TO CONTRACT FOR ARCHITECTURAL SERVICES
FOR FAMILY HOUSING UNITS**

(13) The Director of the Physical Plant and the Vice-President and Comptroller

recommend that Lundeen and Hilfinger, Bloomington, architects for the family housing to be constructed in the area south of Florida Avenue between South Orchard and Race Street, Urbana, be reimbursed for additional costs incurred in changing working drawings at the request of the University that each building be extended two feet in each direction and that certain other modifications be made in the building and the site plans.

Additional compensation will be in accordance with the terms of the contract approved by the Board of Trustees on October 22, 1956. It amounts to approximately \$2,700 for Lundeen and Hilfinger, and \$2,200 for consultants employed by them.

I concur and recommend that the Comptroller be authorized to execute the contract change order.

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

ADDITION TO CONTRACT FOR CONSTRUCTION OF ASSEMBLY HALL

(14) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$12,331 in the contract with Felmley-Dickerson Company, Urbana, for construction of the Assembly Hall to replace unsuitable soil with concrete where necessary under the ring footing around the building. This, plus the change order approved in December, substantially completes soil corrective work.

I concur and recommend that the Comptroller be authorized to execute the contract change.

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

PURCHASES

Purchases Authorized

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

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
49.92 tons diammonium phosphate, 31 tons ammonium phosphate, and 5.40 tons calcium metaphosphate	Agricultural Economics	Tennessee Valley Authority, Knoxville, Tenn.	\$7 140 19 f.o.b. Sheffield, Ala.
32 stainless steel isolation cages (Horsfall units) with 52 feeding pans and three sterilizer pans	Veterinary Medicine Animal Science	Schroeder & Sons, Kenwood	4 812 00 f.o.b. Kenwood

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 bid.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One ultracentrifuge, for speeds up to 40,000 r.p.m., complete with refrigeration and vacuum systems Two rotors and standard accessories, 120-208 volt, 60-cycle	Animal Science	Beckman Instruments, Inc., Spinco Division, Palo Alto, Calif.	\$6 796 00 f.o.b. delivered
One fuel consumption scale for engine testing	Agricultural Engineering	Toledo Scale Corp., Toledo, Ohio	2 724 00 f.o.b. delivered
One 1960 truck cab and chassis, two-ton capacity, with special equipment, for mounting of aviation jet refueler body	Institute of Aviation	University Ford Sales, Inc., Champaign	2 802 85 f.o.b. Urbana
One aviation refueler truck body only, mounted on truck cab and chassis furnished by the University	Institute of Aviation	Progress Manufacturing Co., Inc., Arthur	10 278 50 f.o.b. Arthur (mounted)
One special laboratory glassware washer, to handle glassware maximum of 25 in. in diameter, 19 in. high, washing sprays inside-outside of glassware	Chemistry and Chemical Engineering	Better Built Machinery Co., New York	7 510 50 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One water chiller, 30 h.p., 80 g.p.m., 208 volt, 3-phase, 60-cycle, with pneumatic control system and auto transformer type reduced voltage starter	Chemistry and Chemical Engineering	Trane Co., Peoria	\$5 095 00 f.o.b. delivered
One lot laboratory apparatus	General Chemical Stores	Schaar & Co., Chicago	55 839 47 f.o.b. delivered
One lumatron model 112-3-4 oscilloscope with push-button camera controls, built-in digital clamp, synchronizing trigger unit, pulse generator, high impedance probe, trigger amplifier, and oscilloscope cart	Digital Computer Laboratory	Lumatron Electronics, Inc., Westbury, Long Island, N.Y.	6 860 00 f.o.b. delivered
Six Hewlett-Packard model 721A transistor power supplies	Electrical Engineering	Hewlett-Packard Co., c/o Crossley Associates, Inc., Chicago	3 623 00 f.o.b. delivered
One Hewlett-Packard model 205AG audio signal generator			
Five Hewlett-Packard model 120A industrial oscilloscopes			
One Universal milling machine, 5 h.p., with standard equipment less dividing head and lead attachment	Electrical Engineering	Kearney & Trecker Corp., Chicago	12 730 00 f.o.b. delivered
One precision tool room lathe, 12 1/2 in. swing, 20 in. between centers, with 5 h.p. motor, controls, 8 in. chuck, follower rest and taper attachment	Electrical Engineering	E. L. Essley Machinery Co., Chicago	11 105 62 f.o.b. delivered
One vertical band sawing, filing, and polishing machine with 2 h.p. motor and all standard equipment	Electrical Engineering	DoAll Rockford Co., Rockford	3 224 10 f.o.b. delivered
Graphite for the 4 ft. x 4 ft. thermal column for the TRIGA Mark II Reactor	Engineering Administration	General Atomic Division, General Dynamics Corp., San Diego, Calif.	8 000 00 f.o.b. delivered
One radioisotope specimen production facility for use in the TRIGA Mark II Training and Research Reactor	Nuclear Engineering	General Atomic Division, General Dynamics Corp., San Diego, Calif.	3 300 00 f.o.b. delivered
One capacitor bank of special capacitor units totaling 4500 mfd.	Physics	Westinghouse Electric Corp., Peoria	30 475 00 f.o.b. delivered
156 auditorium tablet arm seats to be installed in the Krannert Art Museum	Fine and Applied Arts	Franklin-Lee Co., Chicago	4 195 00 f.o.b. delivered and installed
Gallery and office furniture for the Krannert Art Museum	Fine and Applied Arts	Marshall Field & Co., Chicago	9 974 73 f.o.b. Urbana
20 special geology storage cabinets, steel, to accommodate 42 specimen trays; over-all size 36 in. wide x 72 in. high x 25 in. deep	Geology	W. M. Putnam Co., Bloomington	2 824 00 f.o.b. Urbana
Accumulated human relations area files, with subscription for 1959-60 files	Library	Human Relations Area Files, New Haven, Conn.	26 697 45
One recording spectrofluorometer, with grating monochromators for the ultra-violet visible range 220-800 Mu, complete with recorder, power equipment, optics, cuvettes, and standard accessories	Microbiology	American Instrument Co., Inc., Silver Spring, Md.	5 512 50 f.o.b. Urbana
One spectrometer, liquid scintillation, automatic, complete with electronic accessories, optics, controlled area chamber, automatic numerical read-out, turntable for up to 100 samples, and timer system, complete and installed	Microbiology	Packard Instrument Co., Inc., LaGrange	12 530 00 f.o.b. delivered and installed
One ultracentrifuge, analytical precision model, for measurement of molecular properties in centrifugal fields to 29,000 g, including optical system and accessories	Microbiology	Beckman Instruments, Inc., Spinco Division, Palo Alto, Calif.	25 723 00 f.o.b. delivered and installed
One analytrol recording scanner and integrator with microanalyzer attachment			
One lot of scientific supplies, including one refrigerated centrifuge and accessories, 2,000 pints of reagent chemicals, and 305 packages of filter paper	Medicine	Chicago Apparatus Co., Chicago	3 080 00 delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One fully automatic mobile freeze drying laboratory	Medicine	E. H. Sargent & Co., Chicago	\$4 360 00 delivered
One sound-on-film camera and accessories	Psychiatry	Altman Camera Co., Chicago	6 995 07 delivered
100,000 mysoline tablets, 0.25 gm.	Research and Educational Hospitals	Ayerst Laboratories, Chicago	2 658 00 net delivered
20,000 tetracycline V capsules, 250 mg. (this quantity represents approximately sixty to ninety days of this item)	Research and Educational Hospitals	Charles Pfizer & Co., Chicago	3 640 00 delivered
20,000 chroamphenical capsules, 250 mg. (this quantity represents approximately sixty to ninety days supply of this item)	Research and Educational Hospitals	Parke-Davis & Co., Skokie	5 100 00 delivered
One Auricon Pro-600, CM-75 camera with carrying trunk, sun shade, telefinder optical system, zoom lens door, three magazines with case, filmagnetic recording system, power supply unit, dolly, battery charger, three lenses, two telefinder objectives, microphone with cable, neck strap, and focusing prism and magnifier	Television-Motion Pictures	Alpine Camera Co., LaGrange	4 028 67 f.o.b. delivered
Two model 1900 addressographs and accessories	Mailing Service	Addressograph- Multigraph Corp., Peoria	13 440 25 f.o.b. Cleveland, Ohio
Two model 500 addressographs			
One model 7780 tape perforator			
One model 6781 automatic graphotype			
Less trade-in allowance for two model 1900 addressographs and one model 6383 graphotype			
Approximately 6,000 diplomas as required for June, August, and October, 1960, and February, 1961, graduations at Urbana and at the Chicago Professional Colleges	Admissions and Records	W. M. Welch Manufacturing Co., Chicago	2 460 00 delivered
White sulphite offset paper as follows: 100 reams 22 1/2 in. x 35 in. 58-lb. 5,000 reams 8 1/2 in. x 11 in. 50-lb. 5,000 reams 8 1/2 in. x 11 in. 60-lb. 1,000 reams 8 1/2 in. x 11 in. 70-lb.	Office Supply Stores	Decatur Paper House, Inc., Decatur	11 040 57 f.o.b. delivered
26 tons 15-5-5 organic and inorganic fertilizer in 80-lb. bags	Physical Plant	George A. Davis, Inc., Chicago	3 477 50 f.o.b. delivered
15,750 ft. galvanized pipe, various sizes, 21-ft. lengths	Physical Plant	Wilkins-Bloomington Co., Bloomington	4 434 98 f.o.b. delivered
8,820 ft. black pipe, various sizes, 21-ft. lengths			
Three 76 in. riding-type lawn mowers with semi-pneumatic tires, less trade-in allowance for three mowers of the same type	Physical Plant	Scruggs-Drake Equipment Co., Decatur	2 805 00 f.o.b. delivered
Eight standard four-door sedans	Physical Plant	Rossetter Motor Co., Peoria (Ford)	
Ten compact four-door sedans	Animal Science	Five standard sedans	4 250 00
One standard four-door sedan equipped for police use		Eight compact sedans	4 980 40
One station wagon		University Ford Sales, Inc., Champaign	
One pickup truck, 3/4 ton		Three standard sedans	2 586 62
		One pickup truck	1 785 83
		Rogers Chevrolet Co., Rantoul	
		Two compact sedans	2 559 68
		One station wagon	2 330 98
		Courtesy Motor Sales, Inc., Chicago (Ford)	
		One standard sedan for police use	1 220 06
Furnish and install in the Illini Union Building (Pine Lounge), two new carpets and pads 11 ft. 3 in. wide x 45 ft. long and one new carpet and pad 20 ft. 3 in. wide x 45 ft. long	Illini Union	Slater Co., Chicago	4 280 00 f.o.b. delivered and installed
68 automatic washing machines (used Commercial Bendix equipment), coin-operated, 9-lb. capacity	Housing Division	Wise Electric, Champaign	7 060 00 installed

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Furnish and install hardware and draperies at 324 windows in the Graduate Student Residence Hall	Housing Division	Leiper Furniture Store, Monticello	\$4 175 00 delivered and installed
Furniture for 24 nurses' apartments consisting of: 24 upholstered walnut arm chairs 24 upholstered walnut sofas 24 9 ft. x 12 ft. tufted rayon rugs	Housing Division, Chicago Professional Colleges	Gilbert A. Force Co., Chicago	3 742 08 delivered
One electronic console organ with two 61-note manuals and full 32-note pedal complete with four sound cabinets, cables, five dollies and cover	Chicago Colleges	Baldwin Piano Co., Chicago	4 830 00 delivered and installed
Rental of caps, gowns, and hoods as required by faculty and students for the June 18, 1960, Commencement	Committee on Commencement	Collegiate Cap & Gown Co., Champaign	7 450 00 f.o.b. delivered
One passenger automobile, eight-passenger limousine, used 1959 Model 75 Cadillac, to replace present 1956, eight-passenger Model 75 Cadillac sedan	Physical Plant Motor Vehicle Pool	Cadillac Motor Car Division, General Motors Corp., Chicago	4 500 00 (net)
One large-scale fatigue testing machine, approximately 200,000-lb. capacity	Civil Engineering	Northwestern University, Evanston	6 000 00

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

COMPTROLLER'S REPORT OF CONTRACTS

(16) The Comptroller's report of contracts executed during the period January 1 to 31, 1960.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Allied Chemical Corp., Nitrogen Division	Occurrence of residual fertilizer among various soil fractions as indicated by isotopic nitrogen	\$ 2 500 00	January 21, 1960
Federal Housing Administration	Field investigation and report of vacant commissioner-owned houses within the jurisdictional area of the FHA insuring office at Indianapolis, Indiana	2 000 00	January 12, 1960
Mark L. Morris Animal Foundation	Paper electrophoretic analysis of serum proteins of debilitated dogs before, during and after special dietary treatment	2 415 00	January 12, 1960
United States Air Force AF11(602)-2066	Academic instruction	2 648 00	November 24, 1959
United States Air Force AF29(601)-2372	Behavior and design of deep structural members	44 000 00	December 1, 1959
United States Army DA-49-146-XZ-023	Feasibility of designing and building a soil loading system	34 000 00	September 1, 1959
United States Air Force AF49(638)-763	Electron microscopy of ultrasonically irradiated muscle	14 820 00	November 1, 1959
United States Industrial Chemicals Co.	Soil fertility requirements of different genetic lines of soybeans	9 000 00	January 8, 1960

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
International Harvester Co.	One power take-off attachment for TD-9 No. 65902	\$ 24 97 annually	December 14, 1959
New Idea Farm Equipment Co.	One No. 10 New Idea corn picker	142 20 annually	November 2, 1959
Perfection Steel Body Co.	One No. 51B Cobey PTO unloading wagon, complete	40 10 annually	December 21, 1959

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	\$ 2 000 00	December 31, 1959
Association of American Railroads and American Iron and Steel Institute	Causes of failures in railroad rails in service together with their prevention	5 000 00	November 12, 1959

<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	December 14, 1959
Portland Cement Association	Strength and deformation characteristics of reinforced concrete beam-column connections subjected to axial and transverse loads	28 000 00	January 5, 1960
Shell Chemical Corp., Agricultural Chemicals Division	Evaluation of a series of chlorinated hydrocarbon compounds as insecticides	2 500 00	December 4, 1959
United States Air Force AF29(601)-464	Analysis and design of domes, arches, and shells	3 000 00	December 29, 1959
United States Army DA-36-039 SC-78313	Microwave duplexer switching mechanisms	68 833 00	January 4, 1960
United States Army DA-49-007-MD-794	Carcinogenicity of foods preserved by radiation	8 382 00	December 21, 1959
United States Atomic Energy Commission AT(11-1)-415	Unclassified research on electronic high-speed digital computers	340 000 00	December 21, 1959
United States Navy Nonr-1834(17)	Current problems of solid state and surface physics of semiconductors	45 000 00	November 5, 1959
United States Navy N61339-297	Visual displays for aviation training	32 959 00	November 30, 1959
VioBin Corp.	Value of wheat germ oil in physical fitness programs	4 800 00	December 17, 1959

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)	Thirty-two items: \$255.41 deduct to \$219.00	\$ 397 74	December, 1959, and January, 1960

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(17) The Comptroller presented his quarterly report to the Board as of December 31, 1959.

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

BEQUEST OF INA MEREDITH HUNTER

(18) The late Mrs. Ina Meredith Hunter of Eureka, California, and an alumna of the University of Illinois, Class of 1914, included in her will the following bequest: "I give and bequeath to the University of Illinois Student Loan Fund, of Urbana, Illinois, the sum of \$4,000.00 to be used in making loans to deserving junior and senior students who won honors in scholarship in the sophomore year."

This bequest has been accepted on behalf of the University and is reported for record. The University has been advised by the attorney for Mrs. Hunter's estate that probate proceedings should be completed and payment received by the University not later than December, 1960.

Confirmation of acceptance is requested.

On motion of Mr. Johnston, this acceptance was confirmed.

HANGAR AT UNIVERSITY AIRPORT

(19) The National Distillers and Chemical Corporation, New York, New York, has offered to construct a hangar at the University of Illinois Airport and, upon completion, to deed it to the University. In return, the University would be asked to lease the hangar to the Corporation at a nominal rental for ten years, subject to negotiated renewal for an additional five-year period. The University's only other obligation would be to bring utilities to the site and provide for exterior maintenance of the building. Plans and specifications will be approved by the University, and the supervising engineer at the Airport will superintend construction. No aircraft or other maintenance will be performed in the hangar without specific University approval.

The improvements will increase the University's physical assets by at least \$100,000. The Director of the Institute of Aviation and the Vice-President and Comptroller recommend approval of the proposal.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute the necessary documents, subject to approval of the Legal Counsel.

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

ACQUISITION OF FARM LAND FOR COLLEGE OF AGRICULTURE AND EXPERIMENT STATION

(20) By authority of the Board of Trustees, the University instituted proceedings, under its right of eminent domain conveyed upon it by law, in the Circuit Court of Champaign County for the acquisition of the H. N. Pell farm of 160 acres southeast of Urbana for the College of Agriculture and the Agricultural Experiment Station.

These proceedings have been concluded, and the jury has fixed a price of \$700 an acre, or \$112,000, as the fair value of this land, and the Court has entered an order authorizing its sale to the University. It is now necessary for the Board of Trustees to take certain actions:

Authorize the payment of the compensation determined in these legal proceedings and accept title to the land;

Transfer of title of this land, when conveyed to the University, to the University of Illinois Foundation which will finance its purchase;

Lease of the land from the Foundation.

The University will have the option under the lease of the land to purchase it when funds are available.

I recommend that purchase of the land under the conditions indicated and the adoption of the resolution submitted herewith.

Resolution Authorizing Payment for Pell Tract, Conveyance of Title Thereto, and Leasing Thereof

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, hereinafter referred to as "University," that the Comptroller and Secretary of this University be, and they hereby are, authorized for, and in the name of, and on behalf of, this University to enter into an agreement with University of Illinois Foundation, a not-for-profit corporation of the State of Illinois, with its principal office in the City of Urbana, in the County of Champaign, and State of Illinois, hereinafter referred to as "Foundation," providing for the sale and conveyance to Foundation of title to the tract of land hereinafter described and herein referred to as the "Pell Tract" at a sale price equivalent to the compensation award of \$112,000.00 entered by the Circuit Court of Champaign County, Illinois, on February 18, 1960, in the eminent domain proceedings entitled, "The Board of Trustees of the University of Illinois, a public corporation, vs. Gordon Moser et al., Defendants, Law No. 60-L-10," and any additional costs incidental thereto incurred by University in acquiring title to said Pell Tract.

Be It, And It Hereby Is Further Resolved that upon compliance with the terms of said agreement by Foundation, 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 University, 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 Foundation title to the following described property, viz:

The Northwest Quarter (NW ¼) of Section Twenty-eight (28) in Township Nineteen (19) North, Range Nine (9) East of the Third Principal Meridian (3rd P.M.) in Urbana Township, in the County of Champaign and State of Illinois;

hereinafter referred to as the "Pell Tract."

Be It, And It Hereby Is Further Resolved that said Comptroller and Secretary be, and they hereby are, authorized for, and in the name of, and on behalf of, this University to enter into a Lease Agreement with Foundation providing for the leasing to this University of the tract of land hereinabove described as the Pell Tract for an original term, commencing on the date Foundation acquires title to said Pell Tract and ending on the 30th day of June, 1961, and which term shall be automatically extended for successive two (2) year periods from July 1, 1961, to June 30, 1963, and from July 1, 1963, to June 30, 1965, unless written notice of termination is given to Foundation by this University on or before June 30, 1961, whereupon said Lease shall terminate on June 30, 1961; or on or before June 30, 1963, whereupon said Lease shall terminate on June 30, 1963. The rental shall be equivalent to the interest charges incurred by Foundation under its Loan Agreement with The First National Bank of Chicago providing for funds for the acquisition by Foundation of title to said Pell Tract and any financial charges incidental to the acquiring or renewal of said Loan Agreement. During the term of the Lease the University shall pay any and all special assessments or taxes assessed against said Pell Tract or will secure an exemption therefrom, or will otherwise see that no lien for taxes or assessments is or becomes effective, or if becomes effective is not enforced against said premises, and University shall agree that it will keep said Pell Tract free from any Mechanic's Liens and to make, and to pay for any costs of, necessary repairs and upkeep of said Pell Tract while in its possession under this Lease. Said Lease shall contain an option giving this University the right to purchase and acquire title in fee simple absolute to said Pell Tract by paying all principal and interest costs and financial charges incidental thereto incurred by Foundation under the terms of said Loan Agreement with The First National Bank of Chicago or in connection therewith.

Be It, And It Hereby Is Further Resolved that the Comptroller of this University be, and he hereby is, authorized and directed to deposit with the County Treasurer of Champaign County, Illinois, for the benefit of the persons thereto entitled, as provided for by statute, the amount of the compensation award for said Pell Tract entered by the Circuit Court of Champaign County, Illinois, in the sum of \$112,000.00, and to pay the court costs of said suit, and any additional costs incidental thereto or incurred in connection therewith in the acquiring of, or in order to vest in this University title to, said Pell Tract.

On motion of Mr. Hughes, 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. Stratton.

HOMECOMING, 1960

Mr. Clement presented the following statement and motion:

October 8, 1960 has been designated as Homecoming Day this year. It is noted that the tradition of observing Homecoming Day, which has now been established at many colleges and universities, was started at the University of Illinois in 1910, and this year will mark the Fiftieth Anniversary of Homecoming on the University of Illinois campus. The University of Illinois Alumni Association is making a special effort to have this Golden Anniversary Homecoming be a week end of significance. On behalf of the Committee on Alumni, I move that the Board of Trustees request Governor William G. Stratton to issue a proclamation calling public attention to the "Golden Anniversary of the University of Illinois Homecoming" on October 8, 1960.

This motion was unanimously adopted.

APRIL MEETING

On motion of Mr. Swain, the Board voted to hold its April meeting in Chicago on Wednesday, April 20, 1960.

DEGREES CONFERRED

The Secretary presented for record the following list of degrees con-

ferred February 13, 1960, on recommendation of the Urbana-Champaign Senate and by authority of the Board of Trustees.

Summary

Degrees in the Graduate College:

Doctor of Philosophy.....	90
Doctor of Education.....	2
Master of Arts.....	47
Master of Science.....	201
Master of Music.....	4
Master of Education.....	34
Master of Architecture.....	4
Master of Accounting Science.....	2
Advanced Certificate in Education.....	3
<i>Total, Graduate College.....</i>	<i>(387)</i>

Degrees in Law:

Bachelor of Laws.....	7
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Baccalaureate Degrees:

Bachelor of Science, College of Agriculture.....	72
Bachelor of Science, College of Engineering.....	266
Bachelor of Arts, College of Liberal Arts and Sciences.....	106
Bachelor of Science, College of Liberal Arts and Sciences.....	81
Bachelor of Science, College of Education.....	52
Bachelor of Science, College of Commerce and Business Administration..	115
Bachelor of Science, College of Journalism and Communications.....	31
Bachelor of Architecture, College of Fine and Applied Arts.....	32
Bachelor of Fine Arts, College of Fine and Applied Arts.....	33
Bachelor of Music, College of Fine and Applied Arts.....	2
Bachelor of Science, College of Fine and Applied Arts.....	12
Bachelor of Science, College of Physical Education.....	22
Bachelor of Science, Division of Special Services for War Veterans.....	19
<i>Total, Baccalaureate Degrees.....</i>	<i>(843)</i>

Total, Degrees Conferred..... 1,237

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Accountancy

CHARLTON GEORGE SCHOEFFLER, B.S., State University of New York College for Teachers (Albany), 1939; A.M., Wayne University, 1950

In Agronomy

ASOKE KUMAR GHOSH, B.S., Allahabad University, 1946; M.S., Agra University, 1955
ELLERY LOUIS KNAKE, B.S., M.S., 1949, 1950

In Animal Nutrition

SAMUEL VALENTINO AMATO, B.S., M.S., University of Connecticut, 1954, 1956

In Botany

MELVYN IRA SELSKY, A.B., A.M., Brooklyn College, 1954, 1956

In Business

JOHN ALFRED REINECKE, B.B.A., Loyola University (New Orleans, Louisiana), 1951; M.B.A., Tulane University, 1953

In Ceramic Engineering

DANIEL LEW DEADMORE, B.S., M.S., 1949, 1956

In Chemical Engineering

RICHARD ANDREW EPPLER, B.S., Carnegie Institute of Technology, 1956; M.S., 1958

EDWARD JOHN KOVAL, B.S., University of Notre Dame, 1951; M.S., 1958

In Chemistry

STANLEY WALTER BLUM, B.S., University of Wisconsin, 1955

RICHARD WAYNE BUSH, B.S., Massachusetts Institute of Technology, 1956

WILLIAM EDWARD CHAMBERS, B.S., Marshall College, 1955; M.S., 1957

HUNG YU CHEN, B.S., National Taiwan University, 1953

MARY JOAN SIROTEK CRESPI, B.S., Rosary College, 1952

DANICA DABICH, B.S., University of Michigan, 1952; M.S., Ohio State University, 1955

WILLIAM ALEXANDER DEMEESTER, A.B., Hope College, 1949; M.S., University of Vermont, 1951

GABRIEL LOUIS DE TOMMASO, B.S., University of Rhode Island, 1956

JÜRGEN DIEKMANN, A.B., Kalamazoo College, 1956

JAMES FRANCIS DUNPHY, B.S., Boston College, 1951

ROBERT LOUIS EISSLER, B.S., Evansville College, 1949; M.S., 1956

DAVID EDWARD FRANKHOUSER, B.S., Albright College, 1955

EDWARD JOHN GALL, B.S., Rutgers University, 1954

CAROLE RUTH GATZ, B.S., Iowa State University, 1954

THEMISTOCLES PANTELIS HADJIOANNOU, Diploma, University of Salonika, 1951; M.S., 1958

CHARLES CHIA-LIEH HWA, B.S., St. John's University (China), 1945

JOSEPH PINCUS KLEIMAN, B.S., Carnegie Institute of Technology, 1955

JOHN EDWARD McNARY, B.S., Massachusetts Institute of Technology, 1954; M.S., University of Wisconsin, 1956

GERARDINE MEERMAN, B.S., A.M., 1950, 1955

VIRGIL DALE MOCHEL, B.S., M.S., Purdue University, 1952, 1954

EARL THOMAS NILES, A.B., Hope College, 1956

ALAN HERBERT PETERSON, A.B., Augustana College (Illinois), 1955

WILLIAM HOWARD PITTMAN, B.S., University of Missouri, 1956

JOHN RICHARD ROGERS, B.S., University of Wisconsin, 1953

JOHN ARDEN ROTHFUS, A.B., Drake University, 1955

SUNT TECHAKUMPUCH, B.S., Massachusetts Institute of Technology, 1953; M.S., 1954

ROBERT JOSEPH TUITE, B.S., St. John Fisher College, 1956

PETROS DEMETRIOS ZAVITSANOS, A.B., University of California (Berkeley), 1955; M.S., 1957

In Civil Engineering

ARTHUR FELDMAN, B.S., Washington University, 1952; M.S., 1954

SAMUEL SUTCLIFFE, B.S.S., University of Connecticut, 1955; M.S., 1958

In Communications

JOHN MICHAEL KITTROSS, A.B., Antioch College, 1951; M.S., Boston University, 1952

In Dairy Science

KENNETH E. HARSHBARGER, B.S., M.S., 1937, 1939

In Economics

NAI-RUENN CHEN, A.B., National Taiwan University, 1950; M.S., 1955

YU-MIN CHOU, A.B., A.M., 1954, 1955

ED FRANKLIN CRIM, JR., B.S., University of Oklahoma, 1943; M.S., 1953

In Education

ELIAS BLAKE, JR., A.B., Paine College, 1951; A.M., Howard University, 1954

GEORGE ALBERT ROBINSON, JR., B.S., M.S., 1955, 1956

CAROL RITA NEWTON WHITE, A.B., Smith College, 1949; Ed.M., 1953

In Electrical Engineering

- MURRAY LEWIS BABCOCK, B.S., M.S., 1948, 1949
 DONALD LESTER BITZER, B.S., M.S., 1955, 1956
 SHLOMO KARNI, B.S., Technion, Israel Institute of Technology, 1956; M.Eng., Yale University, 1957
 RUEY-WEN LIU, B.S., M.S., 1954, 1955
 VEMPATI GOPALA KRISHNA MURTI, B.Eng., University of Madras, 1953; M.Eng., Yale University, 1957
 HING-CHEONG SO, B.S., M.S., 1956, 1957
 WILLIAM HENRY STEIER, B.S., Evansville College, 1955; M.S., 1957
 IRA WEISSMAN, B.S., M.S., 1949, 1950

In Food Technology

- SHANTILAL NATHUBHAI SHAH, B.S., University of Bombay, 1951; B.S. (Technology), M.S., Nagpur University, 1954, 1959

In French

- THOMAS HAROLD BROWN, A.B., Brigham Young University, 1955; A.M., 1957

In Geography

- ALBERT JOSEPH KORSOK, B.S., Western Reserve University, 1949; A.M., Northwestern University, 1950

In Geology

- RICHARD ALLEN YUND, B.S., 1956

In History

- ROY ANTHONY RAUSCHENBERG, A.B., A.M., 1951, 1956
 GERTRUDE ALMY SLICHTER, A.B., Vassar College, 1949; A.M., 1952

In Library Science

- ROBERT WILSON KIDDER, A.B., A.M., University of New Hampshire, 1938, 1939; B.S., M.S., 1941, 1947
 JOE WALKER KRAUS, A.B., Culver-Stockton College, 1938; B.S., A.M., 1939, 1941
 WESLEY CLARK SIMONTON, A.B., University of Cincinnati, 1941; B.S., M.S., Columbia University, 1946, 1948

In Mathematics

- MILDRED JEANNETTE BRANNON, B.Mus., 1940; M.Mus., Indiana University, 1942; A.M., 1945
 GREGORY LAWRENCE CURME, B.S., A.M., 1951, 1954
 JOHN ARTHUR ERNEST, A.B., Drew University, 1957; M.S., 1958
 DONALD EARL MYERS, B.S., M.S., Kansas State University, 1953, 1955
 SUBRAMONIER PARAMESWARAN, B.S., M.S., University of Travancore, 1941, 1957
 MUDOMO SUDIGDOMARTO, M.S., University of Indonesia, 1954

In Metallurgical Engineering

- JOSEPH FRANCIS ENRIETTO, B.S., M.S., 1956, 1957

In Microbiology

- ROGER LOUIS STORCK, Diploma, Institute of Fermentation Industries, 1945, 1946

In Physical Education

- STANLEY RICHARD BROWN, Diploma, University of Otago, 1951; M.S., 1957
 EVERETT EARL PHILLIPS, JR., B.S., Southwest Missouri State College, 1952; M.S., 1956
 FREDERICK BOYS ROBY, JR., B.S., State Teachers College (Slippery Rock, Pennsylvania), 1953; M.S., 1954
 ELMER ARTHUR SCHOLER, B.S., M.S., 1950, 1957
 LEROY FARWELL STERLING, B.S., M.S., 1955, 1956

In Physics

JOHN DAVID FOX, B.S., Massachusetts Institute of Technology, 1951; M.S., 1954
NEAL LOUIS LAURANCE, B.S., M.S., Marquette University, 1954, 1955
ROBERT LEE MIEHER, B.S., M.S., 1954, 1955

In Plant Pathology

AKKIHBBAL N. NAGARAJ, B.S., University of Mysore, 1950; Associate, Indian Agricultural Research Institute, 1952

In Political Science

ALICE LUCINDA EBEL, A.B., Heidelberg College, 1927; A.M., University of Chicago, 1931
WILLIAM THOMAS MCCLURE, JR., A.B., A.M., 1954, 1955

In Psychology

CHARLES MACMILLAN BRODIE, A.B., Carleton College, 1954
MELVIN LEON GOLDSTEIN, A.B., New York University, 1948; M.S., Washington State University, 1951
MILTON OTTO MEUX, A.B., Kalamazoo College, 1953
WARREN LESLIE SMITH, B.S., Bradley University, 1947; M.S., 1950

In Sociology

LEWIS JAMES DAVIES, A.B., A.M., University of Texas, 1947, 1950

In Zoology

WALTER JAMES HARMAN, B.S., Louisiana Polytechnic Institute, 1948; A.M., University of Arkansas, 1950
EUGENE WILLIAM MCARDLE, B.S., St. Mary's College, 1953; M.S., Marquette University, 1956

Degree of Doctor of Education*In Education*

CHARLES RENNIE HICKLIN, A.B., Drury College, 1949; A.M., 1953
JOHN D. ROWLETT, B.S., M.S., North Texas State College, 1949, 1950

Degree of Master of Arts*In Economics*

ROBERT FERDINAND SEVERSON, JR., B.S., 1958

In English

SAYRE DUNBAR ANDERSEN, A.B., 1959
FORDYCE JUDSON BENNETT, A.B., Greenville College, 1945
EDWARD WATSON CADE, B.S., Memphis State College, 1958
ELEANOR FRANCES GORNTON, A.B., 1958
DONALD BRUCE HALOG, B.S., University of San Francisco, 1958
MARY ALICE HEAGARTY, A.B., Seton Hill College, 1958
ARTHUR LEROY KISTNER, A.B., 1955
LOREN LEROY LOGSDON, A.B., Eureka College, 1958
PRISCILLA THORPE REHM, A.B., 1959
ROBERT LEROY SCHRAG, A.B., 1958
MARILYN JOAN WHITSITT, A.B., Monmouth College, 1957
JACOB JOSEPH ZUBATY, B.S., 1953

In French

CORNELIA MARIE CARNES, A.B., 1959

In Geography

ROBERT WILLIAM LATTA, A.B., Indiana University, 1956
HUBERT GUSTAV HILMAR WILHELM, B.S., 1958

In German

ELLEN MARGOT BULEY, Certificate, Friedrich-Wilhelm University at Bonn, 1931
FRANZ JOSEF PFISTER, A.B., Bowling Green State University, 1958
AUSRELE MARY VENCLOVA, A.B., 1956

In History

RICHARD ELMER GEIGER, A.B., University of Notre Dame, 1957
RICHARD JAMES MASKOFF, A.B., 1958
JAMES OLIN RICHARDS, A.B., Georgetown College, 1958

In Labor and Industrial Relations

CARL ALVIN BLOOMQUIST, JR., B.S., Washington University, 1956
ROBERT THALLON HALL, A.B., University of Texas, 1958
ABRAHAM KENNETH KORMAN, A.B., Brooklyn College, 1956
CHARLES GEORGE WEAVER, A.B., Muskingum College, 1958

In Political Science

MERWIN KENNETH SIGALE, B.S., 1957

In Psychology

JOHN RICHARD HURLEY, A.B., 1955
JAMES WILLIAM JULIAN, A.B., Michigan State University, 1955
ELEANOR FRANCES PEER MEUX, A.B., University of Michigan, 1956
DEMETRIOS PAPAGEORGIS, A.B., Hamilton College, 1957
ROBERT CHARLES PIERCE, A.B., Stanford University, 1957
JAMES SHAW TERWILLIGER, B.S., 1957

In Social Sciences

WILLIAM WALTER BAST, A.B., Lawrence College, 1958
LYLE DOUGLAS JACOBSON, A.B., 1959

In Sociology

PHILIP WOBBER MARDEN, A.B., Rutgers University, 1955
SHELVIN SINGER, B.S., Northern Illinois University, 1954

In Speech

CHARLES ROSS LOVE, A.B., Howard College, 1955
CHARLES JOSEPH STEWART, B.S., Indiana State Teachers College, 1958

In Statistics

DENNIS LOUIS CWIK, A.B., 1955

In the Teaching of English

FRANCISCA DYCUECO GO, B.S.E., University of Santo Tomas, 1946
THERESA STINE WISSMILLER, A.B., 1957

In the Teaching of French

HELEN SONORA GOFF, A.B., Talladega College, 1956

In the Teaching of German

RENATE MARGARET OPPENLANDER, B.S., 1956
KENNETH LLOYD WIGGINS, A.B., Wayne University, 1957

In the Teaching of Social Studies

HAROLD ALBERT EHRLICH, A.B., 1953
MARY A. FALETTI LAUCK, A.B., 1952

Degree of Master of Science*In Accountancy*

BERNARD ANTHONY CODA, JR., B.S., Olivet Nazarene College, 1957
ROBERT REON IRISH, A.B., 1943
MARGARET CHIEN-JUNG LEE, A.B., National Taiwan University, 1956
MELVIN THEODORE MCCLURE, A.B., University of Maine, 1957
HWA WANG, A.B., National Taiwan University, 1955

In Aeronautical Engineering

WARREN ROBERT JAMES, B.S., 1958
TZU-SIEN SHAO, B.S., National Taiwan University, 1956
WOLFGANG HERMANN FRANZ STAHL, Diploma, Technical Institute (Stuttgart), 1956

In Agricultural Economics

RICHARD EDWARD CAPRA, B.S., Cornell University, 1958
CLARENCE OLIVER DAVIS, B.S., 1959
HAROLD JAMES TIPPETT, B.S., 1958
FORREST EUGENE WALTERS, B.S., Oklahoma State University, 1958

In Agricultural Education

LOWELL EDWIN AKERS, B.S., 1956
LELAND ELMER ASHBY, JR., B.S., 1954

In Agricultural Engineering

ERROL DAVID RODDA, B.S., 1951

In Agronomy

SHARANJIT SINGH BAL, B.S. (Agriculture), Panjab University, 1952
NARSINGH DASS, B.S., M.S., University of Punjab, 1937, 1943
DONALD STUART GALITZ, A.B., Monmouth College, 1956
PRITAM SINGH HOSHIARPURI, B.S., East Panjab University, 1948; M.S., Panjab University, 1955
MORRIS GLEN HUCK, B.S., 1958
VED BHANU MALIK, B.S., Agra University, 1947
DARRELL ALVIN MILLER, B.S., 1958
RUSSELL CLARENCE TURNER, JR., B.S., 1958

In Animal Science

ROBERT ROBBINS GARRIGUS, B.S., University of Kentucky, 1958
ROBERT EDWIN SCHMELZER, B.S., 1958

In Architectural Engineering

RONALD GENE BOWEN, B.Arch., 1957

In Biological Sciences

NAOMI ISHINO LIDICKER, B.S., 1956
WELDON FREDERICK MAISCH, B.S., Illinois Wesleyan University, 1957

In Botany

ROBERT ARTHUR CLAUS, B.S., Northwestern University, 1951

In Ceramic Engineering

GENE HENRY HAERTLING, B.S., University of Missouri School of Mines and Metallurgy, 1954
RICHARD JOSEPH HERBST, B.S., 1958
DORIS MARGARET MARONEY, B.S., Alfred University, 1958

In Chemical Engineering

DIBYENDU NARAYAN GHOSH, B.Ch.E., Jadavpur University, 1956

In Chemistry

LEE MASON CHAMBERS, B.S., Marshall College, 1958
JAMES LORAN FOGHT, B.S., University of Akron, 1958
WALTER WILSON GALE, B.S., Brown University, 1958
MINAS PRODRAMOS GEORGIADIS, Graduate, Athens National and Capodistria University, 1953
HERBERT JOHN HAVERA, B.S., Bradley University, 1958
JAMES CAMERON HILL, B.S., Northwestern State College of Louisiana, 1957
GEORGE LOUIS MORGAN, B.S., Case Institute of Technology, 1958
DOCTOR STEVEN MORRISSEY, B.S., Agricultural and Technical College of North Carolina, 1953
SUBHARP MUENNICKORN, B.S., Chulalongkorn University, 1955; M.S., Indiana University, 1959
ROBERT JOSEPH NIEDZIELSKI, B.S., Aquinas College, 1958
BETTY JANKY SHEPHERD, B.S., University of Dubuque, 1958
KATHLEEN ELLEN SLAVIN, B.S., Mount Mary College, 1958
HAROLD SPENCER SWOFFORD, JR., A.B., Western Washington College of Education, 1958
ERIC CLIFFORD TOREN, JR., A.B., Northwestern University, 1955
JOHN FINLEY WITHERSPOON, B.S., Ed.M., 1955, 1958

In City Planning

DEBAJYOTI AICHBHAIUMIK, B.Arch., University of Calcutta, 1957
DAVID RAY MCCULLOUGH, A.B., Miami University, 1948; LL.B., Ohio Northern University, 1952
DOUGLAS ROGER PORTER, B.S., Michigan State University, 1957

In Civil Engineering

DARRELL RAYMOND ANDERSON, B.S., United States Military Academy, 1954
HARRY EUGENE AULD, B.S., Michigan College of Mining and Technology, 1954
WILBUR CRAIG BUCKHEIT, B.S., United States Military Academy, 1954
ARUN CHAISERI, B.S., Chulalongkorn University, 1956
ROBERT JOSEPH CONLON, B.S., Queen's University, 1958
WILLIAM GENE CORLEY, B.S., 1958
EDWARD LOUIS DAMAL, B.S., 1954
HENRY ALBERT RAWDON DE PAIVA, B.S., University of Alberta, 1955
DAVID LORING DIMICK, B.S., United States Military Academy, 1954
PAUL CYR DRISCOLL, B.S., United States Military Academy, 1954
CLIFFORD THOMAS FLANIGAN, B.S., United States Military Academy, 1954
GEORGE WATKINS GREENWOOD, B.S., University of Maine, 1951
LAURENCE ROBERT HALL, B.S., Queen's University, 1958
JAMES ELLIS HAYS, B.S., United States Military Academy, 1954
ADOLPH AUBREY HIGHT, B.S., Hampton Institute, 1953
PETER GEORGE HOADLEY, Duke University, 1957
LEIF HOGNESTAD, B.S., University of Leeds, 1958
WEI HSIONG, B.S., Taiwan Provincial Cheng Kung University, 1953
CHI LUNG HUANG, B.S., National Taiwan University, 1955
WEN-HSIUNG HUANG, B.S., National Taiwan University, 1956
MAXIMIANO ROMUALDEZ JANAIRO, JR., B.S., United States Military Academy, 1954
CHUNILAL KOTUMAL LALWANI, B.Eng., Gujarat University, 1958
TORSTEN CARL IVAR MUHR, B.S., 1954
ABDUL GHAFFOOR QAISAAUNEE, B.S., University of Wyoming, 1955
FREDERICK PRATT REYNOLDS III, B.S., United States Military Academy, 1953
NORMAN CARL RODEN, B.S., 1958
GAUTAM THAKORBHAI SHROFF, B.Eng., Gujarat University, 1956
WAYNE MANNING STEVENS, B.S., Agricultural and Mechanical College of Texas, 1950
ROGER LEWIS STOUGHTON, B.S., State University of Iowa, 1958
WILLIAM EDWARD THORNTON, B.S., 1959

CHUNG CHI TSAI, B.S., Taiwan Provincial Cheng Kung University, 1955
 CARL JOHN TURKSTRA, B.S., Queen's University, 1958
 EDWARD GEARY WORTH, B.S., Oregon State College, 1957

In Commercial Teaching

MARY ELLEN GUFFEY, B.S., Bowling Green State University, 1958

In Dairy Science

GERRIT CORNELIS VAN DAM, Candidate, Utrecht University, 1952

In Dairy Technology

RAM AUTAR CHAUDHARY, B.S., M.S., Agra University, 1949, 1952

In Economics

EUGENE ALBERT PHILIPPS, B.S., 1958

In Education

DAVID PHILLIP BUTTS, B.S., Butler University, 1954
 MAKONNEN KEBRET, B.S., Imperial Ethiopian College of Agriculture and Mechanical Arts, 1957
 JULIA WOOD LORD, A.B., Pennsylvania State University, 1950

In Electrical Engineering

LAWRENCE WILLIAM AMIOT, B.S., 1959
 THOMAS FINLEY DEBNAM, JR., B.E.E., Georgia Institute of Technology, 1954
 ARNOLD WILLIAM DIPERT, B.S., 1958
 DEAN RICHARD EVERT, B.S., 1959
 SIDNEY BRUCE FRANKLIN, B.S., Union University, 1952
 YU-MIN FU, B.S., National Taiwan University, 1955
 JAMES BERNARD GERARDO, B.S., 1959
 ELMER ANSON GOETSCH, B.S., University of Wisconsin, 1953
 HENRY GUCKEL, B.S., University of Buffalo, 1958
 ALEXANDER HACHIGIAN, B.S., Ed.M., 1953, 1954
 THOMAS MILTON HALLMARK, B.S., University of Tennessee, 1958
 JAMES EDWARD HANLEY, B.S., 1959
 KERMIT KEITH WILLIAM HEID, B.S., 1959
 RONALD PAUL JETTON, B.S., 1959
 YING-CHAO KIANG, B.S., Taiwan Provincial Cheng Kung University, 1953
 JOHN ALLAN KLOBUCHAR, B.S., 1958
 HEYDON ZANE LEWIS, B.S., University of Arkansas, 1958
 WESLEY ALEXANDER NEWSOME, JR., B.S., United States Naval Academy, 1954
 FRANK T. PIMENTEL, B.S., United States Military Academy, 1952
 DONALD FRANCIS SCHILTZ, B.S., 1959
 FRED JOHN WYMER, B.S., 1958

In Entomology

RICHARD LESTER HURLEY, A.B., Queen's University, 1957
 CALVIN FRANKLIN SOO HOO, A.B., University of California (Santa Barbara), 1957

In Finance

WARNER OTTO BRANDENBURG, B.S., Northwestern University, 1937; Graduate, United States Air Force Institute of Technology, 1953

In Geology

JAMES DUDLEY CARL, B.S., University of Missouri School of Mines and Metallurgy, 1957
 ALLEN REED KRUEGER, A.B., Antioch College, 1955
 SAMUEL SEH-SHUE LEUNG, B.S., National Taiwan University, 1957
 ROGER GLEN WOLFF, B.S., South Dakota School of Mines and Technology, 1958

In Home Economics

ELIZABETH LINCOLN HALLMARK, B.S., University of Tennessee, 1958

In Home Economics Education

EVELYN JEAN KOLLER, B.S., Wheaton College (Illinois), 1955

BETTY COLEMAN THOMAS, B.S., Wayne State University, 1949

In Journalism

PHIL BRYAN JONES, B.S., 1958

In Library Science

AARON GREEN, A.B., University of California (Berkeley), 1939

HAZEL DETER NICE, B.S., Goshen College, 1952

VIRGINIA GLENN RUBINSTEIN, A.B., University of Tennessee, 1956

JULIA HARDESTY TRIPLEHORN, A.B., Ohio Wesleyan University, 1957

HILDA FRASE WOMACK, B.S., St. Ambrose-Marycrest College, 1949

In Management

RICHARD HARRY FABRIS, B.S., La Salle College, 1958

WILLIAM THEODORE HERMAN, B.S., 1958

In Marketing

CARL JACOB SCHUETZE, JR., B.S., 1958

In Mathematics

JACK WILFRID BISHOP, A.B., University of New Mexico, 1956; B.S., 1958

GORDON EDGAR CASH, B.S., 1958

LENA CHANG, B.S., 1958

JAMES FREDRICK DEVINE, B.S., 1958

DALE EUGENE KAISER, B.S., 1954

JOSEPH GEORGE KAPPEL, JR., B.S., St. Louis University, 1956

BHUBANANANDA RAY, A.B., Utkal University, 1945; A.M., University of Calcutta, 1947

MICHAEL SAMUEL SKAFF, B.S., University of Michigan, 1958

In Mechanical Engineering

ARAMANGALAM ASTHAGIRI ANANTHANARAYANAN, B.S., University of Madras, 1950; B.Eng., Annamalai University, 1954

ARTHUR MARVIN CLAUSING, B.S., Valparaiso University, 1958

DANIEL EDWARD CZERNIK, B.S., 1959

SHASHINATH JAIWANT GUDE, B.Eng., University of Poona, 1956

WILLIAM FREDERICK SHARP, B.S., 1958

ERNEST MYLES WILLER, B.S., 1959

KHAJA ZUHURUDDIN, B.Eng., Osmania University, 1958

In Metallurgical Engineering

WILLIAM THEODORE BECKER, B.S., 1957

KENNETH THOMAS KAMBER, B.S., 1958

In Microbiology

JOANNA GAIL SKEIVYS, B.S., 1958

RAYMOND CARLYLE VALENTINE, B.S., 1958

In Mining Engineering

ARTHUR RICHARD SCHLEICHER II, A.B., Oklahoma Baptist University, 1956

HASAN NECDET SUNAY, E.M., Colorado School of Mines, 1958

In Music Education

JAMES MILTON BRINKMAN, B.S., Quincy College, 1957
ARTHUR RAY KELLER, B.Mus.Ed., Bradley University, 1959
BEATRICE MARTHA WRIGHT, A.B., Greenville College, 1955

In Physical Education

JEFFREY MINER AUSTIN, B.S., 1955
JOHN RICHARD BAUER, B.S., 1958
THOMAS WAYMAN LEAMING, A.B., Earlham College, 1954
JAMES THOMAS SCHULDIT, B.S., 1954
JAMES STANFORD SKINNER, B.S., 1958

In Physics

RICHARD KEITH AHRENKIEL, B.S., 1959
VAN FONKEN WILFORD BLUEMEL, B.S., University of Michigan, 1956
JAMES ROBERT BOYD, A.B., Hastings College, 1958
ROBERT GERALD CAWLEY, B.S., Massachusetts Institute of Technology, 1958
BRENT C. CUMMINGS, B.S., University of Idaho, 1958
RICHARD LEO FREDRICKSON, A.B., San Diego State College, 1958
HOWARD MICHAEL GILDER, B.M.E., Cooper Union, 1958
STANLEY PHILLIP GUDDER, B.S., Washington University, 1958
DAVID WALTER HAFEMEISTER, B.S., Northwestern University, 1957
RANDOLPH HARTVIG JEPPESEN, A.B., Montana State University, 1958
JOHN WILBERT KANZ, B.S., University of Washington, 1958
RONALD NORMAN LEE, B.S., 1958
CHARLES HERBERT NEUMAN, B.S., California Institute of Technology, 1958
TIN OHN, B.S., University of Rangoon, 1956
JOHN RICHARD PARSONS, B.A.Sc., University of Toronto, 1958
OTIS GRANVILLE PETERSON, B.S., 1958
DAVID NIEMAN PIPKORN, B.S.E., Princeton University, 1958
WILLIAM REESE, A.B., Reed College, 1958
RICHARD WHITE SIEGEL, A.B., Williams College, 1958
DOMINIC ORESTES SKAPERDAS, B.E.E., M.E.E., New York University, 1950, 1954
ROY STEPHEN TUCKER, B.S., Trinity College, 1958
EMERY CLARANCE WISMAN, B.S., 1958
CHARLES GORDON WOHL, A.B., Harvard College, 1958

In Physiology

ALMA WINIFRED DRAKE, B.S., Purdue University, 1955
FORREST RAYMOND GOODALL, A.B., Colby College, 1956
RICHARD ALAN NYSTROM, B.S., Tufts University, 1957
ROBERT JOHN SIMPSON, A.B., Houghton College, 1950

In Speech Correction

JUDITH BAN HASTEROK, B.S., 1954
JACQUELINE MARIE PIEPER, A.B., B.F.A., 1941, 1943

In the Teaching of Biological Sciences and General Science

GEORGE RICHARD ABRAHAM, B.S., Wisconsin State College (Superior), 1953

In the Teaching of Chemistry

EDWARD LAPORTE SAFFORD, B.S., Northern Illinois University, 1958

In the Teaching of Mathematics

PHYLLIS JEAN WATTS, A.B., Monmouth College, 1955

In the Teaching of the Physical Sciences

MARGARET HALL KLOCK, B.S., University of Missouri, 1956

In Theoretical and Applied Mechanics

CHU-SHIANG CHEN, B.S., National Taiwan University, 1956
 JAMES DENNIS LEASURE, B.S., Drexel Institute of Technology, 1958
 SHUN-KU LEE, B.S., National Taiwan University, 1956
 RALPH IVAN STEPHENS, B.S., 1957
 I CHIH WANG, B.S., National Taiwan University, 1956

In Veterinary Medical Science

JOHN CONNER BARTLEY, B.S., D.V.M., Colorado State University, 1954, 1956
 GANPATRAO MARUTIRAO KANGUDE, Diploma, Bombay Veterinary College, 1945
 DEVARAKONDA KRISHNA MURTY, B.V.S., University of Madras, 1943

Degree of Master of Music

PATRICIA ANNE McLEAN FRANKLIN, A.B., Washington State University, 1956
 STERLING SCOTT JONES, B.Mus., University of Wisconsin, 1951
 FRED A POPE PIERCE, B.Mus., University of Louisville, 1949
 NORMA JEAN MENTZER RUSSAK, B.Mus., Oberlin College, 1957

Degree of Master of Education

JOYCE WHITE ASHBY, B.S., 1954
 ROBERT DEAN BECKER, B.S., Illinois State Normal University, 1955
 MARTHA MARIE CARBERRY, B.S., 1958
 KUO-LIN CHUNG, B.Ed., Taiwan Normal University, 1954
 JOHN MARTIN CIESIELSKI, B.S., Illinois State Normal University, 1951
 ROBERT LYNN CLEVER, A.B., 1959
 ROBERT LOUIS DAVIS, B.S., 1952
 ROSETTA FAY DAWKINS, B.S., Illinois State Normal University, 1956
 RITA FRANCES EPLEY, B.S., Eastern Illinois University, 1950
 JAMES EUGENE FINICAL, B.S., Eastern Illinois University, 1954
 MARY EILEEN GAVICAN, B.S., 1957
 JOAN LEE HARDEN, B.S., Illinois Wesleyan University, 1954
 CONSTANCE BENNETT JOHNSON, B.S., 1958
 ALICE JEAN JONES, B.S., University of Pittsburgh, 1956
 LESTER EUGENE KLAY, B.S., Eastern Illinois University, 1953
 SARYAN LERTPRUK, A.B., Diploma, Chulalongkorn University, 1955, 1956; M.S., 1958
 JAMES ALBERT MAJER, B.S., 1955
 ROBERT EUGENE MATHIS, A.B., University of Oregon, 1951
 DATHANIE McSWINE, B.S., Lincoln University (Missouri), 1955
 RUSSELL LEROY MINARD, A.B., Earlham College, 1958
 ROBERT EDWARD PRELLER, A.B., Northwestern University, 1957
 GEORGE PIERCE PSAUTE, A.B., Olivet Nazarene College, 1950
 ROSEMARY STANTON RICHARDSON, B.S., 1958
 JOSEPH EARL ROSS, A.B., McKendree College, 1957
 NETTIE ROBERTA KLITZING SABIN, A.B., Greenville College, 1953
 EDWARD SCHUTZMAN, B.Ed., Duquesne University, 1951; B.S., Pennsylvania State University, 1952
 JOHN ROY SCHWALBE, B.S., Stout Institute, 1950
 ARTHUR SHARPE, JR., A.B., Harris Teachers College, 1955
 STEPHEN WILKIN SPUDICH, B.S., Rockford College, 1959
 LARRY ARTHUR STONEBURNER, A.B., Augustana College (Illinois), 1956
 EDYTHE BAT TOM, B.Ed., University of Hawaii, 1948
 JEANNE MARIE JOSEPHSON TREBBIEN, A.B., 1955
 ANNA MARIE PORTER WALL, A.B., 1958
 ERNEST WARREN, B.S., Eastern Illinois University, 1949

Degree of Master of Architecture

GEORGE LEWIS CRAIG, B.S., M.S., Virginia Polytechnic Institute, 1954, 1955
 ROBERT DAVID LITVAN, B.Arch., 1958
 HOUNG LIN SWEI, B.S., Taiwan Provincial Cheng Kung University, 1955
 JIA-HUEI YEE, B.S., Taiwan Provincial Cheng Kung University, 1956

Degree of Master of Accounting Science

JOHN ALLAN BROWN, B.S., Illinois Wesleyan University, 1958

DONALD ERVIN KIESO, B.S., Aurora College, 1958

Advanced Certificate*In Education*

JOHN ROBERT DOBSON, A.B., A.M., 1938, 1952

EARL LEE, A.B., Shurtleff College, 1946; Ed.M., 1955

RALPH ANSLEY WANTLAND, B.S., Illinois State Normal University, 1949; M.S., 1952

COLLEGE OF AGRICULTURE**Degree of Bachelor of Science***In Agriculture*

HANS JENS ANDRESEN

RICHARD REED ANDRESS

CHARLES ROBERT APER

BRUCE NATHANIAL BECKMANN

ROGER KEITH BOTTRELL

JOHN WARREN BROWN, JR.

VERNON EUGENE BUSBOOM

EARNEST LAVERLE CHAPMAN

LARRY LYNN CLARK

LAWRENCE ALVIN DUEWER

STANLEY RAY EDEN

HAROLD LEROY EVANS

LESTER CECIL FARRIS

JOHN ARDEN FASSLER, High Honors

GEORGE WELDON FOGAL

ROBERT JAUDON FOSTER

JOHN ANDREW GESELL

ROGER DWIGHT GILLESPIE

MILTON CHARLES HALLBERG

WAYNE JOEL HEBERER, Honors

JOHN GEORGE HUFTALIN

BILLY SHERWOOD HULL

RONALD LEE IOERGER

ROBERT JOHN

PERCY RANSOM JOHNSON

RONALD ERNEST JUNKER

EARL RAYMOND KARGES

ANTONE LLOYD KEMNETZ

ROGER FRANKLIN KENSIL

DALE FREDRICK LARSON, Honors

PAUL VERNON MALVEN, High Honors

DONALD LEROY NOONAN

GENE ELLSWORTH POTTER, High Honors

ELMER LEE READLE

KENNETH WILLIAM RIECKS

DONALD ALLEN ROBB

CLYDE ALBERT OTTO RUNGE

KENNETH FRANCIS SCHWAB

CLYDE FRANK SMITH

DON THURLOW SMITH

ROGER WILBUR STEIGER

DONALD OSCAR STEINKAMP

ALLAN FRANCIS VINTON, JR.

GERALD ANDREW WILSON

JOHN LARUE WOODS

OSCAR GENE WRIGHT

KENNETH WADE WYATT

In Dairy Technology

JOHN WESTERLAND KIBLER

LEON HENRY LANGHAUSER

In Floriculture

CAROL STONEMAN ROLLER, Honors

HERLEY CURRY THOMPSON

JAMES LOUIS SANDENO

In Food Technology

STEPHEN LEONARD NORTON

In Home Economics

ROSAMUND ALBERTA ASHWILL

PATRICIA KENTNER BIELEFELD

BARBARA FAY BROWN

KARIN LOUISE EKDAHL

PAMELIA PALMER FAWCETT

WENDE WALTA CLAUDIA FEITLER

CAROL ANN JACOBSON

NANCY MARIE KAY

JOANNE ALDENE LEONARD

EDRA SCHNEIDER McHARRY

SAROJA SPIRAMULU METTA

KATHERINE AGNES NIEMEYER

MARY KATHRYN PETER

MARION LILLIAN STUENKEL

YOON-HEE SUK

MARJORIE ANN SWANSON

MARIAN MURRAY VREELAND, Honors

In Home Economics Education

NANCY JOHNSON HENDERSON

KAY DOUGLAS WALTERS

COLLEGE OF ENGINEERING**Degree of Bachelor of Science***In Aeronautical Engineering*

KENJI GEORGE ANDO, High Honors

DONALD JAY BECK

CHARLES THOMAS CASE

LAWRENCE HUGH COLLIFLOWER

GEORGE PAUL EDGELL

JAMES EDGAR FORRESTER, JR.

MILTON ALVIN HAEFNER, Honors

WALLACE JAMES HAHN, JR.

WILLIAM HENRY HUFFMAN

GREGORY WAYNE JORDAN

BERNARD ROBERT KIBORT

RICHARD STANLEY MICHALAK

RICHARD ARNOLD NORDSTIECK

SHELDON OSHEFF

KENNETH PENNINGTON

EDWARD JAMES ROLLO, JR.

RICHARD WAYNE SIEVERS, Honors

HOWARD SPRINGER

RONALD OWEN WOODS

In Agricultural Engineering

ERWIN ONNO ARENDS

FINIS WILLIAM SCHULTZ

CARL HEINZ SILVA

In Ceramic Engineering

CHARLES WILLIAM BALDRIDGE CONNORS

JOHN FRANKLIN KRUMWIEDE, Honors

MILTON CHARLES OTTO

FREDERICK VINCENT REVEN

EARL FREDRICK SCHAEFER

In Civil Engineering

DARWIN GENE ABBY

ROY LEE ALLEN

MANUEL ANCIZAR DUQUE

LESTER SIDNEY BAKER

HAROLD EUGENE BIRKEY

TERRY WILLIAM BOLLAND

ROBERT MARSHALL BROWN

HAROLD GLENN CLARIDA

EDWARD PAUL COOK

RONALD DENNIS CROWELL

ROBERT W. DIETZ

JERRY MARVIN DUNLAP

RUSSELL WAYNE FAUST

JAMES ELLIOTT FEE

MILTON SUMNER FISTEL

JOSEPH WILLIAM GANCI

NICHOLAS JOHN GEIBEL

CHARLES DENNIS GRIGG, Honors

JOHN ROBERT HAWTHORNE, JR.

CHARLES WILLIAM HUNT

EUGENE VASILY IGNATOV

RICHARD FRED LANYON

JACK CHARLES MARCELLIS

JOHN ARTHUR MARTELL

DORIAN ARVO NIEMI

DAVID HENRY OVERAKER

ROBERT FRANCIS PETERS

HOWARD ESTES REEVES

LARRY ALAN RENCH

FRANK JOSEPH RIZZO, Honors

THEODORE CLYDE SCHNEIDER

ARNOLD FOLKE SEABERG, Honors

FREDERICK JAMES SENA

DENNIS CHESTER STANKE

EDWARD JOSEPH STROUGAL

ROBERT WILLIAM SULLIVAN

ANTHONY SPIRO TADIN

RAYMOND RICHARD TOMASKO

SEYMOUR ROBERT VAN DEURSEN

FRANKLIN RALPH VAN MATRE

CHARLES ORAL VELZY, Honors

BRUCE EDWARD WARLOE

ROBERT MARION WILLIFORD

In Electrical Engineering

ALLEN DALE ADAMS

BRUCE COLEMAN ANDERSON

EDWARD WINDSOR BAILEY

ALVARO BARRERA TORRES

DONALD KENNETH BATES

RONALD EUGENE BERLIN

GERALD NELSON BIESTER

DAVID EDWARD BLAND

JOSEPH DANIEL BOENITZ, JR.

RICHARD ROBERT BOSE

RICHARD LEO BOWERS

JOHN RICHARD BRANDENBERGER

FRANCIS GENE BRICKER

JOHN ANDERSON BRINKER

LESLIE WALTER BUHRMESTER

RONALD FREDERICK CAPRATA

ALFRED CHO

HENRY SHUI CHING CHOW

EDWARD CRAIG CLEVELAND
 THOMAS FRANCIS CURRAN
 ROBERT MICHAEL CZAJKOWSKI
 MELVYN BERNARD DEMATOFF
 DANIEL LEIST DILTS
 ROBERT JULIUS DONNER
 DONALD ARTHUR DRESCH
 ROBERT CALHOUN ED
 JON WILCOX ERICKSON
 GORDON RICHARD FABIAN
 WALTER CLAYTON FARLEY
 JAMES FISK
 LEROY CHARLES GALL
 DONALD KENNETH GEORGI
 DARRELL LEE GIESEKING
 LEONARDO GOMEZ RUEDA
 JAMES CURTIS GREEP
 CARL LAWRENCE GRUBER, Honors
 KENNETH CHARLES GUTH
 PAUL ERWIN HALL
 DAVID HENRY HARWOOD
 LOWELL DICKEY HEDGES
 JOHN THEODORE HOJNACKI
 ERNEST JOSEPH HOOD
 ROBERT WILLIAM INGRAM
 EDWARD THOMAS JOHNSON
 JOHN FRANKLIN KAMPMEIER, High
 Honors
 MICHAEL JEROME KELLY
 JOHN JOSEPH KENNEDY
 EUGENE KIOLBASA
 DELOS THOMAS KITTOE
 FRANKLIN RALPH KOLLER
 JACOB KOOPMANS
 JOHN ALLAN KORNFELD
 JOHN WARREN KRAVCIK
 MELVIN EARL KREJCI
 JAMES ARTHUR LEAVERTON
 KEITH JOHN LENTNER
 ORESTE JOSEPH LUCCHESI
 RICHARD GUSTAV MAEDE

JOHN HOWARD MAENPAA
 WALTER OTTO MARQUARDT
 ORVILLE LEE MCCLELLAND
 JACK DENNIS MELZER
 LARRY MEOLI
 VITO MILIAUSKAS
 GERALD PHILLIP MINARCIC
 VIKTOR MINNESTE, JR.
 JOHN SHERIDAN MURRAY
 THOMAS ALBERT PACER, Honors
 PAUL LEVI PARSONS
 ROBERT FRANK PASTERIS
 DAVID WILLIAM PRINE
 ROGER ALLEN PYATT, High Honors
 JOHN JEROME QUINLIVAN
 GLEN HARRY REDIESS
 VERNER KENNETH RICE, JR.
 ORVILLE ALTON RICH
 PETER LEONARD ROSE
 LOREN LUMLEY SANDERS
 CHARLES SPRINGER SCHECK
 DONALD HOMER SHAVER
 RICHARD DONALD SIGRIST
 DONALD RUDOLPH SORCHYCH
 MARCUS STALOFF
 SARANTIS PETER STAMATIS
 JOHN EDWARD STICKLING
 DARYL JOHN STRAHAN
 KWANG GUN TAN
 RICHARD JOHN TWAROWSKI
 JOHN FREDRICK VANDERMOLEN
 DONALD NORMAN WARD
 PAUL BROOKS WEAVER, JR.
 ROBERT LEE WERTH
 NORMAN LEE WHISLER, High Honors
 ROGER MOFFET WHITSON
 JAMES MASON WILLIAMS
 HOWARD LEROY WIRSING
 JOHN WALTER WOLF
 HOWARD LAURANCE WOLFMAN
 CHARLES WILLIAM WOODWARD

In Engineering Physics

RICHARD WILLIAM BLOMME
 RICHARD JAMES BURTON
 JAMES FRANCIS MCINERNEY
 NORMAN LEWIS PRUVOST

RAYMOND JOSEPH SARWINSKI
 EARL DAVID SHAW
 RICHARD BRUCKNER STATHAM

In General Engineering

WILLIAM JACOB BAUM
 JAMES PATRICK BRUEN, Honors
 KENNETH WILLIAM BURCH
 JACK LEROY DIEDERICH
 WILLIAM DONALD DILLMAN
 THOMAS HARDY GABBARD, Honors

DAVID EDWARD HARTNETT
 OTIS EUGENE HUBBARD
 MELVIN FRANCIS JAGER
 MARVIN LOUIS MRNKA
 MAX EUGENE QUIGLEY

In Industrial Engineering

RICHARD BURNHAM BERBAUM, JR.
 DAVID LEWIS FISCHER
 JAMES LEE GHIGHI
 BERNARD GENE RICHARDS
 THOMAS FRANK SLANINKA

JOSEPH ROGER STRODE, High Honors
 WILLIAM STEPHEN WESTERMAN
 JAMES EDWARD WHEELER
 RAYMOND GUY ZELLER

In Mechanical Engineering

LAWRENCE ALLEN ABBOTT
 EGON STEPHAN BABLER
 GABRIEL BARBOSA
 JOSÉ ANTONIO BARRAGÁN RUIZ
 KNUD OTTAR BERGE, High Honors
 RICHARD JOHN BERTOLDI
 ALFRED HENRY BOOTS
 JOSEPH ROBERT DEMARAIS
 RICHARD ARTHUR DEPAUW
 JAMES BARTA DOYLE
 WILLIAM DENNIS DOYLE
 DAVID ALBERT ERICKSON
 DOUGLAS ROSS FARR
 ROBERT THEODORE FISCHER
 RUSSELL EDWARD FUNDERBURG
 CARLOS ALBERTO GARCIA LEON
 MILTON JAMES GARDINER
 STEPHEN STALEY GROVES II
 CARL TRUMAN HALE, JR.
 CARL BERNARD HILBLOM
 ROY GEORGE HLAVACEK
 KENNETH MAX JAUCH
 LAWRENCE CLINTON JOINER
 RICHARD LOUIS KOSS
 GEORGE CARL KUHLMAN, JR., Honors
 JOHN CHARLES LEMAK
 EDWARD ALLEN LIESKE
 JOHN GERALD MATHEIS
 JOHN EDWARD MCGREAL
 DON EDWIN MILLER

GEORGE EDMUND MILLER
 LARRY DEAN MITCHELL
 MOHYIEDDIN ABDUL GHANI MOHAMMAD
 ABRAHAM A. MURRA BABÚN
 JAMES PRESTON NEAL IV
 JOHN JOSEPH NELSON
 PHILIP ALAN NELSON
 PHILIP RAY NELSON
 ROBERT EARL NETH
 RONALD STANLEY NIETUPSKI
 GERALD LEROY OELBERG
 DAVID IRVIN PARKER
 DON EDWIN PETERSEN
 PETER PHILIP PHILHOWER
 MICHAEL THEODORE ROTTER
 RUSSELL RAY RUPPEL
 ALBERT LEO RUPPERT, JR.
 RICHARD ALBERT SCHAEFFER, High Honors
 BOBBY RAY SCHELLER
 DAVID ALAN THOMAS
 WALTER URIC THOMPSON
 GUS H. TRESLO
 KENNETH FOLKE ULLENUS
 JOHN DREW UNISON
 JOHN EDWARD VAULATO
 GEORGE DONALD WISNIOWICZ, Honors
 JOSEPH WILLARD WISWALL
 WILLIAM ALLAN WORKMAN
 HOMER FRANKLIN WRIGHT, JR.

In Metallurgical Engineering

CHARLES ROBERT CASEY
 THEODORE CHARLES DREYER
 CHARLES ERNEST GODFREY
 MICHAEL HYMAN

BARRY GEORGE KOEPKE, Honors
 GEORGE JOSEPH SCHAUNER
 DAVID FORREST TOWER

In Mining Engineering

WILLIAM EUGENE CULLUM
 GABRIEL FORERO DE FRANCISCO

JAMES CLARENCE LARSON

In Sanitary Engineering

GEORGE MINORU TERAMOTO

COLLEGE OF LIBERAL ARTS AND SCIENCES**Degree of Bachelor of Arts***In Liberal Arts and Sciences*

BESSIE ADAMIDES
 ALBERT WILLIAM ALBRECHT
 DONALD ROBERT ALDEEN
 GENE SCOTT ANDERSON, Honors in
 Liberal Arts and Sciences
 LINDRA VALLALY ANDERSON
 GUY PERCY BALMER
 LYNETTE FAY BARRY
 DAVID ALLEN BENDER
 ESTHER LEWITZKY BLAU, Honors in
 Liberal Arts and Sciences
 THOMAS MICHAEL BLOOM, Honors in
 Liberal Arts and Sciences

JOHN EARL BONE
 WILLIAM EUGENE BOROS
 KENNETH RAYMOND BOYLE, Honors in
 Liberal Arts and Sciences with
 Highest Distinction in Political
 Science
 LUCY C. BREGER
 ULLA CONSTANCE BREMS
 JOHN ALDEN BREWSTER, Honors in
 Liberal Arts and Sciences
 ROBERT LAYNE BURNETT
 JAMES OTTO BYRNE
 MICHAEL HERMAN BYRON

STEPHEN LEWIS CARMEAN, Honors in
Liberal Arts and Sciences

BARNEY DAVID CLAMAGE

ROBERT EARL COLEN

CLARENCE JAMES CROOKS, JR.

LINDLEY JANE CROUCH, Honors in
Liberal Arts and Sciences

KENNETH ROBERT DAVIS

SANDERS ROBERT DOLCE, Honors in
Liberal Arts and Sciences

JACK DAVID DONAHUE, Honors in
Liberal Arts and Sciences

EDWARD JOSEPH DUFFY

MARY ANN EUBANKS

ADOLPH BELDEN FIELDS, Honors in
Liberal Arts and Sciences with
High Distinction in Political
Science

SUSAN ELIZABETH FITCH

THOMAS GENE FREEMAN, JR.

EMILIE JENNIE GILLESPIE, Honors in
Liberal Arts and Sciences

ROBERT LEO GORMAN

PHYLLIS JEAN HANSEN, Honors in
Liberal Arts and Sciences

MARSHALL IRVING HARRIS

RICHARD EMIL HERBSTER

GAIL ELIZABETH HOY, Honors in
Liberal Arts and Sciences

KEVIN JOSEPH HURLEY, Distinction in
History

ANN HARRIS IHRIG

DONALD MELVIN KABAKER

MARY ANN KELLING, Honors in
Liberal Arts and Sciences

BERLIN KELLY

ROGER KLOSE, Honors in Liberal Arts
and Sciences

LINDA ANN KNOX

ROBERT JOHN KRAJCIR

EUGENE PAUL KRAVITZ

GEORGE EDWARD LADELFA

GLORIA ANN LANER

LARRY LEE LESSEN

CHAO-HUA LIU

ANN FLORENCE LIVINGSTON

BERNARD EUGENE MAREK

DONALD VINCENT MAREK

THERESA MATUSEVICIUS

WILLIAM HULL MAY

SANDRA CAROLE McCASLIN

ALAN FLEMING McLAUGHLIN

DONALD ROBERT McVAY

MARGUERITE CECILE MIZELLE, Honors
in Liberal Arts and Sciences

MARILYN RACHEL MURRAY

BARRY BENJAMIN NEKRITZ

KENNETH BURTON PEISER

CLOTILDE YVONNE PHELPS

BARBARA JANE POLLACK

FELIX ARMANDO QUIROS

SHIRLEE JUDITH RICH

ROBERT IRVING ROCKWELL

MARILYN EVELYN ROSS

EDITH LYNN RUBELL

DAVID NORMAN SATTEM

DAVID ARTHUR SCHAEFER

CAROL JANE SCHMALZ, Honors in
Liberal Arts and Sciences

LAWRENCE BENJAMIN SCHRIK, Honors
in Liberal Arts and Sciences with
Distinction in Spanish

ELIZABETH HAMILTON SHAFFER, Hon-
ors in Liberal Arts and Sciences

DONALD EDWARD SHAUGER

ALLEN IRA SORKIN

HARVEY JOSEPH STEELE

DAVID RAYMOND SULLIVAN

CHARLES SCOTT THOMAS

MARGO HELTON TUIE, Honors in Lib-
eral Arts and Sciences with High
Distinction in Psychology

GEORGE LAWRENCE TUTT

BRUCE FULLERTON WILLIAMS

ERIC DONALD WUTH

In the Teaching of English

SUSAN MOSHIER BAUER, Honors in
Liberal Arts and Sciences

BARBARA FRANCES BUSCH

CLARA JEAN LUEKER CARMEAN, Honors
in Liberal Arts and Sciences

BARBARA JEAN KATZ

JOAN ANDERSON McCLURE, Honors in
Liberal Arts and Sciences

KAY SANDRA McLEY, Honors in
Liberal Arts and Sciences

DONALD LEE NAGEL

KATHERINE JANE PARKER

KAYETTA SINKS, Honors in Liberal
Arts and Sciences

In the Teaching of French

LOUISE SIMON BROWN

ADELBERT FOREST CARPENTER

PATRICIA MARABETH CARROLL

In the Teaching of German

KIRSTEN IRENE BRONSTED LOMASK

In the Teaching of Social Studies

DAVID LAWRENCE BACHELOR, Honors in Liberal Arts and Sciences with Distinction in the Curriculum	JACK HOWARD CUTLER, Honors in Liberal Arts and Sciences
MARTHA VIRGINIA COOMBE, Honors in Liberal Arts and Sciences with Distinction in the Curriculum	BARBARA JEAN HUMMER
	GEORGIA FRANCES JACKSON
	RUSSELL EDWARD OLSON
	MARILYN ANN WILLIAMS

In the Teaching of Spanish

ROSE MARIE CZEKALA, Honors in Liberal Arts and Sciences with High Distinction in the Curriculum

In the Teaching of Speech

DOROTHY CHAMBERS PHILLIPS

Degree of Bachelor of Science*In Chemical Engineering*

NORMAN BRUCE ANGELO	EUGEN FRANZ POLKA
DAVID ROBERT FERGUSON	GEORGE HERBERT ROEMER, Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum
RONALD GENE FICKEL, Honors in Liberal Arts and Sciences with Distinction in the Curriculum	EUGENE DALE SINGER
FRANK TETSUO KAMBARA	FREDERICK JOSEPH SZYMANSKI
ISTOK MARCO LEBAN, Honors in Liberal Arts and Sciences with Distinction in the Curriculum	HEINO TAMM
ELIO PAUL NANNI, Honors in Liberal Arts and Sciences	RONALD VAN MYNEN

In Chemistry

BERNARD SAMUEL GREEN	HARRY DADY SIMMONS, Jr., Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum
CHUNG HO PARK, Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum	
MALCOLM BENNY POLK	

In Home Economics

NINA ARMEN NOUBAR

In Liberal Arts and Sciences

ALDONA STASE AVIZIENIS	MARK THEODORE FULMER
CARL WILLIAM BAUMANN	ROBERT ERNEST GIESEL
SYLVIA DEAN BELLINGS, Honors in Liberal Arts and Sciences	NEIL GEORGE GRANT
MARI KLEMOLA BROWN, Honors in Liberal Arts and Sciences	MERRILL HERBERT GREENBERGER, Honors in Liberal Arts and Sciences
RICHARD MICHAEL BRUGGER, Honors in Liberal Arts and Sciences	RODNEY LEE HAMBURG
CHRISTINE ELIZABETH BUZDYGAN	RONALD LAWRENCE HEIDKE
GARY WAYNE CAMENISCH	CHARLES WILLIAM HELMIG
GLEN PHILLIP CARTWRIGHT	CAROL LOU JOHNSON
CANDACE RUTH CLIFFORD	HIROSHI KANNO
BRUCE BENNER CRILEY, Honors in Liberal Arts and Sciences with Distinction in Zoology	JOSEPH ANDREW JAMES KOGUT
RAMON SAMUEL DE MARK	VITALIJA KRIAUCIUNAITE
ELDON WENDELL DURR	RICHARD ARLYNN LACQUEMENT
ADRIENNE ENGELHARDT	BARBARA ANN LAZAR
STUART GERALD FERST	JOHN TUGAW LEGIER
WILLIAM ROBERT FISHBURN	GARY JOE LOGAN
ELEANOR ANDERSON FLINN	CAROL WROBLEWSKI LUKER
	THOMAS BENJAMIN MALTAS
	CHARLOTTE ELIZABETH MAY

EILEEN JANET McWILLIAMS, Honors
in Liberal Arts and Sciences
WILLIAM DALE MESSERSMITH
WILLIAM FRANCIS MIDDLETON
PHILIP LAN-SHEU MOY
MELVIN GEORGE PROVENCHER, Honors
in Liberal Arts and Sciences
WILLIAM FRANKLIN RIPLEY
ROCHELLE MYRA ROSENBERG
WALTER RICHARD RUF
GEORGE EDWARD RUSSELL

LEON PAUL SHALLA
SHERWIN SPIRA
STANLEY TINSLEY
BARBARA ARLENE TOBOR
ROBERT BRUCE TOWNSEND
DORIS SIDNEY ULLMAN
JAMES EDWARD VERMETTE
ROBERT ARTHUR WALLHAUS
FRED HODGES WARRICK
DAVID ARTHUR WEBSTER
BETTY ANN WILK

In Physics

FRANCIS DONALD BUCKLEY

In Speech Correction

SONYA OLSON BUDKA

In the Teaching of the Biological Sciences and General Science

MARION ESSIE EGGERS
DIANA RUTH FRANCIS
JURA BERNICE GELAZIUS
RALPH EDWARD GOOD

MARCUS LLOYD GRICE, JR.
JENNA LAMBERT STICKLER, Honors in
Liberal Arts and Sciences with
Distinction in the Curriculum

In the Teaching of Chemistry

JUDITH SUSAN WRIGHT

In the Teaching of Physics

ALFRED EUGENE RICCOMI

COLLEGE OF LAW

Degree of Bachelor of Laws

DONALD GENE COHAN, A.B., 1957
CHARLES ALLEN COVEY, A.B., Gettys-
burg College, 1955
CARL WILLIAM GABEL, A.B., 1955

JAMES JOSEPH GENDE, B.S., 1950
ALLEN STEPHEN PESMEN, B.S., 1957
CHARLES EDWIN SHEPHERD, B.S., 1955
RICHARD CHARLES STEVENS, A.B., 1954

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In Education

EDWARD CHARLES ANDREWS
VIRGINIA BOWLES KARPAWICH
BARBARA RUTH SIMON MARX
DIANA DIXON ROTHERT
GARY WILLIAM SABEN

RONALD WOODROW SADEWATER, High
Honors
WENDELL EMERSON ST. JOHN
LINETTE GLEASON SCHUG
MARGO SULLIVAN

In Elementary Education

SONJA MARIE ALEXANDER
ALMA TOSHIE AOYAGI
DARLENE JANET BAKER, High Honors
MARGARET LAWRENCE BUCHANAN
PATRICIA ANN CONNOR
WANDA WYLLIE DIESNER
KAY WHITLOW DOUGLASS
ANNE EASTBURN
BEVERLY JOYCE FINKELMAN
JUDITH ILENE GELMAN, Honors
SALLY GELSTEIN
SANDRA ANN GOLDBERG
CAROL ANNE HAY, High Honors

CORALEE DENNIS HOLT
SYLVIA HILL HUFFMAN
NANCY LOUISE HUSTON
CARLOTTA PAULA KAISER
HARRIET ELAINE LANG
MURIEL ROSIN LIPSON
JEANETTE LEE LOHBAUER
CHARLENE ELIZABETH LUEBKE
SHEILA ANN McMILLAN
LEE MILLER
ROZANNE MILLMAN
PATRICIA ANN NELSON
JUDITH LOUISE OHLSON

DONNA LUCILLE SEARING
 JEAN MARIE SQUIER
 LAURIS GOFF STAINTON
 CAROLE WIEHE STIVEN, Honors

KARIN JANE WILLIAMS
 NANCY LEE WILSON, Highest Honors
 VIRGINIA ROSE ZOLLA

In Industrial Education

CARL PAUL AUDD
 LORY THOMAS BONNER
 THOMAS THEODORE BROWNFIELD
 ROBERT IRWIN GOODWIN
 JOHN CLIFTON HARRINGTON

DON GORDON LARSON
 ALAN BERNARD LATZ
 CLIFFORD ABBOTT LEVITAN
 ROY MALLINSON
 WILHELM CARL MAYER

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

CHARLES MORRIS BLEY, Honors
 BRUCE BARTON BOWERS
 RONALD LEE BRETZLAFF
 RONALD DALE BROWN, Honors
 LOUIS JOHN FABBRI, Jr.
 SHAN RICHARD HISE
 PAUL HERMAN HOFFMEISTER
 STEWART WAYNE HOLLOCKER
 DENNIS THADDEUS KAAS
 NEIL IRWIN KAPLAN
 DAVID JULES KAYNER
 RAYMOND BEN KUEY LEE
 GERALD ALAN LEEB
 DAVID EARL LIPSON
 STEVE LARRY MARCUS

MICHAEL STAMOS MARIS
 GUS MIHALOPULOS, Jr.
 CECIL WAYNE NEAL
 ISAAC OBERMAN
 ROBERT LEWIS PACKARD
 HARVEY STANFORD PINE
 ROBERT EARL RAINSEBERGER
 RICHARD EUGENE RAPP
 ROBERT LEE SAGADINE
 ALBERT EDWARD SMITH
 LYLE DAVID SMITH, Honors
 GERALD FRANCIS TIETZ
 ROBERT LEWIS WALLIS
 ORVILLE AUSTIN WISEMAN, Jr.
 JANET DOROTHY ZACHARIAS

In Commerce and Law

JAMES FOWLER BANTON

ROBERT MILES PHILBROOK, Jr.

In Commercial Teaching

SALVATORE ANTHONY DISPENSA
 NADINE JANES KISER

BETTY BRADSHAW WADE

In Economics

WALTER FORD
 RAY WALLACE KOHEN

PALMER DEWAIN LEE
 RAY EDGAR LOGAN

In Finance

ROBERT FRANCIS GANGALA
 CHARLES VERNON HENDRICKSON
 LAWRENCE FARMER HORNBECK
 WILLIAM CHARLES IEUTER

LESTER ARTHUR JENSEN, High Honors
 ROBERT WILLIAM OLSON
 JAMES EDWARD SHOTLIFF
 THEODORE TRAVIS

In Industrial Administration

GEORGE ALAN CAMERON
 WILLIAM LAWRENCE FEDOR
 JOSEPH WARREN GLASS
 EDWARD ROBERT KUCH
 RONALD PAUL LISICK

THOMAS BRUCE MACNEISH
 CHARLES LEONARD PHILBLAD
 ROBERT FRANK PRIEVE
 RONALD BRUCE SHIPKA

In Management

JOHN JOSEPH ARENDS, Jr.
 WINFRIED KWAMI BIDDIER

VITA ANTANINA CERSKUS
 JOHN CLIFFORD HALL

DAVID ELLIS HART
 THOMAS MICHAEL HEFFERN
 DOUGLAS RAY INGRAHAM
 RANSE WALTER KESL
 CHARLES JOSEPH MALICKI
 CARL PATRICK MARRONE, JR.
 ROBERT JOSEPH MECH

NEIL LAWRENCE MURPHY
 VIRGIL LESTER REED, JR.
 WAYNE LEE SCHULTZ
 ALAN ARTHUR SWANSON
 WILLIAM EDWARD URE
 CHARLES EDWIN VOHS
 JAMES DALE YOUNG

In Marketing

DAVID LEE BIRA
 ROGER MARSHALL BIELEFELD
 MAURICE THURSTON BOBBITT II
 CHARLES PATRICK BROWN
 ROBERT STANLEY CARLSON
 FRANK LEE CLINTON
 HARVEY EDWIN COHEN
 RICHARD WALTER DUBBERKE
 PHILLIP HENRY FIELD
 RONALD BURTON FIELD
 MARVIN FRUCHTER
 ROBERT LOUIS HECKLER
 MARVIN LESTER HERMAN
 NORMAN RAY HULL
 KASIMIR KURT KAZMIERSKI
 WAYNE FLOYD KELLER
 HOWARD LEE KRAVETZ
 JOHN ROBERT KURINSKY
 JOHN PATRICK MCCLORY

GILBERT JACK MILGROM
 WILLIAM DONOVAN NAYLOR
 AINA OSIS
 PATRICK JOSEPH PALM
 JAMES FRANKLIN PALMER
 TERRY GRIFFITH PARKER
 PHILLIP BROOKE PETERSON
 JEROME PURZE
 NORMAN SHIRRELL SATTERFIELD
 RICHARD BUTLER SCHIFFMAN
 JOEL ALAN SEGALL
 WILLIAM PAUL SMITHING
 JOSEPH ANTHONY SPADARO
 LOUIS FRANK SPIZZIRRI
 RONALD CHARLES WACKER
 ROBERT JOSEPH WILCOX
 WARREN WRIGHT
 NATALIANO MARKIDO ZIRINO

In Secretarial Training

MARION ELIZABETH KLAJNLIK

In Urban Land Economics

ROBERT ADRIAN SNOW
 BENJAMIN BRUCE STEINBERG

KENTON CHARLES WILLIAMS

COLLEGE OF JOURNALISM AND COMMUNICATIONS

Degree of Bachelor of Science

In Communications

JERRY JAY BELSON
 MARVIN JAY BOEHM
 STEPHEN RALPH BROWN
 GEORGE PETER CALAMARAS
 RICHARD EARL CARLSON, Honors
 NORMAN KENDRICK CARRIER
 LINDA MILLER CRAIG
 NANCY ELIZABETH CUBBAGE
 HAROLD ARTHUR EDMONSON
 MARY ALICE EHRLICHER
 JOHN ALLEN FINLEY
 GERALD ROBERT GLAUB
 SHELDON ZISSE HOFFENBERG
 JAMES ROBERT HUTCHINS
 KENT WILLIAM KELLING
 PETER LANDIS KENDALL, High Honors

DAVID LEE LANGE
 RAYMOND LEE LEVIN
 HANS OTTO ALBERT LUSTIG
 JEROME MICHAEL MODJESKI
 MANFRED PAGEL, Honors
 DUANE RICHARD PLACKO
 MARILYN LAWRENCE PLEASANT
 JOHN ADDISON RAVENCROFT
 BARBARA ANN ROPERS
 WILLIAM MICHAEL ROTZ
 KEITH FRANCIS RYAN, Honors
 MARVIN BRADLEY SCOTT, High Honors
 BERYL GERALDINE SMITH
 MICHAEL COSGROVE WELSH
 WILLIAM DOUGLAS WHEELER

COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Architecture

SHERWIN JACK BRAUN
 DAVID LEE BROST

DANIEL HENRY FENDER
 MARCEL FREIDES

SEYMOUR REES FROLICHSTEIN
 ROBERT JOEL GLASER
 BENJAMIN FRANKLIN HARNISH III
 VALDMAR HEITUR, Honors
 GLEN HOWARD ISAACS
 ROBERT EUGENE JENKINS
 DAVID JAMES MARSHALL
 WARREN MASAICHI MATSUI
 ROBERT HARRIS OSTROW
 GARY EDWARD PECK
 HAROLD ADDISON PECKHAM
 KEITH LEONARD PETERSON
 JAMES FREDERICK PFISTER
 JAMES ROY SAULE

HAROLD STEVEN SCHATZ
 MICHAEL ERNEST SEYMOUR
 FRANCIS ROBERT SMITH
 LOUIS STANKAITIS
 ROBERT HOWARD STIEVATER
 GARY KEITH STONEBRAKER
 DONOVAN SWARTZ
 ANTONI WALENTY SZYSZKOWSKI
 RICHARD ALLEN TATER
 PETER MICHAEL TSOLINAS
 THOMAS FRANCIS TULLY
 LEONARD JOHN URBAN
 KESTUTIS ANTON VAICIUS
 WILLIAM EUGENE VAN WIENEN

Degree of Bachelor of Fine Arts

In Advertising Design

WILLIAM JOSEPH BONANSINGA
 JAMES ALBERT BUDDENBAUM
 BARBARA ANN BURDON, Honors
 JOHN ERASEMUS BUSSJAGER
 GLENN ALAN CUERDEN

DORA LEE
 AURELIA MARY MCCORMICK
 BRUCE SHERWOOD SCHULTZ
 PEGGY OVERSTREET SUTCLIFFE

In Art Education

SARA RICHARDS FRANK
 CHARLOTTE KAUFMAN, Honors
 WILLIAM EARL KORBUS
 MARILYN JOAN MILETICH

CLAUDIA LIPPERT MUELLER
 JANE COWLING POTTER, Honors
 HARRIET SPURLOCK SCHMIDT
 JAMES FREDERICK WOELL, Honors

In Industrial Design

SARA LILY BALBACH
 JOHN FOSTER CALL
 STEPHEN GABRIEL PALUCH
 JORDAN IRA ROTHEISER
 GEORGE WILLIAM SAUER

GEORGE JACOB UTZ
 PETER FRED VAN DYKE
 LARRY LYNN WELLMAN
 CHARLES MARTIN WIRTH

In Landscape Architecture

RAYMOND FREDERICK CAIN

BERNARD JOHN NIEMANN, JR.

In Painting

SUSAN DORRIS LEE

In the History of Art

SHIRLEY LOUISE COURTOIS, High
 Honors
 WELBORN DUNCAN EATON

JAMES DAVID KORNWOLF
 HERMAN GUSTAV PUNDT, Honors

Degree of Bachelor of Music

SIDNEY MURRAY, Highest Honors

GEORGE PAUL SANDERS, Honors

Degree of Bachelor of Science

In City Planning

CHARLES LARRY TOMPKINS

In Music Education

WAYNE HAROLD BRADTKE, Honors
 LOIS IRENE DONIGER, Highest Honors
 GLEN LOREN FERGUSON, High Honors
 MELVIN RONNY FINK
 JOANNE STORER FLYNN, Honors
 JULIA BARBARA CASH FROCK

GWENDOLYN JEAN HAYES
 JOHN LEMUEL SANDERS
 KAREN KATHALEEN SMITH, Honors
 EUGENE FELIX TOTON
 DAVID EARL ULFENG, Honors

COLLEGE OF PHYSICAL EDUCATION

Degree of Bachelor of Science

In Physical Education

DAVID IRWIN ASH
MARY ANN BAKER
GLENN WAYNE BELSLEY
JOSEPH CHESTER CWIK
EDGAR RUSSELL DANIELSEN
JAMES WALTER FRILLMAN
DONALD CHARLES GILKISON
STEPHEN DENNIS GRANT
ABRAHAM ISRAEL GROSSFELD

PAUL J. HARDY
ROBERT FRANCIS KLAUS
RONALD THEODORE KLEIN
ROBERT EUGENE LANZOTTI
RICHARD SHELDON LINKEMER
ALFRED JOSEPH OSTROWSKI
GEORGE JOHN SEDLACEK
DAVID LARRY STEWART
JOHN FRANCIS WOODS

In Recreation

SARA DUNCOMBE CAMERON
ASTRIDA VIJA DRULLIS

EILEEN GOLDMAN
MARIETT DAVENPORT McCALL

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

Degree of Bachelor of Science

WILLIAM EDWARD BAILEY, Honors
KENNETH REGINALD BIBA
GEORGE WILLIAM DYSON
ERWIN JULIAN FRANCO
RALPH McLEAN GERRARD
SYDNEY DION GRONERT
KENNETH EUGENE HEINICKE
CLARK E. HOBBY
GARRY VERN KENWORTHY
WILLIAM STUART MERCER

ALBERT DAVID PERNICHELE
JOHN TORRENCE RINALDO
DONALD GORDON ROLLER
GERALD STEINBERG
CHARLES RUEL THOMAS
JERRY ERNEST THOMPSON
RICHARD PAUL VENZKE
KENNETH THOMAS WRIGHT, JR.
DAVID DALBY WILLARD

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.)

- ABSHIRE, CLAUDE J., Research Associate in Chemistry, January 21-August 31, 1960, \$6000 a year (1-29-60).
ADAMS, MARY J. N., Instructor in Microbiology, February 1-June 15, 1960, \$666.66 a month (1-26-60).
ALAUPOVIC, PETAR, Research Associate in Animal Science (S), nine months from December 1, 1959, \$6000 a year, supersedes (1-29-60).
ARAKI, HUIHIRO, Research Associate in Physics (C), five months from February 1, 1960, \$600 a month (1-12-60).
BARRON, SAMUEL H., Clinical Assistant Professor of Pediatrics (Medicine), eight months from January 1, 1960, without salary, supersedes salaried appointment (1-21-60).
BITZER, DONALD L., Research Assistant Professor in the Coordinated Science Laboratory (C), seven months from February 1, 1960, \$11,000 a year, supersedes (2-2-60).
BRANIT, JOSEPH T., Clinical Assistant in Medicine (Medicine), eight months from January 1, 1960, without salary (2-2-60).
BRODY, VIOLA A., Research Associate in Psychiatry (Medicine), eight months from January 1, 1960, without salary, supersedes salaried appointment (1-21-60).
BROWN, OLIVER R., JR., Assistant in Education (University High School), February 1-June 15, 1960, \$444.44 a month, supersedes (1-15-60).

- BURCHELL, ROBERT C., Assistant Professor of Obstetrics and Gynecology (Medicine), two months from July 1, 1960, \$908.33 a month (1-26-60).
- CHANNAPRAGADA, RAO S., Research Associate in Mining and Metallurgical Engineering (C), seven months from February 1, 1960, \$7200 a year (1-12-60).
- COHEN, KENNETH, Clinical Assistant in Medicine (Medicine), eight months from January 1, 1960, without salary (2-10-60).
- CURTIS, HERBERT J., Assistant Professor of Mathematics and Acting Head of the Division (Chicago Undergraduate Division), one year from March 1, 1960, \$650 a month, and Assistant Professor of Mathematics for six months from March 1, 1961, \$600 a month, to render service during each academic year, supersedes (1-26-60).
- DEGRYSE, MRS. RUBY V., Instructor in Speech (Chicago Undergraduate Division), $\frac{1}{2}$ time, five months from February 1, 1960, \$2080 (1-12-60).
- EASLEY, JOHN A., JR., Visiting Lecturer in Education (University High School Mathematics Project), February 1-June 15, 1960, \$3800 (1-29-60).
- ECKHARDT, SUE A., Research Assistant in Botany, three months from January 1, 1960, \$383.33 a month (1-15-60).
- EPLEY, DONALD L., Instructor in Electrical Engineering (C), $\frac{3}{4}$ time, six months from March 1, 1960, to render service during the second semester of the academic year, \$4125 a year, supersedes (2-8-60).
- ESPENSCHIED, ROLAND F., Instructor in Vocational Agriculture, $\frac{1}{2}$ time, and in Agricultural Engineering, $\frac{1}{2}$ time, (C), seven months from February 1, 1960, \$8300 a year, supersedes (1-26-60).
- FEUCHTWANG, T. E., Research Associate in the Coordinated Science Laboratory (C), eight months from January 1, 1960, \$7000 a year (1-26-60).
- FOULKS, FREDERICKA L., Instructor in Occupational Therapy (Medicine), seven months from February 1, 1960, \$6100 a year (1-26-60).
- FRITZ, THOMAS E., Instructor in Veterinary Pathology and Hygiene (Veterinary Medicine), seven months from February 1, 1960, \$6000 a year, supersedes (1-22-60).
- GHOSH, ASOKE KUMAR, Assistant in Agronomy (S), February 1-May 15, 1960, \$416.67 a month, supersedes (2-2-60).
- GOODMAN, ALAN B., Research Assistant in the Institution for Tuberculosis Research, eight months from January 1, 1960, \$4400 a year, supersedes (2-10-60).
- GRILLO, MARIA A., Research Associate in Animal Science (S), eight months from January 1, 1960, \$6000 a year, supersedes (1-21-60).
- GRUBBS, EDWARD J., Research Assistant in Chemistry, one year from January 11, 1960, \$5200 (1-21-60).
- HAMILTON, TOM S., Adviser to Vice-Chancellor in India at the U. P., Agricultural University, Phoolbagh, U. P., under Contract ICAC-1258 with the International Cooperation Administration, beginning January 21, 1960 (five working days prior to arrival in India) and continuing until five working days after departure from India, but not later than June 30, 1960, \$1666.67 a month; in addition, allowances in accordance with Standardized United States Government Civilian Allowance Regulations (Foreign Areas) will be paid; supersedes (1-26-60).
- HERBST, RICHARD J., Assistant in Ceramic Engineering (C), $\frac{1}{4}$ time, February 1-June 15, 1960, \$137.50 a month; and Research Assistant in Ceramic Engineering (S), $\frac{3}{4}$ time, February 1-August 31, 1960, \$412.50 a month, supersedes (2-8-60).
- HESELBERTH, CASSIUS A., Instructor in Electrical Engineering (C), $\frac{1}{2}$ time, March 1-August 31, 1960, to render service during the second semester of the academic year, \$187.50 a month, supersedes (2-10-60).
- HUSSEY, FRANK L., Clinical Instructor in Radiology (Medicine), one year from September 1, 1959, without salary (1-21-60).
- JACKSON, JEANNE M., Instructor in Home Economics (C), February 1-July 31, 1960, to render service during the second semester of the academic year, \$416.67 a month (2-2-60).
- JANN, KLAUS, Research Associate in Chemistry, January 16-August 31, 1960, \$6600 a year (1-21-60).
- JOHANNSEN, ROBERT W., Associate Professor of History, indefinite tenure beginning March 1, 1960, to render service during each academic year, \$8000 a year, supersedes (1-22-60).

- KAHN, HERBERT, Research Associate in Clinical Science (Medicine), nine months from December 1, 1959, without salary, supersedes salaried appointment (2-4-60).
- KLAIN, GEORGE, Assistant in Animal Science (S), six months from January 1, 1960, \$2200 (1-22-60).
- KOYAMA, IKUKO, Research Assistant in Psychiatry (Medicine), six months from March 1, 1960, \$5000 a year (2-8-60).
- KRUMWIEDE, JOHN F., Assistant in Ceramic Engineering (C), February 1-June 15, 1960, \$422.22 a month (1-21-60).
- LAMB, JOHN H., JR., Instructor in Civil Engineering (C and S), $\frac{1}{4}$ time, March 1-August 31, 1960, to render service during the second semester of the academic year, \$116.67 a month, supersedes; this is in addition to his Engineering Faculty Development Teaching Fellowship in Civil Engineering (2-2-60).
- LANGE, CHARLES, Research Associate in Biological Chemistry (Medicine), eight months from January 1, 1960, \$6500 a year, supersedes (1-12-60).
- LAU, WILLIAM F., Registered Pharmacist in Hospital Pharmacy (Research and Educational Hospitals) (Pharmacy), January 6-August 31, 1960, \$6000 a year (1-21-60).
- LIGHT, MAX I., Manager of Public Information Offices (Chicago Professional Colleges), seven months from February 1, 1960, \$9500 a year (1-22-60).
- LOUIS, JOHN, Research Associate in Medicine (Medicine), 9/10 time, eight months from January 1, 1960, \$7500 a year, supersedes (1-26-60).
- MAR, THERESE MING-CHUNG, Research Assistant in Microbiology, February 1-June 15, 1960, \$400 a month, supersedes (2-3-60).
- MARSI, JULIO, Clinical Instructor in Medicine (Medicine), December 30, 1959-August 31, 1960, without salary (1-21-60).
- MART, MRS. DOROTHY, Assistant in Physical Education for Women (Chicago Undergraduate Division), February 1-June 15, 1960, \$555.55 a month (1-12-60).
- MARTIN, CLIFFORD K., Assistant in Agronomy (S), seven months from February 1, 1960, \$4800 a year (2-8-60).
- MATTHEWS, JOHN W., Associate Professor of Agricultural Engineering in India at Balwant Rajput College, Agra, U. P. under Contract ICA-W-48 with the International Cooperation Administration, February 1, 1960-August 31, 1961, \$11,000 a year; in addition, allowances in accordance with Standardized United States Government Civilian Allowance Regulations (Foreign Areas) will be paid; supersedes (1-26-60).
- MULVANEY, JAMES E., Research Associate in Chemistry, six months from March 1, 1960, \$6600 a year (1-29-60).
- OUSQUI, MOHAMMAD S., Research Associate in Ophthalmology (Medicine), eight months from January 1, 1960, without salary (1-21-60).
- PERLIA, MILDRED H., Assistant in Nursing, eight months from January 1, 1960, \$5500 a year (1-21-60).
- PFEIFER, DONALD W., Assistant in Theoretical and Applied Mechanics (C), February 1-June 15, 1960, \$444.44 a month, supersedes (1-21-60).
- PORTER, DOUGLAS R., Assistant in City Planning and Landscape Architecture, February 1-June 15, 1960, \$466.66 a month (1-25-60).
- PRICE, THORNTON W., Associate Professor of Mechanical Engineering (C) and Assistant Coordinator for Engineering of the International Cooperation Administration Programs for one year from September 1, 1959, \$11,000; and Associate Professor of Mechanical Engineering (C), indefinite tenure from September 1, 1960, to render service during each academic year, \$9,000; supersedes (1-6-60).
- PUGSLEY, JAMES H., Instructor in Electrical Engineering (C), $\frac{3}{4}$ time, March 1-August 31, 1960, to render service during the second semester of the academic year, \$281.25 a month (2-10-60).
- PUMPER, ROBERT W., Assistant Professor of Microbiology (Medicine), January 1, 1960-August 31, 1961, \$9000 a year, supersedes (1-26-60).
- QUERRESHI, MOHAMMAD Y., Research Associate in the Institute for Research on Exceptional Children, seven months from February 1, 1960, \$6400 a year (2-3-60).
- RICE, WILLIAM A., Visiting Associate Professor of Geology, in the Department of Geology $\frac{1}{2}$ time, and in the Division of General Studies $\frac{1}{2}$ time, six months

- from March 1, 1960, to render service during the second semester of the academic year, \$8000 a year, supersedes (1-26-60).
- ROBERT, MRS. BARBARA, Research Associate in Biological Chemistry (Medicine), nine months from December 1, 1959, \$6500 a year (1-26-60).
- SCHWARZ, MARVIN J., Assistant Professor of Psychiatry (Medicine), six months from January 1, 1960, \$13,000 a year, supersedes nonsalaried appointment (1-12-60).
- SHAFFER, PAUL R., Professor of Geology, one month from July 1, 1960, \$1280; this is in addition to his present appointment (2-10-60).
- SHERMAN, CARL W., Lecturer in Mining and Metallurgical Engineering (C), $\frac{1}{2}$ time, to render service during the second semester of the academic year, February 1-June 15, 1960, \$1,000 (1-29-60).
- SMART, CLIFTON M., JR., Assistant in City Planning and Landscape Architecture, February 1-June 15, 1960, \$555.55 a month, supersedes (1-26-60).
- SPURLOCK, JEANNE, Clinical Assistant Professor of Psychiatry (Medicine), eight months from January 1, 1960, without salary, supersedes salaried appointment (2-4-60).
- SRINIVASAN, V. R., Research Associate in Microbiology, seven months from February 1, 1960, \$7000 a year (2-8-60).
- STEYERT, WILLIAM A., JR., Research Associate in Physics (C), January 15-August 31, 1960, \$7000 a year (2-4-60).
- STRIEGLER, KLAUS B., Research Associate in Chemistry, seven months from February 1, 1960, \$5370 a year (1-22-60).
- VANDI, ANTONIO F., Research Associate in Chemistry, March 16-August 31, 1960, \$458.34 a month (1-21-60).
- VORBECK, JOSEPH F., Assistant in the Institute of Aviation, February 1-June 15, 1960, \$475 a month (1-22-60).
- WANG, MAW SHIU, Research Associate in Soils (Agronomy) (S), nine months from December 1, 1959, \$6000 a year, supersedes (1-21-60).
- WEI, LUN-SHIN, Research Associate in Food Technology (S), eight months from January 1, 1960, \$5870 a year, supersedes (2-4-60).
- WEINSTEIN, HERBERT, Clinical Instructor in Psychology, Department of Psychiatry (Medicine), eight months from January 1, 1960, without salary (1-21-60).
- WEINSTEIN, SHIRLEY, Instructor in Medical Social Work (Medicine), $\frac{2}{3}$ time, six months from January 1, 1960, \$4080 a year, supersedes (2-4-60).
- WEISKOFF, HENRY S., Clinical Instructor in Ophthalmology (Medicine), nine months from December 1, 1959, without salary (1-12-60).
- WESTMAN, LARS F., Research Associate in Chemistry, four months from March 1, 1960, \$470 a month (1-29-60).
- WHITFIELD, GEORGE D., Research Associate in Physics (C), eight months from January 1, 1960, \$6500 a year, supersedes (1-21-60).
- WILLMORE, TRACY A., Research Associate Professor of Ceramic Engineering (S), indefinite tenure beginning February 1, 1960, \$9150 a year, supersedes (2-4-60).
- WILSON, BETTY R., Extramural Loans Librarian Assistant, February 15-August 31, 1960, \$5100 a year (1-12-60).
- WILSON, PAUL, Instructor in Theoretical and Applied Mechanics (C), six months from March 1, 1960, to render service during the second semester of the academic year, \$5400 a year, supersedes (1-21-60).
- ZIMMERMAN, PHILIP D., Research Assistant in Ceramic Engineering (S), seven months from February 1, 1960, \$5500 a year, supersedes (2-8-60).

FELLOWS

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

- CARLSON, RICHARD E., Francis J. Plym Fellow in Architecture for 1960.
- SCHNEIDER, HERBERT, Francis J. Plym Fellow in Architectural Engineering for 1960.

GRADUATE FELLOWS

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

- ABELS, SONIA L., Special Fellow in Social Work, February 1-June 15, 1960, \$900 (1-18-60).
- ALTENBERND, A. LYNN, Fellow in English, three months from June 16, 1960, \$900 (1-6-60).

- BELLOWS, SYLVIA D., United States Health, Education, and Welfare Fellow (Trainee) in Vocational Rehabilitation (Education), February 1-June 15, 1960, \$900 (2-5-60).
- BERGER, BENNETT M., Fellow in Sociology, three months from June 16, 1960, \$900 (1-6-60).
- BIRGE, WESLEY, Fellow in Zoology, three months from June 16, 1960, \$900 (1-6-60).
- CHAN, SHU PARK, Fellow in Electrical Engineering, February 1-June 15, 1960, \$750 (2-3-60).
- COLBY, MARY M., Fellow in Geography, three months from June 16, 1960, \$900 (1-6-60).
- CURTIN, WILLIAM, Fellow in English, three months from June 16, 1960, \$900 (1-6-60).
- DANIELSKI, DAVID J., Fellow in Political Science, three months from June 16, 1960, \$900 (1-6-60).
- ENGEL, JAMES E., Fellow in German, three months from June 16, 1960, \$900 (1-6-60).
- EVANS, OLIVER, Fellow in English, three months from June 16, 1960, \$900 (1-6-60).
- FELDMAN, ROSS, Seymour Vestmark Fellow in the Chicago Professional Colleges, eight months from November 1, 1959, \$60.00 a month (1-25-60).
- FREIBERG, RICHARD, Samuel Higby Camp Foundation Fellow in the Chicago Professional Colleges, six months from January 1, 1960, \$250 a month (1-12-60).
- GABURO, KENNETH, Fellow in Music, three months from June 16, 1960, \$900 (1-6-60).
- GREEN, CHARLES R., Kendric C. Babcock Teaching Fellow in Political Science, February 1-June 15, 1960, \$550; this is in addition to his one-fourth time teaching assistantship in Political Science, supersedes (1-11-60).
- GREENBERG, MICHAEL J., Fellow in Zoology, three months from June 16, 1960, \$900 (1-6-60).
- HARRIS, HENRY S., Fellow in Philosophy, three months from June 16, 1960, \$900 (1-6-60).
- HOLDEN, MATTHEW, JR., Fellow in the Institute of Government and Public Affairs, three months from June 16, 1960, \$900 (1-6-60).
- HUMPHREYS, DEVERL S., Paul V. Galvin Teaching Fellow in Electrical Engineering, February 1-June 15, 1960, \$1000; this is in addition to his appointment as Instructor in Electrical Engineering on one-half time (2-5-60).
- JACKSON, BILLY, Fellow in Art, three months from June 16, 1960, \$900 (1-6-60).
- KEY, JOE L., Postdoctoral Fellow in Chemistry, seven months from August 1, 1959, \$5500 a year, supersedes (1-29-60).
- KHETTRY, ARUN, Parke-Davis Fellow in Chemistry, four months from February 1, 1960, \$880 (1-28-60).
- LAMB, JOHN H., JR., Engineering Faculty Development Teaching Fellow in Civil Engineering, seven months from February 1, 1960, \$934; this is in addition to his appointment as Instructor in Civil Engineering (1-22-60).
- LANGEBARTEL, RAY F., Fellow in Mathematics, three months from June 16, 1960, \$900 (1-6-60).
- LANGENHEIM, RALPH L., Fellow in Geology, three months from June 16, 1960, \$900 (1-6-60).
- LONDON, PERRY, Fellow in Psychology, three months from June 16, 1960, \$900 (1-6-60).
- MARCELLIS, JACK C., Automotive Safety Foundation Fellow in Highway Engineering, Department of Civil Engineering, February 1-June 15, 1960, \$750 (1-21-60).
- MARQUINEZ, ANA C., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), eight months from January 1, 1960, \$250 a month (1-20-60).
- MARTIN, DEAN F., Fellow in Chemistry, three months from June 16, 1960, \$900 (1-6-60).
- MARTIN, MARVIN B., Fellow in Art, three months from June 16, 1960, \$900 (1-6-60).
- MCCONNELL, ANN L., Special Fellow in Social Work, February 1-June 15, 1960, \$900 (1-18-60).
- ORNSTEIN, ROBERT, Fellow in English, three months from June 16, 1960, \$900 (1-6-60).

- OSTHOFF, F. IRENE, United States Health, Education, and Welfare Fellow (Trainee) in Vocational Rehabilitation (Education), February 1-June 15, 1960, \$900 (1-8-60).
- PAULSON, RONALD, Fellow in English, three months from June 16, 1960, \$900 (1-6-60).
- PFLANZE, OTTO P., Fellow in History, three months from June 16, 1960, \$900 (1-6-60).
- POST, DOUGLAS M., Fellow in Botany, three months from June 16, 1960, \$900 (1-6-60).
- QUILLIAN, ELAINE, Special Fellow in Social Work, February 1-June 15, 1960, \$900 (1-18-60).
- RHEE, YOUNGHEE, Special Fellow in Social Work, February 1-June 15, 1960, \$900 (1-18-60).
- RICHARDS, CLAIRE, Fellow in Music, three months from June 16, 1960, \$900 (1-6-60).
- RINEHART, KENNETH L., JR., Fellow in Chemistry, three months from June 16, 1960, \$900 (1-6-60).
- SCOTT, LYALL W., Special Fellow in Social Work, February 1-June 15, 1960, \$1000 (1-18-60).
- SINSABAUGH, ARTHUR R., Fellow in Art, three months from June 16, 1960, \$900 (1-6-60).
- STEWART, JAMES, Special Fellow in Social Work, February 1-June 15, 1960, \$900 (1-18-60).
- STEWART, THOMAS B., United States Public Health Service Fellow (Trainee) in Veterinary Medical Science, one year from September 1, 1960, \$5400 (2-4-60).
- STORCK, ROGER L., Postdoctoral Fellow in Microbiology, seven months from February 1, 1960, \$625 a month, supersedes (2-3-60).
- SULLIVAN, DENIS G., Fellow in Political Science, three months from June 16, 1960, \$900 (1-6-60).
- TILLMAN, NAOMI, Special Fellow in Social Work, February 1-June 15, 1960, \$900 (1-18-60).
- TROBNICK, JOAN G., Special Fellow in Social Work, February 1-June 15, 1960, \$900 (1-18-60).
- VON NEUMANN, ROBERT, Fellow in Art, three months from June 16, 1960, \$900 (1-6-60).
- WALDBAUER, GILBERT P., Fellow in Entomology, three months from June 16, 1960, \$900 (1-6-60).
- WILCOX, DAVID L., Lead Industries Association Fellow in Ceramic Engineering, February 1-June 15, 1960, \$1000 (1-14-60).

RESIGNATIONS AND DECLINATIONS

- BARTLEY, JACK C., Instructor in Veterinary Research (S) — resignation effective February 6, 1960.
- BERLSTEIN, ALFRED, Bibliographer in the Library, with rank of Instructor — resignation effective February 10, 1960.
- BLAHA, GORDON, United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges) — resignation effective January 1, 1960.
- BLANKFIELD, ALAN, Research Associate in the Coordinated Science Laboratory (C) — resignation effective February 1, 1960.
- BROWN, STANLEY R., Instructor in Physical Education for Men — resignation effective March 1, 1960.
- BURCHELL, ROBERT C., Assistant Professor of Obstetrics and Gynecology (Medicine) — declination effective July 1, 1960.
- CUMMISFORD, PATRICIA D., Fellow in Food Technology — resignation effective February 1, 1960.
- DELANEY ROBERT F., Assistant in Physical Education for Men — resignation effective February 1, 1960.
- ELIASSON, ELIAS, Fellow in Law — resignation effective January 1, 1960.
- ERNEST, JOHN A., National Science Foundation Cooperative Fellow in Mathematics — resignation effective February 1, 1960.
- FASS, PETER J., Fellow in Psychology — declination effective September 16, 1959.
- FINNEY, JOSEPH C. J., Lecturer in Psychology, with rank of Assistant Professor — resignation effective March 1, 1960.

- FRANZEN, JAMES, Research Assistant in Biological Chemistry (Medicine) — resignation effective February 1, 1960.
- GASTINEAU, MARIANNE, Fellow in French — declination effective September 16, 1959.
- GLAVIANO, VINCENT V., Assistant Professor of Physiology (Medicine) — resignation effective September 1, 1960.
- HIRSCH, JAY G., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges) — resignation effective January 1, 1960.
- KOUCKY, FRANK L., JR., Assistant Professor of Geology (Division of General Studies and College of Liberal Arts and Sciences) — resignation effective September 1, 1960.
- LINGARD, DONALD R., Instructor in Veterinary Clinical Medicine — resignation effective March 12, 1960.
- MEAGHER, RALPH E., Research Professor of Physics and of Electrical Engineering (C) and Head of the Digital Computer Laboratory (Graduate College) — resignation effective April 1, 1960.
- MERZ, EARL H., Clinical Associate in Ophthalmology (Medicine) — resignation effective February 1, 1960.
- MILLER, MARJORIE E., Instructor in Library Science, University High School Librarian, and Instructor in Library Administration — resignation effective September 1, 1960.
- MITTMAN, CALVIN H., Fellow in Mathematics — declination effective September 16, 1959.
- MURTI, VEMPATI G. K., Instructor in Electrical Engineering (C) — resignation effective March 1, 1960.
- OLAFSSON, JON A., Fellow in Law (Graduate College) — resignation effective January 1, 1960.
- REYNOLDS, HARRY A., JR., Instructor in Veterinary Pathology and Hygiene (College of Veterinary Medicine) — resignation effective February 1, 1960.
- ROBERTSON, DONALD C., Instructor in Art — resignation effective January 16, 1960.
- RUQUIST, RICHARD D., Ford Foundation Fellow (Trainee) in Mechanical Engineering — declination effective September 16, 1960.
- SHANNON, ROBERT D., Research Associate in Ceramic Engineering (S) — resignation effective February 1, 1960.
- SMITH, ROBERT J., Instructor in English (Chicago Undergraduate Division) — resignation effective March 1, 1960.
- SO, HING-CHEONG, Instructor in Electrical Engineering (C) — resignation effective March 1, 1960.
- STANBERRY, ALICE E., United States Public Health Service Fellow (Trainee) in Education — resignation effective February 1, 1960.
- STUDLEY, CHARLES B., Assistant in Physical Education for Men — resignation effective February 1, 1960.
- SUCIC, STEVE, Instructor in Physical Education for Men — resignation effective March 1, 1960.
- VADOPALAS, PATRICIA J., Instructor in Occupational Therapy (Medicine) — resignation effective February 1, 1960.
- VICARI, GIUSEPPE, Research Associate in Chemistry — resignation effective January 1, 1960.
- WEISSMAN, IRA, Research Associate in the Coordinated Science Laboratory (C) — resignation effective March 17, 1960.
- YOUNG, RAYMOND J., Associate Professor of Education, in the Bureau of Educational Research — resignation effective September 1, 1959.

LEAVES OF ABSENCE

- CARMICHAEL, HUGH T., Clinical Professor of Psychiatry (Medicine) — leave of absence, without salary, beginning January 1 and continuing through August 31, 1960.
- JOHNSTONE, H. FRASER, Research Professor of Chemical Engineering (Engineering Experiment Station and College of Liberal Arts and Sciences) — leave of absence, with full pay, March 22 to May 22, 1960, for the purpose of making a trip to Europe in connection with his research work.
- MASSLER, MAURY, Professor of Pedodontics, Head of the Department, and Lecturer in Postgraduate Studies (Dentistry) — leave of absence, without salary,

for one month from July 1, 1960, following his sabbatical leave of absence which expires June 30, 1960.

- MEAGHER, RALPH E., Research Professor of Physics and of Electrical Engineering (College of Engineering), and Head of the Digital Computer Laboratory (Graduate College) — leave of absence without pay for one year from April 1, 1959, changed to leave of absence without pay, beginning May 22, 1959, and continuing through March 31, 1960.
- MILLER, ROBERT L., Counselor in the Student Counseling Service and Instructor in Chemistry (Chicago Undergraduate Division) — leave of absence, without pay, for one year from September 1, 1960, so that he may make use of a National Science Foundation Faculty Fellowship which has been granted him for a period of fourteen months from July 1, 1960.
- PEARSON, JOHN E., Professor of General Engineering (College of Engineering) — leave of absence, without pay, beginning April 1 and continuing through May 31, 1960, so that he may do meteorological research work in cooperation with the Argonne National Laboratory.
- SILVA, PAUL C., Associate Professor of Botany — leave of absence, without pay, for one year from September 1, 1960, so that he may serve as Visiting Professor at the University of California during that period.
- SINAIKO, H. WALLACE, Research Assistant Professor of Psychology (College of Liberal Arts and Sciences), and Research Assistant Professor in the Co-ordinated Science Laboratory (College of Engineering) — leave of absence, without pay, beginning February 1 and continuing through August 31, 1960.
- STOECKER, WILBERT F., Associate Professor of Mechanical Engineering — leave of absence, without pay, for the academic year beginning September, 1960.

EXECUTIVE SESSION

At this point, an executive session was requested and ordered for the consideration of the following items of business:

REPORT OF COMMITTEE ON GENERAL POLICY ON ACQUISITION OF PROPERTY IN GARFIELD PARK

The Committee on General Policy reported that at a meeting held earlier today it received from its chairman, from Director C. S. Havens of the Physical Plant Department, and from Professor Rubin G. Cohn of the College of Law (who has been serving as Special Counsel on legal matters relating to the acquisition of a site for the Chicago Undergraduate Division), reports on the developments in negotiations with officials of the city of Chicago and the Chicago Park District on site acquisition.

Mr. Johnston stated that after due discussion and consideration of the information submitted, the Committee reached the conclusion that it must now be made perfectly clear to all officials and parties concerned that the Central Area site involved in the several proposals which have been made for consolidation of railroad terminal facilities can not be made available satisfactorily to the University for the relocation of the Chicago Undergraduate Division; and that steps must be taken promptly to resolve the legal questions affecting the conveyance by the Chicago Park District of land in Garfield Park to the University, and the question of cost of such land to the University.

Professor Cohn advised the Committee that when legal proceedings have been instituted to establish the power of the Chicago Park District to convey park property to the University, official action by the Board of Trustees will need to be taken promptly which will require either a special meeting of the Board or authorization of the Executive Committee to act for the Board.

The Board concurred in the conclusions of the Committee on General Policy, and the President of the University was requested to confer with the Mayor of Chicago and other public officials concerned as soon as possible to present the University's position.

On motion of Mr. Swain, the Board authorized its Executive Committee to consider, and in its discretion to accept, for a consideration not in excess of \$1,000, an option, if offered by the Board of Commissioners of the Chicago Park District, to purchase a portion of the area

embraced within Garfield Park for use by the University of Illinois as an institution of higher education, provided that the purchase price specified in the option represents an approximate valuation of the market value of such property as determined by the Executive Committee.

This motion was unanimously adopted.

PURCHASE OF PROPERTY AT 903 WEST NEVADA STREET, URBANA
(21) The Director of the Physical Plant and the Vice-President and Comptroller recommend the purchase of the property, including all the furnishings in the house, at 903 West Nevada Street, Urbana, at a price of \$43,000.

This property consists of a lot, 66 ft. by 104 ft., and an adjoining parcel, 43.4 ft. by 16 ft. (total land area of 7,558 square feet), and a three-story and basement frame house which is presently used as a rooming house for women students. The lot adjoins University property and is within the area of long-range campus expansion. In the meantime, the house, which has been improved in recent years and is in very good condition, can be used to advantage as a cooperative house for women students. There is a need for expansion of such housing, and this house can accommodate twenty-eight women and a housemother.

The average of four independent appraisals made of the property by local real estate experts is \$34,300. The furnishings in the house and the food service equipment are relatively new and in good condition. They are offered to the University for \$8,700, which is less than half of what new equipment would cost.

No funds are available in the state capital appropriations to the University for 1959-61, but it is recommended that \$43,000 be advanced from funds accumulated in the operation of the temporary housing units to be repaid with interest at a rate of 3½ per cent a year from the net income of all cooperative housing. A rental rate of \$240 a year per occupant will be charged in all cooperative units and will provide sufficient net income to liquidate the investment in twenty years.

The Committee on Buildings and Grounds has previously reviewed these recommendations and is prepared to support the same.

I recommend that the purchase of the property be authorized and that funds be assigned from Housing Division reserves as indicated.

On motion of Mr. Clement, the purchase of this property was authorized, and the requested assignment of funds 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. Stratton.

RECOMMENDATION OF THE UNIVERSITY PATENT COMMITTEE

(22) The University Patent Committee submits, with the concurrence of the Chairman of the University Research Board, the following recommendation relating to an invention by a member of the staff.

Method of preparing and dehydrating foods—A. I. Nelson, Professor of Food Processing, inventor. This is a new way of dehydrating and preparing foods, especially precooked, cream-style sweet corn. It was developed by the Department of Food Technology under a contract with the Quartermaster Corps of the United States Army. The Head of that Department is doubtful that the method constitutes a patentable invention; and both he and the inventor are convinced that the method has no commercial possibilities, although it may have some value in the preparation of military rations. After considering this matter, the Patent Committee recommends the release of all rights of the University in this development to the United States Government.

I concur in this recommendation.

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

On motion of Mr. Pogue, 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 16, 1960



The annual meeting of the Board of Trustees of the University of Illinois was held in the LaSalle Hotel, Chicago, Illinois, on Wednesday, March 16, 1960, beginning at 11:00 a.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, Mrs. Frances B. Watkins, Mr. George T. Wilkins, Mr. Kenney E. Williamson. Mr. Harold Pogue and Governor William G. Stratton were absent. Mr. Timothy W. Swain was not present when the Board convened but joined the meeting later.

Also present were President David D. Henry, Vice-President and Provost Gordon N. Ray, Dr. H. E. Longenecker, 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, Mr. J. S. Begando, Assistant to the President, Mr. V. L. Kretschmer, Director of Auxiliary Services, Professor Rubin G. Cohn of the College of Law, Mr. C. W. Sanford, Dean of Admissions and Records; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary.

MEETING OF COMMITTEE ON GENERAL POLICY

Prior to the meeting of the Board, the Committee on General Policy met beginning at 9:30 a.m. in a work session for consultation with the President and other University officials on matters of University policy.

ELECTION OF TEMPORARY CHAIRMAN

The office of President of the Board of Trustees being vacant, Mr. Wayne A. Johnston nominated Mr. Wirt Herrick as President, *Pro Tempore*, of the meeting. Mr. Herrick was elected by acclamation and took the chair.

ELECTION OF OFFICERS**President of the Board**

Mr. Herrick called for nominations for the office of President of the Board of Trustees.

Mr. Johnston nominated Mr. Kenney E. Williamson. Mr. Harewood seconded the nomination.

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 Mr. Kenney E. Williamson as President, to serve until the next annual meeting of the Board of Trustees in March, 1961, or until his successor shall have been elected and qualified.

The ballot was cast and Mr. Williamson was elected President of the Board. He took the chair and expressed his appreciation of the confidence of the Board in re-electing him President.

Secretary of the Board

Mr. Johnston nominated Mr. A. J. Janata as Secretary of the Board. Mr. Hughes seconded the nomination.

On motion of Mr. Hughes, the nominations were closed, and Mr. Janata was unanimously elected as Secretary of the Board of Trustees, to serve until the next annual meeting in March, 1961, or until his successor shall have been elected and qualified.

Comptroller of the Board

Mr. Herrick nominated Mr. H. O. Farber as Comptroller of the Board. Mr. Johnston 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 the election of Mr. Farber as Comptroller of the Board of Trustees, to serve until the next annual meeting in March, 1961, or until his successor shall have been elected and qualified. The ballot was cast and Mr. Farber was elected Comptroller.

Executive Committee

Mr. Harewood 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.

On motion of Mr. Clement, the nominations were closed, and the Secretary was instructed to cast the unanimous ballot of the Board for Mrs. Watkins and Mr. Johnston as members of the Executive Committee of the Board of Trustees, to serve until the next annual meeting in March, 1961, or until their successors shall have been

elected. The ballot was cast and Mrs. Watkins and Mr. Johnston were elected members of the Executive Committee.

DELEGATION OF SIGNATURES

Mr. Johnston 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 H. A. Hazleton, 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 H. A. Hazleton, 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 unanimously adopted.

STANDING COMMITTEES FOR 1960-61

The President of the Board has appointed the following standing committees of the Board of Trustees to serve during the year 1960-61, or until their successors have been appointed following the annual meeting of the Board of Trustees in March, 1961:

Agriculture

MR. EARL M. HUGHES, Chairman
MR. HOWARD W. CLEMENT
MR. WIRT HERRICK

Alumni

MR. HOWARD W. CLEMENT, Chairman
MR. TIMOTHY W. SWAIN
MRS. FRANCES B. WATKINS

Athletic Activities

MR. WIRT HERRICK, Chairman
MR. RICHARD A. HAREWOOD
MR. HAROLD POGUE

Buildings and Grounds

MR. HAROLD POGUE, Chairman
MR. HOWARD W. CLEMENT
MR. RICHARD A. HAREWOOD
MR. EARL M. HUGHES
MR. WAYNE A. JOHNSTON
MR. TIMOTHY W. SWAIN

Chicago Departments

MRS. FRANCES B. WATKINS, Chairman
MR. WAYNE A. JOHNSTON
MR. HAROLD POGUE

Finance

MR. TIMOTHY W. SWAIN, Chairman
MR. WAYNE A. JOHNSTON
MRS. FRANCES B. WATKINS

General Policy

MR. WAYNE A. JOHNSTON, Chairman
MR. RICHARD A. HAREWOOD
MR. HAROLD POGUE
MR. TIMOTHY W. SWAIN
MRS. FRANCES B. WATKINS

Nonacademic Personnel

Also representatives on the Civil
Service Merit Board

MR. TIMOTHY W. SWAIN, Chairman
MR. WIRT HERRICK
MR. HAROLD POGUE

Patents

MR. HOWARD W. CLEMENT, Chairman
MR. RICHARD A. HAREWOOD
MR. TIMOTHY W. SWAIN

Student Welfare and Activities

MR. RICHARD A. HAREWOOD, Chairman
MR. EARL M. HUGHES
MRS. FRANCES B. WATKINS

*University Retirement System
Representatives*

MR. WIRT HERRICK
MR. EARL M. HUGHES
MR. 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. MRS. DONATELLA G. ADLER, Research Assistant Professor of Physics, for four months from February 15, 1960, at a salary of \$2,740 (G).
2. WEBSTER AITKEN, George A. Miller Visiting Professor of Music, for the academic year 1960-61, at a salary of \$11,000 (E).
3. ARTHUR W. BURKS, Visiting Research Professor of Applied Mathematics, in the Digital Computer Laboratory, Graduate College, for the first semester of 1960-61, at a salary of \$7,200 (E).
4. JOHN M. DENNISON, Assistant Professor of Geology, on one-fourth time, and in the Division of General Studies, on three-fourths time, beginning September 1, 1960, at an annual salary of \$6,000 (B).
5. WALTER H. H. GRÄNICHER, Associate Professor of Physics and of Ceramic Engineering, for four months from May 1, 1960, at a salary of \$4,000; beginning September 1, 1960, at an annual salary of \$9,000 (G, D).
6. BENJAMIN M. HAIR, Assistant Professor of Preventive Medicine, on 80 per cent time, beginning January 1, 1960, at an annual salary of \$12,000 (DY80).
7. RAYMOND E. MILLER, Visiting Assistant Professor in the Digital Computer Laboratory, Graduate College, for the first semester of 1960-61, without salary (E).
8. ALFRED NISONOFF, Associate Professor of Microbiology, in the Graduate College, for two months from June 16, 1960, at a salary of \$2,666; beginning September 1, 1960, at an annual salary of \$12,000 (G, A).

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

HEADSHIP OF THE DEPARTMENT OF RUSSIAN

(2) The Dean of the College of Liberal Arts and Sciences recommends the appointment of Dr. Ralph E. Matlaw, presently Assistant Professor of Russian at Princeton University, as Associate Professor of Russian on indefinite tenure and Head of the Department of Russian, beginning September 1, 1960, at an annual salary of \$12,000 on "A" basis.

It is also recommended that he be given a summer appointment beginning July 15, 1960, through August 31, 1960, at a total salary of \$2,000 for the period, so that his services will be available in organizing the program of the new Department of Russian.

This recommendation is made after consultation with the appropriate members of the faculty and is endorsed by the Vice-President and Provost and the Dean of the Graduate College.

I concur.

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

APPOINTMENTS TO THE BOARD OF DIRECTORS OF THE ATHLETIC ASSOCIATION

(3) Pursuant to the provisions in the Articles of Incorporation of the University of Illinois Athletic Association, I submit herewith nominations for appointments and reappointments, as indicated in each case, to its Board of Directors 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 1961, 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)

H. KENNETH ALLEN, Professor of Economics (reappointment; he has served since 1957)

JOSEPH A. RUSSELL, Professor of Geography and Head of the Department (reappointment; he has served since October 1, 1958, when he was appointed to fill a vacancy created by the resignation from the University of Professor Marcus M. Rhoades, who was appointed in March, 1958)

HAROLD W. HANNAH, Professor of Agricultural Law, Department of Agricultural Economics (new appointment; he replaces Professor Kenneth J. Trigger of the Department of Mechanical Engineering who has served since 1956)

Alumni

CHARLES V. HALL, Class of 1931, 102 North Street, Normal, Illinois (reappointment; he has served since 1957)

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 (new appointment; he replaces Mr. John A. Hobart, Class of 1938, who has served on the Board since March, 1956)

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

SABBATICAL LEAVES OF ABSENCE FOR 1960-61

(4) I recommend that the following members of the staff be given sabbatical leaves of absence during the academic year 1960-61 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.

A number of other applications for sabbatical leaves during 1960-61 are still under consideration, and additional recommendations may be submitted at a subsequent meeting.

College of Agriculture

Department of Agricultural Economics and Extension Service in Agriculture

EARL H. REGNIER, Associate Professor of Agricultural Economics and of Rural Recreation, first semester (six months from July 1, 1960), full pay; to study recreation programs, practices, procedures, and literature; work to be done in United States universities and libraries.

Department of Agricultural Engineering

KEITH H. HINCHCLIFF, Professor of Agricultural Engineering, first semester (six months from September 1, 1960), full pay; for investigation of housing research and education, community planning, and rural home improvement, in the United States and in Europe.

Department of Agronomy

ROGER H. BRAY, Professor of Soil Fertility, second semester (six months from March 1, 1961), full pay; for consultation with other research workers on soil fertility and soil-plant relationships, in Europe.

RICHARD H. HAGEMAN, Associate Professor of Agronomy, full year (beginning September 1, 1960), one-half pay; to study the interrelationship of mineral nutrients with enzymatic and biological activity, in England.

EARL R. LENG, Professor of Agronomy, second semester (six months from March 1, 1961), full pay; for investigation of plant breeding theories and methods, in Germany.

Department of Dairy Science

NOLAND L. VANDEMARK, Professor of Physiology, second semester (six months from March 1, 1961), full pay; to study the use of physical and chemical approaches with electronic instruments, isotopes, and other devices; work to be done in the United States, or in Europe if outside grant-in-aid for travel is secured.

Department of Horticulture

NORMAN F. OEBKER, Associate Professor of Horticulture, first semester (six months from September 1, 1960), full pay; to study post-harvest handling of vegetables; work to be done in California.

Department of Plant Pathology

HALBERT H. THORNBERRY, Professor of Plant Pathology, second semester (six months from March 1, 1961), full pay; for completion of textbook and laboratory manual, study of crop diseases, study of organization of International Center for Technical Information in Phytovirology, in the United States and in Europe.

College of Commerce and Business Administration

Department of Accountancy

HELLFRIED P. HOLZER, Assistant Professor of Accountancy, second semester, full pay; to study accounting methods during inflationary periods, in Germany and in Austria.

Department of Economics

HANS BREMS, Professor of Economics, second semester, full pay; for testing a mathematical model on European data, in Europe.

Department of Finance

RUSSELL M. NOLEN, Professor of Finance, second semester, full pay; to study monetary policy, fiscal policy, capital investment, and economic growth, in the United States, in Canada, and in England.

RICHARDS C. OSBORN, Professor of Finance, second semester, full pay; to study and collect data on the impact of governmental controls over corporate financing, in England.

Department of Marketing

ROBERT V. MITCHELL, Professor of Marketing, second semester, full pay; for research and writing on market measurement and management, and developing a marketing atlas for the state of Illinois.

College of Education

- LEE J. CRONBACH, Professor of Education and of Psychology, first semester, full pay, and second semester, without pay; for continuation of research program on psychometric theory and for preparation of monograph. (He will have a membership in the School of Mathematics at the Institute for Advanced Study, Princeton.)
- NATHANIEL L. GAGE, Professor of Education, full year (beginning September 1, 1960), one-half pay, or one-half year (beginning August 12, 1960), full pay; full-year leave contingent upon receipt of supplementary financial support through a fellowship or grant-in-aid; to study the formulation of theories of teaching and to write a handbook; work to be done at the University of California.
- JAMES J. GALLAGHER, Professor in the College of Education and in the Institute for Research on Exceptional Children, academic year, one-half pay; for study and research on creativity in gifted children, at Stanford University.
- LAWRENCE E. METCALF, Associate Professor of Education, first semester, full pay; for research in logic and linguistics of teaching: (1) refinement of concepts in a University High School pilot study, and (2) writing of a textbook.
- LLOYD J. PHIPPS, Professor of Agricultural Education, first semester (six months from August 1, 1960), full pay; for research in the education of new farm operators in the public school system; work to be done in the United States.
- RAY H. SIMPSON, Professor of Education, first semester, full pay; to study the application of social psychological principles to the practices of classroom teachers; work to be done in the United States.
- J. RICHARD SUCHMAN, Associate Professor of Education, first semester, full pay; for research on the teaching of inquiry skills to elementary school children; work to be done in the United States.

College of Engineering

Department of Civil Engineering

- THOMAS H. THORNBURN, Professor of Civil Engineering, academic year, one-half pay, or one semester, full pay; one-year leave contingent upon receipt of supplementary financial support through a fellowship or grant-in-aid; for preparation of an engineering soil map of a portion of West Germany.

Department of Electrical Engineering

- HAROLD D. WEBB, Professor of Electrical Engineering, first semester, full pay; to study radio wave propagation, at Stanford University.
- PAUL HANDLER, Assistant Professor of Electrical Engineering and of Physics, academic year, one-half pay; to study nuclear and electron paramagnetic resonance techniques and application to surface physics, in France.

Department of Mining and Metallurgical Engineering

- THOMAS A. READ, Professor of Mining and Metallurgical Engineering and Head of the Department, first semester, full pay; for research in diffusionless phase changes in metals and alloys; Visiting Professor at Oxford University.

Department of Physics

- ROBERT D. HILL, Professor of Physics, academic year, one-half pay; to study elementary particle interactions, in Europe.
- DILLON, E. MAPOTHER, Professor of Physics, academic year, one-half pay; for experimental work on superconductivity and preparation of material for publication; work to be done in the United States.

College of Fine and Applied Arts

Department of Architecture

- JOHN G. REPLINGER, Associate Professor of Architecture, second semester, full pay; to study neighborhood planning, community development, and educational buildings; work to be done in the United States.
- ROBERT J. SMITH, Professor of Architecture, second semester, full pay; to study the historical background relationship between landscape and architecture; work to be done in Europe.

School of Music

STANLEY FLETCHER, Professor of Music, academic year, one-half pay; for completion of two books for publication, and study in Europe.

J. ROBERT KELLY, Associate Professor of Music, second semester, full pay; for composition of symphony and study of German teaching techniques in theory and composition; work to be done in the United States and in Europe.

BURRILL PHILLIPS, Professor of Music, first semester, one-half pay, and second semester, without pay; for musical composition, research in the relationship between Spanish and American popular music, and research in cine-art and opera in Italy.

DRAGAN PLAMENAC, Professor of Music, second semester, full pay; for research on fourteenth to sixteenth century musical manuscripts, in eastern Europe.

PAUL ROLLAND, Professor of Music, academic year, one-half pay; for teaching and research on German school of violin playing, in Europe.

Health Services

JACK OTIS, Associate Professor of Hygiene and Psychiatric Social Work Supervisor, academic year, one-half pay; to complete writing of *Critique of Cultural Theories*.

College of Journalism and Communications

Department of Advertising

LESLIE W. MCCLURE, Professor of Advertising, first semester, full pay; for research on marketing and advertising.

Institute of Labor and Industrial Relations

WILLIAM H. MCPHERSON, Professor of Economics in Labor and Industrial Relations, full year, one-half pay; to study determinants of labor relations in European industrial plants.

College of Law

RUBIN G. COHN, Professor of Law, first semester, full pay; to study the structure, organization, and powers of the judicial, legislative, and administrative departments of government in the state of Israel.

College of Liberal Arts and Sciences

Department of Anthropology

JULIAN H. STEWARD, Research Professor of Anthropology, academic year, one-half pay; leave contingent upon receipt of financial support through a fellowship or grant-in-aid; to study comparative analysis of the acculturation of contemporary native populations under influences of the modern industrial world, at Stanford University.

Department of Astronomy

STANLEY P. WYATT, JR., Associate Professor of Astronomy, first semester, full pay; for completion of analysis of work on double cluster of galaxies in Hercules, for study of observing programs for large radio telescope, for completion of a textbook, and study of satellite Vanguard; work to be done in the United States.

Department of Chemistry and Chemical Engineering

PETER E. YANKWICH, Professor of Physical Chemistry, academic year, one-half pay; for studies of extension of isotope fractionation techniques, chemical and mass spectrometric techniques, and theory of kinetic isotope fractionation; work to be done in the United States.

Department of Classics

REVILO P. OLIVER, Professor of Classics, academic year, one-half pay; for preparation for publication of *De seriis et iocis*, and to complete a part of the Yale Edition of works of Sir Thomas More; work to be done in Italy.

Division of General Studies

OTTO E. KUGLER, Professor of Biological Sciences, second semester, full pay; for completion of research on the reproductive organs of the slug, and for study and observation of teaching programs at other institutions in the United States.

Department of English

A. LYNN ALTENBERND, Assistant Professor of English, first semester, full pay; to study the impact of European travel on social and political thought of Adams, Howells, Twain, and James.

ROBERT L. HAIG, Assistant Professor of English, academic year, one-half pay; for research to prepare a study of John Dunton and of social, religious, scientific, and literary trends in the eighteenth century, in the United States and Europe.

ALLAN G. HOLADAY, Professor of English, second semester, full pay; for a biographical-critical study of the poet, Giles Fletcher, in the United States and England.

J. N. HOOK, Professor of English and Counselor on the Council on Teacher Education, second semester, full pay; to study the teaching of English in the British Isles, including the work of the International Association of the Teachers of English, in England.

CORNELIA P. KELLEY, Assistant Professor of English, second semester, full pay; to study the connection between novels of Henry James and their settings, in Europe.

BURTON A. MILLIGAN, Professor of English, first semester, full pay; for study and research on the life and work of John Heywood and others in the Tudor period, and for completion of edition, Heywood's Spider and the Fly; work to be done in the United States.

GARDINER B. STILLWELL, Assistant Professor of English, first semester, full pay; to study Chaucer's works in relation to sources and background materials; work to be done in the United States.

Department of French

CHARLES A. KNUDSON, Professor of French and Head of the Department, second semester, full pay; for research in medieval literature, in Europe.

Department of Geography

CHARLES S. ALEXANDER, Assistant Professor of Geography, first semester, without pay, and second semester, full pay; first semester leave contingent upon receipt of supplementary financial support through a fellowship or grant-in-aid; to study the physical and cultural geography of northern coastal zone of Tanganyika, British East Africa.

HOWARD G. ROEPKE, Associate Professor of Geography, first semester, full pay; to study the movements of the British iron and steel industry—changes since World War II (contingent upon receipt of outside grants) or changes in the agriculture of the Delmarva Peninsula.

Department of Geology

GEORGE W. WHITE, Professor of Geology and Head of the Department, first semester, full pay, and second semester, without pay; for completion of a monograph on glacial geology of the Western Allegheny Plateau; work to be done in Ohio.

Department of German

FRANK G. BANTA, Associate Professor of German and Chairman of the Department, first semester, full pay; to study manuscripts of Berthold von Regensburg, in Germany and in Austria.

ERNST A. PHILIPPSON, Professor of German, second semester, full pay; for preparation of a history of the German language, and for research on the history of Germanic religion and mythology, in Germany.

Department of History

J. LEONARD BATES, Associate Professor of History, second semester, full pay; for completion of a biography of the late Senator Thomas J. Walsh of Montana.

NATALIA M. BELTING, Assistant Professor of History, first semester, full pay; for completion of a French-Illinois dictionary, in the United States.

DENO GEANAKOPLOS, Professor of History, academic year, one-half pay; to study the transmission of Greek learning from the Byzantine East to Western Europe via Venice, and to study cultural life at the Papal court in the fourteenth century.

Department of Mathematics

JOSEPH LANDIN, Professor of Mathematics, academic year, one-half pay; for research in mathematics on the classical groups, in the United States.

EDWARD J. SCOTT, Associate Professor of Mathematics, second semester, full pay; for study of numerical methods applicable to solution by machine computation of boundary value problems.

Department of Philosophy

FREDERICK L. WILL, Professor of Philosophy, first semester, full pay, or academic year, one-half pay; the latter contingent upon receipt of supplementary financial support through a fellowship or grant-in-aid; for completion of a book on the philosophy of induction.

Department of Political Science

EDWARD G. LEWIS, Professor of Political Science, second semester, one-half pay; to study the French Government under the constitution of 1958, in France.

JACK W. PELTASON, Professor of Political Science, second semester, full pay, or academic year, one-half pay; the latter contingent upon receipt of supplementary financial support through a fellowship or grant-in-aid; to study the policy role of the English judiciary, in England.

Department of Sociology

BERNARD KARSH, Associate Professor of Sociology, in the Department of Sociology and in the Institute of Labor and Industrial Relations, full year, one-half pay; leave contingent upon receipt of supplementary financial support through a fellowship or grant-in-aid; for seminars and research on methods in social science and field research in industrial sociology, in Japan.

Department of Speech

KING BROADRICK, Associate Professor of Speech, second semester, full pay; to study the history of forensic rhetoric and preparation of material for a course in this field; work to be done at the libraries of Columbia and Harvard Universities and the Library of Congress.

RAYMOND E. NADEAU, Associate Professor of Speech, first semester, full pay; for completion of the translation and introduction, *De Stabibus*, and for work on translation of *On Delivery*, in the United States.

SEVERINA E. NELSON, Professor of Speech, first semester, full pay; for visiting speech clinics to substantiate philosophies of speech correctionists, and to observe techniques, in the United States.

School of Life Sciences

Department of Botany

JOHN R. LAUGHNAN, Professor of Botany, second semester, full pay, or academic year, one-half pay; the latter contingent upon receipt of supplementary financial support through a fellowship or grant-in-aid; for visiting genetics laboratories, and for study of origin of noncrossover derivatives of A^b gene complexes in maize, in the United States.

Department of Microbiology

RALPH S. WOLFE, Associate Professor of Microbiology, academic year, one-half pay; to study the physiology and metabolism of bacteria, in England.

Department of Physiology

JOHN D. ANDERSON, Associate Professor of Physiology, academic year, one-half pay; for research on slime molds, and for preparation of material for an undergraduate course, at Emory and Stanford Universities.

FREDERIC R. STEGGERDA, Professor of Physiology, second semester, full pay; for lectures and study at Hiroshima University, in Japan.

Department of Zoology

JOHN O. CORLISS, Associate Professor of Zoology, first semester, full pay, and second semester, without pay; for protozoological research and conferences with scientists, University of London and other institutions in Europe.

DONALD F. HOFFMEISTER, Professor of Zoology, six months (October 15 to April 15), full pay; for research and writing on the mammals of Arizona.

Graduate School of Library Science

THELMA EATON, Professor of Library Science, first semester, full pay; for preparation of a book on history of libraries, and for work on monographs.

WILLIAM V. JACKSON, Associate Professor of Library Science, academic year, one-half pay; for preparation of (1) guide to library collections, and (2) notable materials added to American libraries, 1950-54; work to be done in the United States and in Europe.

College of Physical Education*Department of Health and Safety Education*

GEORGE T. STAFFORD, Professor of Health Education, in the Department of Health and Safety Education and in the Division of University Extension, second semester, full pay; to study rehabilitation centers and to observe new programs and techniques, in the United States and in Europe.

Department of Physical Education for Women

BEULAH J. DROM, Assistant Professor of Physical Education for Women, first semester, full pay; to study closed circuit television teaching and physical education programs in elementary school laboratories at various universities, and for preparation of materials for physical education in elementary schools.

Department of Recreation

MAXWELL R. GARRET, Assistant Professor of Recreation, first semester, full pay; to study youth hostels, to study fencing in European countries, and to attend World Congress in Physical Education in connection with Olympic Games, in Europe.

Chicago Undergraduate Division

IRVING D. BLUM, Assistant Professor of English, second semester, full pay; for completion of a study of man of business in English literature.

WILLIS C. JACKMAN, Assistant Professor of English, second semester, full pay, or academic year, one-half pay; to study the development of certain elements in grammar structure in English, as changes have occurred over the centuries; work to be done in Europe.

JOHN C. JOHNSON, Assistant Professor of English, second semester, full pay; for continuation of studies of attitude of *Academy* toward Continental and American writers, 1869-96; work to be done in Northwestern University and Newberry Libraries.

MOREEN C. JORDAN, Assistant Professor of English, second semester, full pay; for preparation of a bibliography on Henry James; work to be done in Europe.

ALEXANDER KARANIKAS, Assistant Professor of English, second semester, full pay, or academic year, one-half pay; for completion of publications and for studies of racism, Victorian writers, and of social and literary theories of the Southern Agrarians; work to be done in the United States.

MAX C. SHANK, Associate Professor of Biological Sciences and Chairman of the Division, academic year, one-half pay; leave contingent upon receipt of supplementary financial support through a fellowship or grant-in-aid; to study the relation between length of day and gonadal cycle in migratory birds; work to be done in Uganda, British East Africa.

LESTER D. WHITE, Assistant Professor of Architecture, academic year, one-half pay; for visiting schools whose instruction has the most impact upon contemporary architecture, in the United States, in Japan, and in Europe.

Chicago Professional Colleges

College of Medicine

ROBERT M. KARK, Professor of Medicine, six months from July 1, 1961, full pay; to study renal disorders; work to be done in London.

KLAUS R. UNNA, Professor of Pharmacology and Head of the Department, six months from October 1, 1960, full pay; to study the history of pharmacology in the nineteenth century, as Honorary Professor at the University of Vienna.

College of Pharmacy

BERNARD GREENBERG, Assistant Professor of Zoology, academic year, one-half pay; to study host-contaminant biology of Muscoid flies, in Italy.

ALFRED J. PERKINS, Associate Professor of Chemistry, six months from January 23, 1961, full pay; for examination of the structure of the trithiocarbonate ion and tetrathiocarbonates; work to be done at the Massachusetts Institute of Technology.

Research and Educational Hospitals

CONRAD L. PIRANI, Professor of Pathology and Pathologist, six months from March 20, 1961, full pay; to study connective tissues; work to be done in Europe.

On motion of Mrs. Watkins, these leaves were granted as recommended.

AMENDMENT OF REGULATIONS GOVERNING ASSESSMENT OF RESIDENT OR NONRESIDENT STUDENT FEES

(5) The Committee on Fees recommends a revision in paragraph 15 in the "Regulations Governing Assessment of Resident or Nonresident Student Fees," effective June 1, 1960, as follows; the changes are shown in italics and language to be deleted is in parentheses.

Staff members and the spouses and *dependent* children of staff members of the University and *allied agencies located in Champaign-Urbana* on full-time appointment (at the University), members of the faculties of state-supported institutions of higher education in Illinois on full-time appointment, (and) teachers on full-time appointment in the elementary and secondary schools in Illinois, *and staff members on full-time appointment with allied agencies located elsewhere in Illinois* shall be permitted to attend the University upon paying the same tuition and other fees assessed against resident students during the period the staff member, faculty member, or teacher holds such appointment *and during the Summer Session immediately following the school year for which such appointment was effective.* (. . . and is performing the duties of the position specified above to which he has been appointed.)

I concur.

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

APPROPRIATION FOR GRADUATE COLLEGE FELLOWSHIPS FOR 1960-61

(6) On request of the Dean of the Graduate College and with the concurrence of the Vice-President and Provost and the Vice-President and Comptroller, I recommend an appropriation of \$282,500 for fellowships during the academic year 1960-61 — \$262,500 for graduate study at Urbana and \$20,000 for graduate study at the Chicago Professional Colleges. This is the same annual amount as has been assigned by the Board for fellowships during the past several years.

Funds have been included in the biennial budget for 1960-61 for this purpose.

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

CONTRACT FOR STORM SEWER CONSTRUCTION TO SERVE ORCHARD PLACE APARTMENTS AREA

(7) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$9,989 to Illiana Construction Company, Inc., Urbana, the lowest bidder, for the construction of a new storm sewer connection from the south end of the Orchard Place Apartments area to the Race Street storm sewer. Funds are available in the construction account for this housing project.

I concur.

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

PURCHASES

(8) 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.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One Tektronix model 555 dual beam oscilloscope	Electrical Engineering	Tektronix, Inc., Park Ridge	\$3 201 45 f.o.b. delivered
One No. 500/53A scopemobile			
One "CA" preamplifier			
One "H" preamplifier			
One type 2.004 digital voltmeter group, complete with all necessary harness, cables, and connectors for use with Model 16-31-R pace analog computer	Electrical Engineering	Electronic Associates, Inc., Long Branch, N.J.	2 900 00 f.o.b. Long Branch, N. J.
54 cat cages	Electrical Engineering	Leichner Manufacturing Co., Champaign	3 483 00 f.o.b. delivered
One five-channel remote area monitoring system including: One TA-1 control and power unit One TA-2 auxiliary chassis One MX-7Q audible alarm Five TA-6 probes Five AX-5 wall and probe bracket set Five AX-2 plug-in meters and alarm light Five TA-3 station indicator 400 feet cable One single pen strip chart recorder to monitor one channel	Physics	Tracerlab, Inc., Waltham, Mass.	4 328 00 f.o.b. delivered
Two gold bars 99.999 per cent pure, 25 inches long x .480 ± .010 x .480 ± .010	Physics	Sigmund Cohn Corp., Mount Vernon, N.Y.	6 655 00 f.o.b. Mount Vernon, N.Y.
One wheel chair kitchen unit consisting of: One range unit (less range) One sink unit (less sink) Two mix centers Eight base and upper cabinet units Two full height cabinet units Six corner cabinet units	Home Economics	Zwettler & Stahnke, Urbana	4 010 42 f.o.b. delivered
Six microscopes, student, monocular; 10X, 43X, 97X (oil), 10X eyepiece Nine microscopes, student, monocular; 2X, 10X, 15X, 97X, 10X eyepiece One microscope, phase, 10X, 20X, 30X, 97X dark contrast Less trade-in allowance for one obsolete microscope, three objective, one eyepiece	Microbiology Veterinary Medicine	Arthur S. LaPine & Co., Chicago	5 559 70 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One portable automatic flask washer	Hospital Pharmacy	American Sterilizer Co., Chicago	\$2 840 00 delivered
Two analog computers; one X-Y recorder and accessories	Physiology, College of Medicine	Donner Scientific Co., Concord, Calif. Two analog computers Concord, Calif.	8 252 30 f.o.b.
		Crossley Associates, Inc., Chicago	1 700 00 f.o.b.
		One X-Y recorder	Pasadena, Calif.
One set of band-orchestra-chorus folding risers, five levels, with over-all size of layout, 60 ft. x 30 ft.	Music Extension	Martin O. Larson Co., Chicago	3 689 00 f.o.b.
20,000 copies, printed and bound, <i>High School Mathematics</i> , Units 1 through 4, Students' Edition, approximately 708 pages	University Press	The Waldemar Press, Indianapolis, Ind.	36 466 00 delivered
3,000 copies, printed and bound, <i>High School Mathematics</i> , Teachers' Edition, approximately 757 pages			
And such additional quantities of the Students' Edition and/or Teachers' Edition, as required to meet the needs of the program through June 30, 1961			
Print and bind 2,500 copies of <i>The Impact of Educational Television</i> , edited by Wilbur Schramm, approximately 288 pages per copy	University Press	Vail-Ballou Press, Inc., New York, N.Y.	4 960 23 f.o.b.
Print and bind 1,000 copies of <i>Genesis and Structure of Society</i> , by Giovanni Gentile, approximately 224 pages per copy	University Press	Vail-Ballou Press, Inc., New York, N.Y.	5 665 65 f.o.b.
Print and bind 1,000 copies of <i>Social Philosophy of Giovanni Gentile</i> , by H. S. Harris, approximately 368 pages per copy			delivered
Print and bind 34,000 copies of the Time Table for the first semester of 1960-61, approximately 256 pages per copy	University Press	The Cuneo Press, Inc., Chicago	5 594 45 f.o.b.
Print and bind 40,000 copies of the Undergraduate Study Catalog for 1960-61	University Press	Pantagraph Printing & Stationery Co., Bloomington	25 697 00 f.o.b.
One 3M Makeready exposure unit, electronically controlled, for the reproduction of halftones	Print Shop	Minnesota Mining & Manufacturing Co., St. Paul, Minn.	3 195 00 f.o.b.
160 steel bookshelf sections, each 36 in. wide x 9½ in. deep x 84 in. high	Office Supply Stores	Jack Sheean, Bloomington	5 024 00 f.o.b.
Steel office furniture, for Office Supply Storeroom stock to be distributed to various University departments as follows: 200 desks 25 tables 195 filing cabinets	Office Supply Stores	All-Steel Equipment, Inc., Aurora	29 143 67 f.o.b.
390 steel office chairs, Naugahyde plastic upholstery, for stock to be distributed to various University departments, assorted styles as follows: 150 swivel arm chairs 20 swivel chairs, no arms 50 side arm chairs 100 side chairs, no arms 70 stenographers' chairs	Office Supply Stores	All-Steel Equipment, Inc., Aurora	9 919 45 f.o.b.
160 steel storage cabinets, for Office Supply Storeroom stock to be distributed to various University departments, sizes as follows: 150 36 in. wide x 18 in. deep x 78 in. high 10 36 in. wide x 24 in. deep x 78 in. high	Office Supply Stores	All-Steel Equipment, Inc., Aurora	5 513 19 f.o.b.
White watermarked paper, 22 x 34, as follows: 400 reams 40 lb. 50 per cent rag 100 reams 32 lb. 50 per cent rag 400 reams 40 lb. 25 per cent rag 200 reams 32 lb. 25 per cent rag 75 reams 26 lb. 25 per cent rag	Office Supply Stores	Hawthorne Paper Co., Chicago	12 760 25 f.o.b.
White bond paper, 22 x 38, as follows: 36 reams 39 lb. 25 per cent rag 24 reams 49 lb. 25 per cent rag			delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
69,000 sheets 25 1/4 in. x 90 1/4 in. sulphite index paper in various colors and weights	Office Supply Stores	Decatur Paper House, Inc., Decatur	\$2 608 12 f.o.b. delivered
Six-room prefabricated house to have 1144 square feet living space, to be erected on foundation provided by the University at the Dixon Springs Experiment Station (this is for use as a residence by a University staff member in service at Dixon Springs)	Dixon Springs Experiment Station	Southern Homes, Inc., Marion	7 293 54 f.o.b. delivered and erected
One 75-gallon per hour capacity distilled water still, complete with automatic controls	Physical Plant, Chicago	American Sterilizer Co., Chicago	2 834 00 delivered
One Crawler tractor, 35 belt horsepower, complete with front loader, scraper, clamshell, and skid shovel, to replace 1948 Caterpillar crawler tractor and loader	Physical Plant	Hannagan's Power Farm, Champaign	4 312 00 f.o.b. Urbana
Fire and extended coverage insurance, subject to 50 per cent coinsurance, for three years, in the amount of \$250,000 covering the Drill Hall Building at Navy Pier, Chicago	Physical Plant, Chicago Undergraduate Division	Capen Insurance Agency, Bloomington, representing the Kansas City Fire & Marine Insurance Co. Liberty Mutual Insurance Co., Chicago	5 983 13 2 494 38 (8 477 51)
Nine four-door sedans	Physical Plant	Courtesy Motor Sales, Inc., (Ford), Chicago	
One four-door nine-passenger station wagon		Nine sedans	7 496 64
One pickup truck, 5,000 lbs. gross vehicle weight		One pickup truck	2 003 94
One van truck, 14,000 lbs. gross vehicle weight		University Ford Sales, Inc., Champaign	
Less trade-in allowance for nine sedans and one station wagon. The two trucks are additions to the Physical Plant's operational equipment, and the passenger vehicles are replacements.		One station wagon	1 096 00
		Sullivan Chevrolet Co., Champaign	
One Huge Haul refuse container, 30 cubic yard capacity, for use with Huge Haul refuse disposal equipment operated by the Physical Plant	Housing Division	Coleman & Associates, Rockford	2 757 72 f.o.b. Urbana
1,976 chairs	Housing Division	Faucett-Umphrey Corp., Bloomfield, Ind.	216 278 60 f.o.b.
1,976 desks		Desks, beds, and bolsters	delivered
310 bolsters		S. Buckman Furniture & Supply Co., Spring Valley	48 275 64 f.o.b.
1,582 single beds		Chairs	delivered
197 bunk beds			
Laboratory building to be constructed at the Radio Telescope site near Danville, Illinois, building to be of prefabricated metal, 32 ft. x 60 ft.	Astronomy	Chism & Miller, Inc., Springfield	23 573 00
Ten stereomicroscopes less trade-in allowance for one used microscope	Pharmacy	Schaar & Co., Chicago	2 920 35 delivered

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

COMPTROLLER'S REPORT OF CONTRACTS

(9) The Comptroller's report of contracts executed during the period February 1 to 29, 1960.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
American Dairy Association	Relationship of milk protein to serum cholesterol levels	\$ 3 500 00	November 25, 1959
Community Youth Council, Inc.	Recreation and park survey	500 00	November 10, 1959
Laura Lee Fellowship House Association	Neighborhood recreation survey	400 00	January 1, 1960
National Educational Television and Radio Center	To produce twenty television educational programs	13 000 00	July 1, 1959
The National Aeronautics and Space Administration	Support of basic scientific research entitled "Establishment of a radio receiving station north of the Auroral Zone for use in studying signals received from radio bearing satellites"	11 073 00	December 1, 1959

<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-3310	Decomposition reactions, both ionic and free-radical, of organic peroxides	\$11 178 20	February 1, 1960
United States of America acting through Department of State	Assist the Department to carry out a Brazilian Student Leader Seminar	42 170 00	December 1, 1959
United States Atomic Energy Commission AEC BM-8-15-60	Purchase of a manual liquid scintillation counter	8 500 00	December 4, 1959
United States Navy Nonr-1834(32)	Structure of turbulent velocity and pressure fluctuations in the boundary layer	17 000 00	January 1, 1960

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
Pitney-Bowes, Inc.	Lease of postage meter "Chicago"	\$ 156 00 annually	February 19, 1960

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	Performance of filter materials in subdrains	\$ 2 000 00	January 5, 1960
Association of American Railroads	Railroad roadbed stabilization	1 000 00	December 31, 1959
Dawe's Laboratories, Inc.	Animal and poultry nutrition	2 000 00	February 11, 1960
Moorman Manufacturing Co.	Poultry nutrition	2 600 00	February 22, 1960
United States Air Force AF 33(616)-5965	Classification of tasks for ordering knowledge of human learning	24 967 00	December 15, 1959
United States Air Force AF 49(638)-212	Metallic properties of titanate semiconductors	17 360 00	December 30, 1959
United States Army DA-11-022-ORD-1985	Diazo reactions and certain ketonic rearrangements	4 482 00	February 1, 1960
United States Army DA-11-177-AV-582	Pilot training	500 75	December 23, 1959
United States Army DA-49-129-ENG-393	Multiple-panel reinforced concrete floor for buildings	10 000 00	January 4, 1960
United States Atomic Energy Commission AT (11-1)-67 Project No. 9	Structural changes in metals due to annealing after deformation	24 068 00	January 21, 1960
United States Atomic Energy Commission AT (11-1)-392	Development of new principles and techniques of submillimeter wave generation, detection, and measuring	7 000 00	January 21, 1960
United States Navy Nonr-1834(02)	Development of radio wave direction-finding techniques	50 000 00	January 7, 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-six items: \$130.23 deduct to \$352.00	\$ 1 518 73	January and February, 1960

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) resignations, declinations, and cancellations; (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.)
APPLEGATE, SHELTON P., Assistant in Biological Sciences (Chicago Undergraduate Division), February 1-June 15, 1960, \$2100 (2-20-60).

- APTER, JULIA T., Research Associate in Psychiatry (Medicine), eight months from January 1, 1960, \$958.33 a month (2-20-60).
- ASCH, WALTER B., Assistant in Social Sciences (Chicago Undergraduate Division), February 1-June 15, 1960, \$444.44 a month, supersedes (2-23-60).
- ATTEBERRY, GEORGE D., Assistant in Marketing (Agricultural Economics) (S), seven months from February 1, 1960, \$6200 a year (2-11-60).
- BEULIGMANN, RAYMOND F., Instructor in Electrical Engineering (C), $\frac{1}{2}$ time, March 1-August 31, 1960, to render service during the second semester of the academic year, \$1000 a year; this supersedes his previous appointment and is in addition to his Engineering Faculty Development Teaching Fellowship in Electrical Engineering (2-11-60).
- BUTLER, DAVID E., Associate Member of the Center for Advanced Study, Department of Political Science, six months from July 1, 1960, \$6000 (2-26-60).
- CARMER, SAMUEL G., Assistant in Agronomy (C), February 1-August 31, 1960, \$4600 a year, supersedes (3-1-60).
- CASELL, ROBERT L. S., Instructor in English (Chicago Undergraduate Division), to render service during the second semester of the academic year, February 1-August 31, 1960, \$2700 (2-23-60).
- DAVIES, ALAN J., Clinical Instructor in Surgery (Medicine), $\frac{3}{10}$ time, five months from February 1, 1960, \$150 a month, supersedes his nonsalaried appointment (2-20-60).
- DHARMARAJAN, SANGIAH, Research Associate in Theoretical and Applied Mechanics (C), $\frac{7}{10}$ time, to render service during the second semester of the academic year, February 1-August 31, 1960, \$3500 a year, supersedes (2-23-60).
- DUNLAP, RUANE D., Assistant in Marketing (Agricultural Economics) (S), seven months from February 1, 1960, \$5800 a year, supersedes (2-11-60).
- EBNER, KURT E., Assistant in Dairy Science (S), six months from February 1, 1960, \$4800 a year (2-23-60).
- ECKHARDT, SUE A., Research Assistant in Botany, February 17-August 31, 1960, \$4600 a year, supersedes (2-23-60).
- EMRICK, ROY M., Research Associate in Physics (C), March 1-August 31, 1960, \$6600 a year, supersedes (3-1-60).
- ENDERBY, CHARLES E., Instructor in Electrical Engineering (S), March 1-August 31, 1960, \$5380 a year, supersedes (3-1-60).
- ETTER, DONAL E., Research Assistant in the State Water Survey, February 16-June 30, 1960, \$4400 a year (2-24-60).
- FRENCH, JAMES L., Instructor in Mechanical Engineering (C), $\frac{1}{4}$ time, to render service during the second semester of the academic year, March 1-August 31, 1960, \$1500 a year; this supersedes his appointment dated August 4, 1959, and is in addition to his appointment as Engineering Faculty Development Teaching Fellow in Mechanical Engineering (2-23-60).
- GAITHER, ROBERT B., Instructor in Mechanical Engineering (C), $\frac{1}{4}$ time, to render service during the second semester of the academic year, March 1-August 31, 1960, \$1500 a year; this supersedes his appointment dated September 12, 1959, and is in addition to his appointment as Ford Foundation Fellow in Mechanical Engineering (2-23-60).
- GIESE, JAMES W., Instructor in Accountancy, March 1-August 31, 1960, to render service during the second semester of the academic year, \$2400, supersedes (3-1-60).
- HART, HOWARD R., JR., Research Associate in Physics (C), seven months from February 1, 1960, \$7200 a year, supersedes (3-1-60).
- KARNI, SHLOMO, Instructor in Electrical Engineering (C), March 1-August 31, 1960, to render service during the second semester of the academic year, \$6000 a year, supersedes (2-11-60).
- KARPLUS, MARTIN, Associate Professor of Physical Chemistry, indefinite tenure beginning February 1, 1960, to render service during each academic year, \$8000 a year, supersedes (2-22-60).
- KILLIAN, THOMAS J., Instructor in Electrical Engineering (C), $\frac{1}{2}$ time, March 1-August 31, 1960, to render service during the second semester of the academic year, \$2250 a year (2-11-60).
- KLOCK, PAUL W., Instructor in Electrical Engineering (C), $\frac{1}{5}$ time, six months from March 1, 1960, to render service during the second semester of the

- academic year, \$1120 a year; this supersedes his previous appointment and is in addition to his appointment as Engineering Faculty Development Teaching Fellow in Electrical Engineering (2-11-60).
- KNAKE, ELLERY L., Assistant Professor of Field Crops Extension, in the Department of Agronomy (S), $\frac{1}{4}$ time, and in the Extension Service in Agriculture and Home Economics, $\frac{1}{4}$ time, seven months from February 1, 1960, \$4900, supersedes (2-11-60).
- KREIER, JULIUS P., Instructor in Veterinary Pathology and Hygiene (College of Veterinary Medicine and Graduate College), seven months from February 1, 1960, \$5850 a year, supersedes (2-20-60).
- KRIAUCIUNAITIS, VITA, Research Assistant in Preventive Medicine (Medicine), February 15-August 31, 1960, \$4800 a year (3-1-60).
- KRIZAN, THOMAS F., Instructor in the Sports Fitness School, Department of Physical Education for Men, $\frac{2}{3}$ time, June 20-August 13, 1960, \$889; this is in addition to his present appointment (3-1-60).
- LASSLO, MRS. WILMA R., Serials Cataloger, with rank of Instructor, in the Library, June 20-August 31, 1960, \$458.33 a month (2-23-60).
- LAWSON, JOAN C., Instructor in English (Chicago Undergraduate Division), $\frac{1}{2}$ time, February 1-June 30, 1960, to render service during the second semester of the academic year, \$1125 (2-20-60).
- MALHOTRA, OM PARKASH, Instructor in Veterinary Physiology and Pharmacology (Veterinary Medicine), six months from March 1, 1960, \$5800 a year, supersedes (2-20-60).
- MANN, RANDALL L., Clinical Instructor in Medicine (Medicine), February 18-August 31, 1960, without salary (2-20-60).
- MEYER, PAUL-ANDRÉ, Research Associate in Mathematics, February 1-June 15, 1960, \$2750 (2-20-60).
- MILLER, SOL, Research Assistant in Anthropology, four months from February 1, 1960, \$366.67 a month (2-11-60).
- MOUNT, WILLIAM J., Instructor and Specialist in Food Merchandising and Consumer Education (E), six months from March 1, 1960, \$7000 a year (2-20-60).
- MOYAR, GERALD J., Research Associate in Theoretical and Applied Mechanics (C), February 1-August 15, 1960, to render service during the second semester of the academic year, \$525 a month (2-15-60).
- MUELLER, ILZE, Assistant in Foreign Languages (Chicago Undergraduate Division), February 1-June 15, 1960, \$2000, supersedes (2-23-60).
- MULDOON, ROBERT L., Research Associate in Medicine (Medicine), February 8-August 31, 1960, \$6800 a year (2-23-60).
- MUNRO, CLARE, Research Associate in Psychiatry (Medicine), six months from January 1, 1960, \$6500 a year (2-11-60).
- NAGARAJ, AKKIHBBAL N., Research Associate in Botany, six months from February 1, 1960, \$3000, supersedes (2-20-60).
- ORBAN, DENES, Assistant in Obstetrics and Gynecology (Medicine), January 1, 1960-June 30, 1961, without salary (2-20-60).
- PALMER, JOHN R., Assistant in Education, February 1-June 15, 1960, \$500 a month, supersedes (2-24-60).
- PENNIMAN, WILLIAM D., Editorial Assistant in the Engineering Experiment Station and in the College of Engineering, June 16-August 31, 1960, \$444.44 a month (3-1-60).
- PICKETT, ARTHUR D., Associate Professor of Biological Sciences, on indefinite tenure beginning February 1, 1960, to render service during each academic year, and Associate Dean of Administration, February 1, 1960-August 31, 1961 (Chicago Undergraduate Division), \$13,000 a year, supersedes (2-11-60).
- POWELL, JOHN T., Instructor in the Sports Fitness School, Department of Physical Education for Men, $\frac{1}{2}$ time, June 20-August 13, 1960, \$667; this is in addition to his present appointment (3-1-60).
- RODDA, ERROL D., Instructor in Agricultural Engineering (C), $\frac{1}{4}$ time, February 1-August 31, 1960, \$1700 a year; this supersedes his appointment dated September 18, 1959, and is in addition to his appointment as Engineering Faculty Development Teaching Fellow in Civil Engineering (2-23-60).
- RODRIGUEZ, GABRIEL A., Assistant in Obstetrics and Gynecology (Medicine), January 1, 1960-June 30, 1960, without salary (2-20-60).

- SARKISSIAN, JOHN L., Instructor in Biological Sciences (Chicago Undergraduate Division), five months from February 1, 1960, to render service during the second semester of the academic year, \$2250 (2-20-60).
- SCHROER, HORST H., Research Associate in Physics (C), February 15-August 31, 1960, \$7000 a year (2-23-60).
- SELSKY, MELVYN I., Research Associate in Botany, five months from February 1, 1960, \$2500, supersedes (2-20-60).
- SPURLOCK, JEANNE, Clinical Assistant Professor of Psychiatry (Medicine), $\frac{3}{4}$ time, eight months from January 1, 1960, \$2500 a year, supersedes her non-salaried appointment (2-20-60).
- STAFFORD, JOSEPH J., Research Assistant in Electrical Engineering (S), seven months from February 1, 1960, \$5200 a year, supersedes (2-23-60).
- STEIER, WILLIAM H., Assistant Professor of Electrical Engineering (C), to render service during each academic year, March 1, 1960-August 31, 1960, \$3600, and September 1, 1960-August 31, 1961, \$7200, supersedes (2-15-60).
- TOBIN, ARNOLD D., Research Associate in Psychiatry (Medicine), 15/100 time, seven months from February 1, 1960, \$1800 a year (2-23-60).
- TOEPFER, RICHARD E., JR., Instructor in Electrical Engineering (C), $\frac{1}{2}$ time, to render service during the second semester of the academic year, March 1-August 31, 1960, \$1040 a year; this supersedes his previous appointment and is in addition to his appointment as Engineering Faculty Development Teaching Fellow in Electrical Engineering (2-11-60).
- VARANDANI, PARTAB T., Research Associate in the Radiocarbon Laboratory, six months from March 1, 1960, \$5500 a year, supersedes (3-1-60).
- WATANABE, TOSHIO, Research Associate in Physiology (Medicine), 15/100 time, eight months from January 1, 1960, \$90 a month (2-20-60).
- WHITE, ROBERT A., Instructor in Mechanical Engineering (C), $\frac{3}{4}$ time, to render service during the second semester of the academic year, March 1-August 31, 1960, \$3900 a year, supersedes (2-23-60).

GRADUATE FELLOWS

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

- BEULIGMANN, RAYMOND F., Engineering Faculty Development Teaching Fellow in Electrical Engineering, seven months from February 1, 1960, \$1667; this is in addition to his appointment as Instructor in Electrical Engineering on one-fifth time (1-22-60).
- BOYER, ALVIN C., United States Public Health Service Fellow (Trainee) in Chemistry, February 1-June 15, 1960, \$1012 (2-18-60).
- DYER, JAMES R., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, nine months from September 16, 1959, \$2800 (2-22-60).
- FRENCH, JAMES L., Engineering Faculty Development Teaching Fellow in Mechanical Engineering, seven months from February 1, 1960, \$875; this is in addition to his appointment as Instructor in Mechanical Engineering on one-fourth time (1-22-60).
- GILBERG, ARNOLD, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), five months from February 1, 1960, \$60 a month (2-29-60).
- GREEN, MELVIN H., United States Public Health Service Fellow (Trainee) in Chemistry, two months from June 16, 1959, \$600 (2-22-60).
- GUIRE, PATRICK E., United States Public Health Service Fellow (Trainee) in Chemistry, February 1-June 15, 1960, \$950 (1-27-60).
- HAUGH, CONNOR F., General Electric Company Fellow in Electrical Engineering, February 1-June 15, 1960, \$875 (2-12-60).
- HEDVIG, THOMAS I., Engineering Faculty Development Fellow in Electrical Engineering, seven months from February 1, 1960, \$1167 (2-4-60).
- KLOCK, PAUL W., Engineering Faculty Development Teaching Fellow in Electrical Engineering, seven months from February 1, 1960, \$1074; this is in addition to his appointment as Instructor in Electrical Engineering on one-fifth time (1-22-60).
- LARSON, RUSSELL L., United States Public Health Service Fellow (Trainee) in Chemistry, two months from June 16, 1959, \$400 (2-22-60).

- OLSON, ROY E., American Society for Testing Materials Fellow in Civil Engineering, nine months from January 1, 1960, \$5000 (2-10-60).
- RAAMOT, TONIS, Engineering Faculty Development Fellow in Civil Engineering, February 1-June 15, 1960, \$700 (2-29-60).
- REHAK, JAMES R., B. B. Rappaport Dental Student Part-time Research Fellow (Chicago Professional Colleges), four months from February 15, 1960, \$400 (2-19-60).
- REYNOLDS, HARRY A., United States Public Health Service Fellow (Trainee) in Veterinary Medicine, one year from February 1, 1960, \$4700 (1-25-60).
- RILEY, WILLIAM H., United States Public Health Service Fellow (Trainee) in Chemistry, February 1-June 15, 1960, \$970 (2-18-60).
- RODDA, ERROL D., Engineering Faculty Development Teaching Fellow in Civil Engineering, seven months from February 1, 1960, \$759; this is in addition to his appointment as Instructor in Agricultural Engineering on one-fourth time (1-28-60).
- TOEPFFER, RICHARD E., JR., Engineering Faculty Development Teaching Fellow in Electrical Engineering, seven months from February 1, 1960, \$893; this is in addition to his appointment as Instructor in Electrical Engineering on one-fifth time (1-22-60).
- UPPER, CHRISTEN D., United States Public Health Service Fellow (Trainee) in Chemistry, two months from June 16, 1959, \$400 (2-22-60).
- WORTH, EDWARD G., Engineering Faculty Teaching Development Fellow in Civil Engineering, seven months from February 1, 1960, \$245; this is in addition to his appointment as Assistant in Civil Engineering on one-fourth time (2-4-60).

RESIGNATIONS, DECLINATIONS, AND CANCELLATIONS

- ARIGONI, DUILIO, Visiting Lecturer in Chemistry—declination effective February 1, 1960.
- BRINLING, JOHN C., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges)—resignation effective February 9, 1960.
- CZERNIK, DANIEL E., Fellow in Mechanical Engineering—resignation effective February 1, 1960.
- DILL, JONATHAN L., National Institute for Mental Health Fellow (Trainee) in Social Work—resignation effective February 1, 1960.
- DUDLEY, WILLIAM A., Assistant in Animal Science (S)—resignation effective April 1, 1960.
- GRIEST, GUINEVERE L., Instructor in English (Chicago Undergraduate Division)—resignation effective March 1, 1960.
- HAUGH, CONNOR F., Instructor in Electrical Engineering (C)—resignation effective March 1, 1960.
- HAYNES, MRS. RUTH, Research Assistant in Botany—resignation effective February 17, 1960.
- HEDVIG, THOMAS I., Instructor in Electrical Engineering (C)—resignation effective March 1, 1960.
- HUSEK, THEODORE R., Research Associate in Psychology (College of Liberal Arts and Sciences, and Bureau of Educational Research)—resignation effective March 1, 1960.
- HUSSEY, MARY A., Instructor in English—resignation effective March 1, 1960.
- LIU, RUEY-WEN, General Electric Company Fellow in Electrical Engineering—resignation effective February 1, 1960.
- MCCONNELL, ANN L., Special Fellow in Social Work—declination effective February 1, 1960.
- OLSON, ROY E., Instructor in Civil Engineering (C and S)—cancellation effective January 1, 1960.
- POWERS, JOANN S., Research Assistant in Dairy Science (S)—resignation effective March 16, 1960.
- ROSQUIST, OLE, Fellow in Law—resignation effective February 1, 1960.
- SHIELDS, JACK W., Clinical Assistant in Medicine—resignation effective February 1, 1960.
- WILKINSON, JANET, National Institute for Mental Health Fellow (Trainee) in Social Work—resignation effective February 1, 1960.

LEAVES OF ABSENCE

- FISCH, MAX H., Professor of Philosophy—leave of absence for the second semester of the current academic year 1959-60 changed to leave of absence, without pay, for 41.4 per cent time, effective March 1, 1960.
- KOHL, CARL W., Assistant Professor of Mathematics—leave of absence, with full pay for February and March, 1960, and without pay from April 1 through August 31, 1960, on account of illness.
- SUZUKI, MICHIO, Professor of Mathematics—leave of absence, without pay, for the academic year 1960-61, so that he may accept a position as Visiting Research Professor of Mathematics at the University of Chicago.
- WILCOCK, RICHARD C., Associate Professor of Labor and Industrial Relations—leave of absence, without pay, for the period beginning September 16, 1960, through January 31, 1961, so that he may serve as Visiting Professor at the University of California at Los Angeles during the first semester of 1960-61.

MEETINGS OF ASSOCIATION OF HIGHER EDUCATION

Mrs. Watkins made an informal report on meetings of the Association of Higher Education held in Chicago during the week of March 7 which she attended as one of the representatives of the University.

APRIL AND MAY MEETINGS

President Williamson called attention to the Board's decision to hold its April meeting in Chicago, on Wednesday, April 20, and asked the Board to set the date of the May meeting.

On motion of Mrs. Watkins, the Board voted to hold its May meeting in Urbana, Illinois, on Tuesday, May 17, 1960, at an hour and place to be determined by the President and the Secretary of the Board.

RECESS

At this point the Board recessed for luncheon.

Mr. Clement asked to be excused from further attendance at the meeting on account of illness.

EXECUTIVE SESSION

When the Board reconvened, Mr. Swain joined the meeting.

On motion of Mr. Herrick, an executive session was ordered for consideration of the following recommendations relating to property acquisitions.

PURCHASE OF A. R. TEMPLE FARM IN CHAMPAIGN COUNTY

(10) The Dean of the College of Agriculture and the Director of the Experiment Station, the Director of the Physical Plant, and the Vice-President and Comptroller recommend the purchase, through the University of Illinois Foundation, from Mr. Boyd Harper, Champaign, of an area of approximately eight-five acres of farm land immediately north of land recently acquired from Esther and Grace Maxwell at a price of \$1,750 an acre, payment in full to be made at the time possession is given to the Foundation, which will be not later than March 1, 1961. This tract adjoins University property in the area of its south farms and is part of the program of farm land acquisition for the College of Agriculture and the Experiment Station.

Since the University does not presently have funds for this land acquisition, it is recommended that the Foundation be requested to purchase it for the University and to finance this through borrowing of the amount of money necessary (approximately \$150,000) from the First National Bank of Chicago, and to lease the property to the University at a rental sufficient to cover the interest and other costs. When funds are available to the University, it will purchase the property from the Foundation for the amount the latter will then have invested in the property, and the Foundation will repay the loan and transfer title to the University. A commitment to make the loan has been secured from the Bank.

The Committee on Buildings and Grounds has previously considered this proposal and recommends approval.

On motion of Mr. Hughes, this recommendation was approved. Mr. Herrick asked to be recorded as voting "no."

**PROPOSAL FOR ACQUISITION OF GARFIELD PARK AREAS
FOR RELOCATION OF CHICAGO UNDERGRADUATE DIVISION**

The Committee on General Policy reported that it has considered recommendations from the President of the University and the Director of the Physical Plant that a proposal be made to the Chicago Park District and the city of Chicago for the acquisition by the University of certain areas of Garfield Park land as a site for the Chicago Undergraduate Division.

The Committee presented this proposal to the Board of Trustees with the recommendation that it be authorized. Copies of the complete text of the proposal were distributed to the Trustees, and a copy has been filed with the Secretary of the Board for record. There followed a discussion of the proposal in which all members of the Board present participated.

Mr. Johnston then asked that this proposal be approved as a recommendation from the Committee on General Policy.

On motion of Mr. Swain, the President of the University was authorized to present the proposal to the Commissioners of the Chicago Park District and to the Mayor of Chicago; Mr. Harewood asked to be recorded as present but not voting.

On motion of Mr. Swain, the Executive Committee of the Board was authorized to act for the Board in negotiations with officials of the Chicago Park District on any matters relating to the acquisition of Garfield Park land requiring official action by the Board of Trustees; in particular, the Executive Committee was authorized to accept an offer, if made by official action of the Chicago Park District prior to the April 20 meeting of the Board of Trustees, to the Board for the purchase of land in Garfield Park if the offer is in accord with the proposal today approved by the Board, or to accept an option tendered to the Board of Trustees of the University, if offered by official action of the Chicago Park District prior to the April 20 meeting of the Board of Trustees, to purchase land in Garfield Park at a price based on the fair cash value of such land to be determined by an appraisal procedure requiring the unanimous agreement of three appraisers, one to be selected by the Chicago Park District, one by the Board of Trustees of the University, and the third to be selected by the other two appraisers.

On this motion the vote was: Aye, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; present but not voting, Mr. Harewood; absent, Mr. Clement, Mr. Pogue, Governor Stratton.

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

April 20, 1960



The April meeting of the Board of Trustees of the University of Illinois was held in the LaSalle Hotel, Chicago, Illinois, on Wednesday, April 20, 1960, beginning at 1:30 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, Associate Provost and Dean of Administration Royden Dangerfield, 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, Professor Rubin G. Cohn of the College of Law; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary.

REPORTS OF COMMITTEES

Meetings of the Board's Committees on General Policy and Buildings and Grounds were held in the forenoon beginning at 10:00 a.m.

CHICAGO UNDERGRADUATE DIVISION SITE ACQUISITION

At the request of Mr. Johnston, Chairman of the Committee on General Policy, President Henry, Director Havens, and Professor Cohn reported on developments, since the March meeting of the Board of Trustees, in negotiations with officials of the Chicago Park District and the city of Chicago for the acquisition by the University of Garfield Park land as a site for the Chicago Undergraduate Division.

Thanks to the cooperation of the Chicago Park District and the city of Chicago, the Commissioners of the Chicago Park District on April 11, 1960, took official action which provides a basis for determination of the legal questions involved in conveyance of Garfield Park land to the University. Professor Cohn reported that a decision by the Supreme Court of Illinois as to the legality of such conveyance can be anticipated in the fall of 1960.

Director Havens stated that Garfield Park offers the only opportunity to complete the planning and construction of a Chicago campus at an early date, and recommended that the University continue to work for a general commitment from the Chicago Park District and the city of Chicago that Garfield Park land will be made available subject to a favorable determination of the legal questions.

The Board of Trustees at its meeting on March 16, 1960, authorized the Executive Committee to act for the Board in considering formal acceptance of an option to purchase Garfield Park land should such an option be offered and action by the Board of Trustees required prior to the April meeting. Specifically the Committee was authorized to accept an option if the action of the Chicago Park District established an appraisal price based on a fair cash value of the property.

At the conclusion of these presentations, Mr. Johnston offered the following as an official statement of the University's position:

"The Board of Commissioners of the Chicago Park District adopted an ordinance offering the Board of Trustees of the University of Illinois an option to purchase Garfield Park land as a site for the Chicago Undergraduate Division. Subsequently, a court order was sought and secured by taxpayers restraining the Commissioners from offering and the Board of Trustees from accepting this option.

"Had this restraining order not been issued, the Board of Trustees of the University of Illinois would have taken action to exercise the option offered."

This statement was adopted without dissent.

During the discussion of this motion, Mr. Harewood suggested that in addition to continuing negotiations for the acquisition of Garfield Park, University officials also continue exploring the other possible sites.

On motion of Mr. Johnston, the Board voted to express its appreciation to the Commissioners of the Chicago Park District and to the Mayor of Chicago for their cooperation in the negotiations for the acquisition of Garfield Park.

CONTRACTS FOR LANDSCAPING

The Executive Committee of the Board of Trustees has authorized the awards of contracts for landscaping areas as follows:

Orchard Place Apartments—Wandell's Twin City Nursery and Land-	
scape Service, Urbana.....	\$14 889
Men's Residence Halls Snack Bar and Post Office—Al Nordheden,	
Urbana.....	7 480

The award in each case was to the lowest bidder. Funds are available in the

construction accounts for these buildings which are financed by revenue bond issues.

The Orchard Place Apartments are south of Florida Avenue between Orchard Street extended and Race Street on which 120 family housing units were constructed last year. The Snack Bar and Post Office Building is in the area of the Gregory Drive Residence Halls for men and will also serve the new Peabody Drive Residence Halls now under construction.

It was imperative that the landscaping work be authorized promptly while the nursery stock supplied and transplanted by the contractors was dormant as transplanting it later in the spring would lessen chances of survival. Bids taken earlier (March 1) were not satisfactory, were rejected, and new bids were received on March 21 which accounts for the delay in the recommendation for awards on the contracts.

On motion of Mr. Swain, this action of the Executive Committee was confirmed.

INCREASE IN CONTRACT FOR CONSTRUCTION OF SWINE BREEDING RESEARCH FACILITIES

The Executive Committee authorized an increase of \$12,000 in a contract with Oran L. Shoemaker and Company, Champaign, for the construction of two "tilt-up" slab buildings for the Agricultural Experiment Station's swine breeding research project for which the University received a grant of \$200,000 from the Moorman Manufacturing Company of Quincy. These facilities are being constructed under a standing contract authorized by the Board as the experiments proceed and according to the requirements of the research project. The object of the research is the development of lines of disease-free swine.

On motion of Mr. Swain, this action of the Executive Committee was confirmed.

INVESTMENTS

Mr. Swain, for the Finance Committee, reported the following changes in investments of trust funds from January 1 through March 31, 1960:

URBANA-CHAMPAIGN

Endowment Funds

Purchase

\$ 20 000	U. S. bonds	3%	8/15/66	\$ 18 243 75
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Current Funds

Exchange

\$1 500 000	U. S. certificates	3¾%	2/15/60 for
1 500 000	U. S. certificates	4¾%	2/15/61

Purchase (Special 4-H Memorial Camp)

\$ 5 000	U. S. bonds	2½%	9/15/72-67	\$ 4 143 75
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CHICAGO

Dentistry-Medicine-Pharmacy Building—Auxiliary

Purchase

\$ 100 000	U. S. bills	5/12/60	\$ 99 099 00
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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 1959 Series C and D—Peabody Drive (authorized by Board of Trustees resolution dated October 21, 1959)

Sale

\$ 45 000	U. S. bills	4/15/60	\$ 44 185 95
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Purchase

\$ 55 000	U. S. bills	5/26/60	\$ 54 436 25
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Assembly Hall Revenue Bonds (authorized by Board of Trustees resolution dated June 23, 1959)

Sale

\$ 50 000	U. S. notes	3¼% 5/15/60	\$ 49 968 75
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Housing Revenue Bonds of 1959 A—Graduate Housing (authorized by Board of Trustees resolution dated June 23, 1959)

Purchase

\$ 3 000	U. S. bills	7/7/60	\$ 2 926 09
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Housing Revenue Bonds of 1959 B—Graduate Housing (authorized by Board of Trustees resolution dated June 23, 1959)

Sale

\$ 16 000	U. S. bills	2/4/60	\$ 15 988 49
35 000	U. S. notes	3¼% 5/15/60	34 923 44

Purchase

\$ 80 000	U. S. bills	3/17/60	\$ 79 789 89
100 000	U. S. bills	4/7/60	99 516 11

Housing Revenue Bonds of 1958—Post Office and Snack Bar, Central Foods Stores Building, and 120 Units (authorized by Board of Trustees resolution dated December 17, 1958, and March 12, 1959)

Purchase

\$ 70 000	U. S. bills	3/10/60	\$ 69 864 67
12 000	U. S. bills	4/7/60	11 941 93
22 000	U. S. bills	6/9/60	21 745 72
200 000	U. S. bills	7/14/60	196 658 33
93 000	U. S. bills	5/19/60	92 049 54
29 000	U. S. bills	7/15/60	28 628 80

Men's Residence Halls of 1957 (authorized by Board of Trustees resolution dated March 12, 1957)

Purchase

\$ 80 000	U. S. bills	4/14/60	\$ 79 548 89
3 000	U. S. bills	3/17/60	2 992 37

Women's Residence Halls of 1956 (authorized by Board of Trustees resolution dated September 18, 1956)

Purchase

\$ 30 000	U. S. bills	3/24/60	\$ 29 813 17
28 000	U. S. bills	4/28/60	27 942 83

Men's Residence Halls of 1956 (authorized by Board of Trustees resolution dated March 23, 1956, and September 18, 1956)

Purchase

\$ 17 000	U. S. bills	3/22/60	\$ 16 949 59
13 000	U. S. bills	4/21/60	12 979 58

Sinking Funds

Assembly Hall Revenue Bonds (authorized by Board of Trustees resolution dated June 23, 1959, and July 21, 1959)

Sale

\$ 97 000	U. S. certificates	3¾% 2/15/60	\$ 97 030 31
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Purchase

\$ 99 000	U. S. bills	3/17/60	\$ 98 560 69
6 500	U. S. bonds	2¾% 9/15/61	6 386 25

Housing Revenue Bonds of 1958—Post Office and Snack Bar, Central Foods Stores Building, and 120 Units (authorized by Board of Trustees resolution dated December 17, 1958)

Purchase

\$ 59 000	U. S. bills	3/22/60	\$ 58 663 70
21 000	U. S. bills	7/21/60	20 548 79

Women's Residence Halls of 1956 (authorized by Board of Trustees resolution dated September 18, 1956)

Purchase

\$ 83 000	U. S. notes	4¾% 8/15/60	\$ 82 896 25
24 000	U. S. bills	9/15/60	23 640 40

Revenue Bonds of 1956 (authorized by Board of Trustees resolution dated March 23, 1956, and September 18, 1956)

Purchase

\$ 37 000	U. S. notes	4¾% 8/15/60	\$ 36 953 75
35 000	U. S. bills	9/15/60	34 475 58

CHICAGO

Dentistry-Medicine-Pharmacy Building Revenue Bonds — Reserve

Purchase

\$ 2 500	U. S. bonds	2½% 8/15/63	\$ 2 300 00
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This report was received for record.

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 1960 SUMMER SESSION STAFF

(1) I submit recommendations for appointments to the faculty for the 1960 Summer Session. Appointments in the Summer Session budget provide for an eight-week term at Urbana-Champaign, June 20 through August 13, and at the Chicago Undergraduate Division, June 20 through August 13; and two six-week terms, June 20 through July 30, and August 1 through September 9, in the College of Pharmacy.

The salaries of members of the University faculty recommended for appointment to the Summer Session staff are computed on the basis of the authorized formula of two-ninths of the salary of the academic year for the eight-week Summer Session and proportionate amounts for other periods or for part-time service.

The budget totals \$788,971 plus a reserve of \$17,724 for Urbana-Champaign; \$13,305 for the Chicago Professional Colleges; and \$111,228 plus a reserve of \$3,772 for the Chicago Undergraduate Division.

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 in adjustments and additional appointments as are necessary in accordance with the needs of the University within the estimated income.

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

URBANA-CHAMPAIGN

Accountancy	Part-time	Summer Salary
1. N. M. Bedford, Professor.....		\$ 2 956
2. R. I. Dickey, Professor.....		2 956
3. K. W. Perry, Professor.....		2 112

	<i>Part- time</i>	<i>Summer Salary</i>
4. C. H. Griffin, Associate Professor.....		\$ 2 045
5. V. K. Zimmerman, Associate Professor.....		1 889
6. G. D. Brighton, Associate Professor.....	½	934
7. W. L. Ferrara, Assistant Professor.....		1 556
8. H. P. Holzer, Assistant Professor.....		1 667
9. Nancy A. Desmond, Instructor.....		1 000
		(\$17 115)

Advertising

1. J. E. Moyer, Associate Professor.....	½	\$ 1 000
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Agronomy

1. ———, Visiting Lecturer.....		\$ 1 000
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Anthropology

1. J. C. McGregor, Professor.....		\$ 2 489
2. E. M. Bruner, Associate Professor.....		1 600
3. D. W. Lathrap, Instructor.....		1 334
		(\$ 5 423)

Architecture

1. R. J. Smith, Professor.....		\$ 2 867
2. E. A. Connally, Associate Professor.....		1 989
3. H. L. Hornbeak, Associate Professor.....		2 089
		(\$ 6 945)

Art

1. C. A. Dietemann, Professor.....		\$ 2 223
2. J. D. Hogan, Professor.....	¾	1 556
3. H. A. Schultz, Professor.....	¾	1 644
(See Education)		(823)
(Total Salary)		(2 467)
4. Louise M. Woodroffe, Professor.....		2 134
5. C. W. Briggs, Associate Professor.....		1 867
6. R. E. Hult, Associate Professor.....	¾	1 216
7. M. A. Sprague, Associate Professor.....	¾	1 186
8. G. N. Foster, Assistant Professor.....		1 645
9. D. E. Frith, Assistant Professor.....	¾	1 023
10. C. W. Sanders, Assistant Professor.....		1 712
11. ———, Instructor	¾	816
12. C. R. Heldt, Instructor.....		1 445
13. N. T. McFarland, Instructor.....	¾	993
14. G. D. Shaner, Instructor.....	¾	771
15. ———, Visiting Lecturer.....		2 400
		(\$22 631)

Astronomy

1. R. A. Schorn, Assistant.....	¾	\$ 600
2. P. S. Riggs, Visiting Lecturer.....		1 900
(Drake University, Des Moines II, Iowa)		
		(\$ 2 500)

University of Illinois Bands

1. G. M. Duker, Assistant to the Director.....	¾	\$ 578
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Botany

1. D. P. Rogers, Professor.....		\$ 2 589
2. G. N. Jones, Professor.....		2 467
3. L. C. Bliss, Assistant Professor.....		1 512
4. Z. B. Carothers, Assistant Professor.....		1 334
5. Jane L. Taylor, Assistant.....	½	400
		(\$ 8 302)

Business Education		Part-time	Summer Salary
1. R. E. Mason, Assistant Professor.....	1/2	\$ 873	
2. Mildred E. Reed, Assistant Professor.....		1 467	
3. —————, Visiting Lecturer.....	1/2	1 000	
			(\$ 3 340)

Business Law			
1. P. C. Roberts, Professor.....		\$ 2 445	
2. R. N. Corley, Assistant Professor.....		1 612	
3. J. B. Hyde, Assistant Professor.....	1/2	800	
			(\$ 4 857)

Chemistry and Chemical Engineering			
1. J. W. Westwater, Professor.....	1/2	\$ 1 056	
2. T. J. Hanratty, Associate Professor.....		2 000	
3. Robert Siegfried, Associate Professor.....	1/2	834	
4. R. S. Drago, Assistant Professor.....		1 556	
5. A. M. Hartley, Assistant Professor.....		1 534	
6. J. A. Quinn, Assistant Professor.....		1 534	
7. R. B. Bates, Instructor.....		1 400	
8. J. L. Brownlee, Jr., Instructor.....		1 334	
9. T. S. Govindan, Assistant.....	1/2	400	
10. R. D. Mikesell, Assistant.....	1/2	445	
11. —————, Assistant.....	1/2	400	
12. —————, Assistant.....	1/2	400	
13. —————, Assistant.....	1/2	445	
14. —————, Assistant.....	1/2	400	
15. —————, Assistant.....	1/2	445	
16. —————, Assistant.....	1/2	400	
17. —————, Assistant.....	1/2	400	
18. —————, Assistant.....	1/2	445	
19. —————, Assistant.....	1/2	445	
20. —————, Assistant.....	1/2	445	
21. —————, Assistant.....	1/2	400	
22. —————, Assistant.....	1/2	445	
23. —————, Assistant.....	1/4	200	
24. —————, Visiting Lecturer.....		2 500	
25. —————, Visiting Lecturer.....		2 200	
26. —————, Visiting Lecturer.....		2 000	
27. —————, Visiting Lecturer.....		2 000	
28. —————, Visiting Lecturer.....		2 000	
29. —————, Visiting Lecturer.....		1 500	
30. C. W. Kammeyer, Visiting Lecturer.....		1 800	
(2801A Avenue "I," Brooklyn 10, New York)			
31. —————, Visiting Lecturer.....		1 450	
			(\$32 813)

Child Development			
1. Lila J. Oderkirk, Nursery School Teacher.....		\$ 1 067	
2. R. B. Smith, Music Specialist.....	1/4	334	
(See Music)		(666)	
(See Home Economics).....		(334)	
(Total Salary)		(1 334)	
3. —————, Assistant.....	1/4	211	
4. —————, Assistant.....	1/4	211	
5. —————, Assistant.....	1/2	422	
			(\$ 2 245)

City Planning and Landscape Architecture			
1. —————, Assistant Professor.....		\$ 1 410	

Civil Engineering		Part-time	Summer Salary
1. N. M. Newmark, Professor and Head of Department.....		¾	\$ 1 084
2. G. H. Dell, Professor.....			2 112
3. R. S. Engelbrecht, Professor of Sanitary Engineering.....			2 000
4. E. H. Gaylord, Jr., Professor.....			2 889
5. W. J. Hall, Professor.....		½	1 112
6. H. O. Ireland, Professor.....		½	1 034
7. W. H. Munse, Professor.....		½	1 356
8. W. A. Oliver, Professor.....		½	1 223
9. R. B. Peck, Professor of Foundation Engineering.....		½	1 778
10. C. P. Siess, Professor.....		½	1 356
11. Henry Malter, Lecturer.....		½	1 056
12. W. J. Austin, Associate Professor.....		½	967
13. B. B. Ewing, Associate Professor.....		½	923
14. Narbey Khachatourian, Associate Professor.....		½	945
15. G. E. Triandafilidis, Instructor.....		½	700
16. ———, Assistant		3/10	270
			(\$20 805)

Civil Engineering (Summer Surveying Camp)

1. L. D. Walker, Professor of General Engineering (July 25 to August 26)	\$ 1 341
2. G. R. Eadie, Associate Professor of Mining Engineering (June 20 to August 26).....	2 223
3. H. E. Irby, Associate Professor of Civil Engineering (July 25 to August 26).....	973
4. H. M. Karara, Assistant Professor of Civil Engineering (June 20 to July 23).....	924
5. W. H. Eldridge, Assistant Professor of Civil Engineering and Acting Camp Director (June 20 to August 26).....	2 334
6. ———, Assistant Professor of Civil Engineering (June 20 to August 26).....	1 269
7. Gordon Gracie, Instructor in Civil Engineering (June 20 to July 23)	834
8. J. C. Moore, Instructor in Civil Engineering (June 20 to July 23)	625
9. J. M. Masters, Instructor in Civil Engineering (June 20 to August 26)	1 223
(\$11 746)	

Classics

1. J. L. Heller, Professor and Head of Department.....	¾	\$ 2 201
2. R. E. A. Palmer, Assistant Professor.....		1 334
		(\$ 3 535)

Digital Computer Laboratory

1. C. W. Gear, Research Assistant.....		\$ 1 000
2. ———, Assistant	½	423
		(\$ 1 423)

Division of General Studies

1. J. F. Glawe, Instructor in Biological Science.....		\$ 1 267
2. C. A. Poxon, Instructor in Physical Science.....		1 178
3. W. J. Schaumann, Jr., Assistant in Biological Science.....	½	400
		(\$ 2 845)

Economics

1. D. L. Kemmerer, Professor.....		\$ 2 912
2. F. B. Haworth, Associate Professor.....		1 967
3. J. L. McConnell, Associate Professor.....		2 112
4. Janet L. Weston, Associate Professor.....		1 634
5. A. M. Kerr, Visiting Associate Professor.....		2 000
6. F. R. Shupp, Instructor.....	½	778

	<i>Part-time</i>	<i>Summer Salary</i>
7. R. E. Carrier, Assistant.....	$\frac{1}{2}$	\$ 423
8. T. M. Stevenson, Assistant.....	$\frac{1}{2}$	423
9. A. D. Metz, Assistant.....	$\frac{1}{2}$	423
10. L. M. Kowal, Assistant.....	$\frac{1}{2}$	423
11. J. P. Savage, Assistant.....	$\frac{1}{2}$	423
		(\$13 518)

Education

1. A. W. Anderson, Professor.....		\$ 2 278
2. F. P. Barnes, Professor.....		2 289
3. T. E. Benner, Professor.....		2 756
4. G. M. Blair, Professor.....		2 256
5. H. S. Broudy, Professor.....		2 334
6. A. C. Condon, Professor.....	$\frac{1}{2}$	1 334
7. J. J. DeBoer, Professor.....		2 212
8. R. N. Evans, Professor.....		2 345
9. J. J. Gallagher, Professor.....		2 100
10. C. R. Griffith, Professor.....		3 178
11. H. C. Hand, Professor.....		3 078
12. K. B. Henderson, Professor.....		2 467
13. R. S. Jones, Professor.....		2 245
14. M. R. Karnes, Professor.....		2 589
15. W. V. Kaulfers, Professor.....		2 000
16. C. G. Knapp, Professor.....		2 089
17. J. E. McGill, Professor.....		2 034
18. P. E. Miller, Professor.....		2 867
19. W. J. Moore, Professor.....		2 000
20. O. H. Mowrer, Professor.....	$\frac{1}{2}$	1 556
(See Psychology)		(1 556)
(Total Salary)		(3 112)
21. M. M. Ohlsen, Professor.....	$\frac{1}{2}$	1 223
22. R. E. Pingry, Professor.....		2 089
23. H. A. Schultz, Professor.....	$\frac{1}{3}$	823
(See Art)		(1 644)
(Total Salary)		(2 467)
24. J. H. Shores, Professor.....		2 467
25. R. H. Simpson, Professor.....		2 467
26. B. O. Smith, Professor.....		3 012
27. W. O. Stanley, Professor.....		2 378
28. Celia B. Stendler, Professor.....		2 389
29. Letitia Walsh, Professor.....		2 212
30. J. M. Atkin, Associate Professor.....		2 089
31. Basil Castaldi, Associate Professor.....		1 923
32. Frank Costin, Associate Professor.....	$\frac{1}{2}$	900
33. F. L. Crank, Associate Professor (July 18 to August 13)...		778
34. Herbert Goldstein, Associate Professor.....		1 756
35. N. E. Gronlund, Associate Professor.....		2 000
36. C. E. Johnson, Associate Professor.....	$\frac{1}{2}$	945
37. D. G. Lux, Associate Professor.....	$\frac{1}{2}$	1 012
38. K. R. Mangan, Associate Professor.....		1 889
39. Lloyd McCleary, Associate Professor.....		2 000
40. Foster McMurray, Associate Professor.....		1 734
41. L. E. Metcalf, Associate Professor.....		1 956
42. C. B. Porter, Associate Professor.....		1 689
43. Sidney Rosen, Associate Professor.....		1 867
44. Elizabeth Simpson, Associate Professor.....		1 778
45. J. R. Suchman, Associate Professor.....	$\frac{1}{2}$	878
46. R. A. Tinkham, Associate Professor (July 18 to August 13)...		889
47. J. R. Burnett, Assistant Professor.....		1 600
48. George Gazda, Assistant Professor.....	$\frac{1}{2}$	723

	<i>Part- time</i>	<i>Summer Salary</i>
49. C. E. Howe, Assistant Professor.....		\$ 1 567
50. K. M. Lansing, Assistant Professor.....		1 700
51. Theodore Manolakes, Assistant Professor.....		1 556
52. D. J. Shoemaker, Assistant Professor.....	½	778
53. A. P. Whitney, Assistant Professor.....		1 412
54. Dorothy Keenan, Assistant (July 18 to August 13).....		500
55. Marion Miller, Assistant.....	½	500
56. A. J. Soares, Assistant.....	½	400
57. Esther Roossinck, Assistant.....	½	500
58. R. T. Salzer, Assistant.....	½	500
59. ———, Assistant.....	½	500
60. ———, Assistant (July 18 to August 13).....		500
61. L. D. Brown, Assistant.....	½	500
62. D. P. Butts, Assistant.....	½	400
63. Ruth Densford, Visiting Lecturer..... (Oak Park Elementary School, Salem, Illinois)		1 300
64. Helen Inci, Visiting Lecturer..... (Laboratory School, Eastern Illinois University, Charles- ton, Illinois)		1 300
65. George Barton, Visiting Lecturer..... (Department of Education, Tulane University, New Or- leans, Louisiana)		1 800
66. Willis Rudy, Visiting Lecturer..... (The Commonwealth of Massachusetts, Department of Education, State Teachers College of Worcester, Worcester, Massachusetts)		1 600
67. G. V. Guy, Visiting Lecturer..... (Portland State College, Portland, Oregon)		1 600
68. Esther Jenkins, Visiting Lecturer..... (University of Hawaii, Honolulu, Hawaii)		1 700
69. I. J. Gordon, Visiting Lecturer..... (College of Education, University of Florida, Gainesville, Florida)		2 000
70. Paul Kelso, Visiting Lecturer..... (Iowa State Teachers College, Cedar Falls, Iowa)		2 200
71. D. A. Leton, Visiting Lecturer..... (School of Education, University of California, Los Ange- les 24, California)		1 900
72. ———, Visiting Lecturer.....		1 900
73. Hilda Geuther, Visiting Lecturer (June 19 to July 16)..... (Carl Sandburg High School, Orland Park, Illinois)		700
74. James Olson, Visiting Lecturer..... (508 West Hill, Champaign, Illinois)		1 200
75. Barbara Kokenes, Visiting Lecturer..... (301 East Sixth, Belvidere, Illinois)		1 000
76. Michael Donzella, Visiting Lecturer..... (1312 Williamsburg, Champaign, Illinois)		1 000
77. Dorothy Frye, Visiting Lecturer (June 19 to July 16)..... (6223 Ogden Avenue, Berwyn, Illinois)		600
78. Anne C. Lembesis, Visiting Lecturer..... (121 Carroll Avenue, C-2, DeKalb, Illinois)		1 600
79. ———, Visiting Lecturer (June 19 to July 16).....		900
80. H. G. H. Bartram, Visiting Lecturer.....		1 667
81. ———, Visiting Lecturer.....	½	700
82. ———, Visiting Lecturer.....		1 700
		(\$133 153)

Electrical Engineering

1. G. E. Anner, Professor.....	\$ 2 400
2. L. B. Archer, Professor.....	2 178

	<i>Part-time</i>	<i>Summer Salary</i>
3. D. S. Babb, Professor.....		\$ 2 112
4. M. A. Faucett, Professor.....		2 156
5. M. S. Helm, Professor.....		2 312
6. C. A. Keener, Professor.....		2 623
7. G. R. Peirce, Professor.....		2 134
8. C. E. Skroder, Professor.....		2 045
9. J. E. Williams, Professor.....		2 267
10. R. W. Burtness, Associate Professor.....		2 223
11. M. H. Crothers, Associate Professor.....		1 956
12. P. R. Egbert, Associate Professor.....		1 823
13. M. S. McVay, Associate Professor.....		2 134
14. A. W. Swago, Associate Professor.....		1 867
15. P. A. Bauman, Assistant Professor.....		1 423
16. P. K. Hudson, Assistant Professor.....		1 756
17. J. O. Kopplin, Assistant Professor.....		1 867
18. B. C. Kuo, Assistant Professor.....		1 667
19. D. A. Calahan, Instructor.....	$\frac{1}{2}$	489
20. Vembu GouriShankar, Instructor.....	$\frac{3}{4}$	845
21. Shlomo Karni, Instructor.....		1 334
22. J. T. Verdeyen, Instructor.....	$\frac{1}{2}$	712
23. J. R. Lehmann, Instructor.....		1 334
24. C. W. Blachford, Assistant.....	$\frac{3}{4}$	652
25. H. N. Ghosh, Assistant.....	$\frac{1}{2}$	445
		(\$42 754)

English

1. E. H. Davidson, Professor.....		\$ 2 889
2. G. B. Evans, Professor.....	$\frac{1}{2}$	1 389
3. M. S. Goldman, Professor.....		1 956
4. J. N. Hook, Professor.....		2 356
5. C. W. Roberts, Professor.....	$\frac{1}{2}$	1 312
6. C. H. Shattuck, Professor.....	$\frac{1}{2}$	1 089
(See University Theatre and Summer Youth Program)...		(1 089)
(Total Salary)		(2 178)
7. Donald Smalley, Professor.....	$\frac{1}{2}$	1 467
8. R. M. Smith, Professor.....	$\frac{1}{2}$	1 200
9. Daniel Curley, Associate Professor.....	$\frac{1}{2}$	834
10. Bruce Harkness, Associate Professor.....		1 889
11. J. K. Quinn, Associate Professor.....		1 845
12. F. W. Weeks, Associate Professor of Business English.....	$\frac{1}{2}$	945
13. H. W. Wilson, Associate Professor.....		1 956
14. ———, Assistant Professor of Business English.....	$\frac{1}{2}$	845
15. R. L. Haig, Assistant Professor.....	$\frac{1}{2}$	767
16. G. P. Haskell, Assistant Professor.....	$\frac{1}{2}$	812
17. J. T. Maguire, Assistant Professor of Business English.....	$\frac{1}{2}$	756
18. F. B. Moake, Assistant Professor.....	$\frac{1}{2}$	726
19. L. A. Muinzer, Assistant Professor.....	$\frac{1}{2}$	689
20. H. F. Robins, Assistant Professor.....	$\frac{1}{2}$	767
21. R. L. Schneider, Assistant Professor.....	$\frac{1}{2}$	712
22. G. B. Stillwell, Assistant Professor.....	$\frac{1}{2}$	756
23. Michael Timko, Assistant Professor.....	$\frac{1}{2}$	667
24. J. F. Lynen, Assistant Professor.....	$\frac{1}{2}$	700
25. Margaret Bloom, Instructor.....	$\frac{1}{2}$	578
26. R. L. Fumento, Instructor.....	$\frac{1}{2}$	612
27. Sanford Golding, Instructor.....	$\frac{1}{2}$	645
28. ———, Instructor in Business English.....	$\frac{1}{2}$	589
29. J. A. Hamilton, Instructor.....	$\frac{1}{2}$	600
30. D. J. Hogan, Instructor.....	$\frac{1}{2}$	634
31. Maria E. Keen, Instructor.....		1 000
32. W. J. Lord, Instructor in Business English.....	$\frac{1}{2}$	678

	<i>Part-time</i>	<i>Summer Salary</i>
33. J. S. Martin, Instructor.....	$\frac{1}{2}$	\$ 634
34. Stanton Millet, Instructor.....	$\frac{1}{2}$	634
35. Jean Praninskas, Instructor.....		I 178
36. W. H. Rueckert, Instructor.....	$\frac{1}{2}$	656
37. A. C. Tillman, Instructor.....		I 223
38. Merle Fifield, Assistant.....		889
39. Carol Gurolnick, Assistant.....		889
40. Lubitsa Nenadovich, Assistant.....		934
41. _____, Assistant.....	$\frac{1}{2}$	423
42. _____, Assistant.....	$\frac{1}{2}$	423
43. _____, Assistant.....	$\frac{1}{2}$	434
44. _____, Assistant.....	$\frac{1}{2}$	423
45. _____, Assistant.....	$\frac{1}{2}$	423
46. _____, Assistant.....	$\frac{1}{2}$	400
47. _____, Assistant.....	$\frac{1}{2}$	434
48. _____, Assistant.....	$\frac{1}{2}$	445
49. _____, Assistant.....	$\frac{1}{2}$	400
50. _____, Assistant.....	$\frac{1}{2}$	478
51. _____, Assistant.....	$\frac{1}{2}$	423

(\$46 403)

Entomology

1. W. L. Downes, Assistant Professor.....	\$ I 367
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Finance

1. R. W. Mayer, Professor.....	\$ 2 612
2. J. W. Leonard, Associate Professor.....	2 034
3. T. E. Cammack, Assistant Professor.....	I 600
4. R. M. Philbrook, Assistant.....	$\frac{1}{4}$ 200

(\$ 6 446)

French

1. P. E. Jacob, Professor.....	\$ 2 045
2. C. C. Gullette, Professor.....	2 023
3. F. W. Nachtmann, Assistant Professor.....	I 512
4. Edwin Jahiel, Assistant Professor.....	I 378
5. C. K. Abraham, Instructor.....	I 200
6. Yvette G. Storck, Assistant.....	$\frac{1}{2}$ 400
7. Enid A. Koenig, Assistant.....	$\frac{1}{2}$ 400
8. Gabriel M. Savignon, Assistant.....	$\frac{1}{2}$ 400
9. J. G. Weber, Assistant.....	$\frac{1}{2}$ 440
10. Louise M. Jefferson, Assistant.....	$\frac{1}{2}$ 420
11. J. L. Glenn, Assistant.....	$\frac{3}{4}$ 660

(\$10 878)

General Engineering

1. W. L. Shick, Professor.....	$\frac{1}{2}$ \$ I 000
2. R. A. Jewett, Associate Professor.....	$\frac{1}{2}$ 834
3. T. C. Hartley, Assistant Professor.....	I 556
4. D. H. Rimbey, Instructor.....	I 245

(\$ 4 635)

Geography

1. A. W. Booth, Professor.....	\$ 2 445
2. F. W. Foster, Professor.....	2 445
3. J. L. Page, Professor.....	$\frac{3}{4}$ I 634
4. J. D. Fellmann, Associate Professor.....	$\frac{1}{2}$ 895
5. _____, Assistant.....	$\frac{3}{4}$ 600
6. _____, Assistant.....	$\frac{3}{4}$ 600
7. _____, Assistant.....	$\frac{1}{2}$ 400
8. _____, Assistant.....	$\frac{1}{4}$ 200
9. _____, Assistant.....	$\frac{1}{4}$ 200

		<i>Part- time</i>	<i>Summer Salary</i>
10. _____, Assistant		$\frac{1}{8}$	\$ 100
11. _____, Assistant		$\frac{1}{8}$	100
12. _____, Assistant		$\frac{1}{8}$	100
13. _____, Assistant		$\frac{1}{8}$	100
			(\$ 9 819)

Geology

1. D. U. Deere, Professor.....			\$ 2 445
2. F. L. Koucky, Assistant Professor.....			1 334
3. F. W. Cropp, Assistant Professor.....			1 334
4. N. E. Cygan, Assistant.....			800
5. B. W. Carss, Assistant.....			800
6. _____, Visiting Lecturer.....			1 800
7. J. M. Dennison, Visiting Lecturer.....			1 334
(301b Eagle Heights Apartments, Madison, Wisconsin)			
			(\$ 9 847)

German

1. J. R. Frey, Professor.....			\$ 2 600
2. F. J. Nock, Associate Professor.....			1 912
3. D. E. Silas, Instructor.....			1 223
4. Werner Marx, Instructor.....			1 112
5. _____, Assistant	$\frac{1}{2}$		400
6. _____, Assistant	$\frac{1}{2}$		400
7. _____, Assistant	$\frac{1}{2}$		400
8. Thomas Warbington, Assistant.....	$\frac{1}{2}$		445
9. F. P. Lide, Jr., Assistant.....	$\frac{1}{2}$		400
10. T. C. Starnes, Assistant.....	$\frac{1}{2}$		400
11. Kenneth Wiggins, Assistant.....	$\frac{1}{2}$		400
12. _____, Assistant	$\frac{1}{2}$		400
			(\$10 092)

Health and Safety Education

1. A. E. Florio, Professor.....	$\frac{1}{2}$	\$ 1 278
2. G. T. Stafford, Professor.....	$\frac{4}{5}$	2 045
		(\$ 3 323)

History

1. Arthur Bestor, Professor.....		\$ 2 823
2. D. J. Geanakoplos, Professor.....		2 089
3. N. A. Graebner, Professor.....		2 889
4. F. A. Shannon, Professor.....		3 000
5. R. P. Stearns, Professor.....		2 889
6. J. L. Bates, Associate Professor.....		1 734
7. J. B. Sirich, Associate Professor.....		1 889
8. W. T. Luczynski, Instructor.....		1 112
9. Arnold Zuckerman, Assistant.....	$\frac{1}{2}$	400
10. Allen Wakstein, Assistant.....	$\frac{1}{2}$	400
11. Jacques Goutor, Assistant.....	$\frac{1}{2}$	400
12. Peter King, Assistant.....	$\frac{1}{2}$	400
		(\$20 025)

Home Economics

1. M. Virginia Guthrie, Assistant Professor (July 18 to August 13).....		\$ 712
2. Glenna H. Lamkin, Assistant Professor (June 20 to July 16).....		667
3. Beulah A. Hunzicker, Assistant Professor (June 20 to July 16).....		800
4. Willie Mae Mowrer, Assistant Professor.....		1 445
5. Eloise Lorch, Instructor (July 18 to August 13).....		589
6. Millicent V. Martin, Instructor.....		1 156

	<i>Part-time</i>	<i>Summer Salary</i>
7. R. B. Smith, Instructor.....	¼	\$ 334
(See Child Development).....		(334)
(See Music)		(666)
(Total Salary)		(1 334)
8. Helen M. House, Assistant (June 20 to July 16).....		512
9. Connie Florschuetz, Assistant.....	½	400
10. Jean Fan, Assistant.....	½	400
		(\$ 7 015)

Journalism

1. J. W. Jensen, Associate Professor and Head of Department	½	\$ 1 112
2. D. E. Brown, Associate Professor.....	¾	1 227
		(\$ 2 339)

Law

1. E. W. Cleary, Professor.....		\$ 4 134
2. J. E. Cribbet, Professor.....		3 645
3. R. B. Stephens, Professor.....		3 334
4. V. J. Stone, Professor.....		2 512
5. J. N. Young, Professor.....		3 645
6. W. D. Hawkland, Professor.....		3 000
7. R. B. Looper, Associate Professor.....		2 245
8. P. O. Proehl, Associate Professor.....		2 223
		(\$24 738)

Library Science

1. Frances B. Jenkins, Professor.....		\$ 2 423
2. Marie M. Hostetter, Associate Professor.....		1 067
3. Harold Goldstein, Associate Professor.....		2 000
4. ———, Assistant		850
5. ———, Assistant		800
6. J. C. Harrison, Visiting Lecturer.....		1 800
(Head, School of Librarianship, Manchester College of Science and Technology, Manchester, England)		
7. Theodora Andrews, Visiting Lecturer.....		1 600
(Pharmacy Librarian, Purdue University, Lafayette, In- diana)		
8. Helen Walker, Visiting Lecturer.....		1 500
(Director, Elementary School Libraries, Danville, Illinois)		
9. ———, Visiting Lecturer.....		1 600
10. B. F. Page, Visiting Lecturer.....		1 400
(707 S. First Street, Champaign, Illinois)		
11. Vivian Prince, Visiting Lecturer.....		1 600
(Visiting Lecturer, School of Librarianship, University of California, Berkeley, California)		
12. ———, Visiting Lecturer.....		1 400
		(\$18 640)

Management

1. P. M. Dauten, Jr., Professor.....		\$ 2 156
2. I. L. Heckmann, Jr., Associate Professor.....		1 912
3. L. L. D. Shaffer, Instructor.....		1 378
4. C. A. Sims, Instructor.....		1 289
5. L. E. Barnes, Jr., Assistant.....		934
6. Sherwood Huneryager, Assistant.....	½	475
		(\$ 8 144)

Marketing

1. F. H. Beach, Professor.....		\$ 2 778
2. Nugent Wedding, Professor.....		2 334
3. D. W. Scotton, Associate Professor.....		2 067
4. C. G. Walters, Assistant.....	¼	200
		(\$ 7 379)

Mathematics		Part- time	Summer Salary
1.	M. M. Day, Professor and Head of Department.....	½	\$ 1 623
2.	H. R. Brahana, Professor.....		3 334
3.	P. W. Ketchum, Professor.....		2 578
4.	H. J. Miles, Professor.....	55/100	1 200
5.	W. A. Ferguson, Associate Professor.....		1 800
6.	E. J. Scott, Associate Professor.....		1 800
7.	Paulo Ribenboim, Associate Professor.....	½	800
8.	O. K. Bower, Assistant Professor.....		1 556
9.	Jewell E. Schubert, Assistant Professor.....		1 467
10.	Corinne Hattan, Assistant Professor.....		1 356
11.	L. L. Helms, Assistant Professor.....		1 556
12.	R. L. Bishop, Assistant Professor.....		1 445
13.	Hiram Paley, Assistant Professor.....		1 334
14.	D. M. Roberts, Assistant Professor.....	½	723
15.	Clarence Phillips, Assistant Professor.....		1 445
16.	Irma Reiner, Assistant Professor.....		1 556
17.	J. J. Rotman, Research Associate.....	½	612
18.	Steven Bauman, Assistant.....		800
19.	Henry Frandsen, Assistant.....		845
20.	D. A. Moran, Assistant.....	½	423
21.	J. H. Oppenheim, Assistant.....		800
22.	J. A. Peters, Assistant.....		845
23.	K. A. Rowe, Assistant.....		800
24.	Alan Troy, Assistant.....		845
25.	D. S. Steidinger, Assistant.....		800
26.	S. N. Patnaik, Assistant.....		800
27.	C. R. Rao, Assistant.....		800
28.	F. C. Tang, Assistant.....		800
29.	Hsue Chong Tung, Assistant.....	½	400
30.	Masami Wakae, Assistant.....		800
			(\$35 943)

(\$35 943)

Mechanical Engineering		
1. E. F. Hebrank, Professor.....		\$ 2 112
2. E. D. Luke, Professor.....		2 223
3. W. L. Hull, Professor.....		2 334
4. E. L. Broghamer, Professor.....		2 089
5. E. I. Radzimovsky, Professor.....		2 112
6. J. W. Bayne, Associate Professor.....		1 734
7. R. P. Strout, Associate Professor.....		1 667
8. W. L. Chow, Associate Professor.....	2/3	1 186
9. W. E. Bair, Assistant Professor.....		1 778
10. D. H. Offner, Assistant Professor.....		1 556
11. G. P. Anderson, Lecturer.....	1/2	1 112
12. S. R. Davis, Lecturer.....		1 689
13. B. F. Turkovich, Lecturer.....	83/100	1 407
14. D. L. Mykkanen, Instructor.....		1 489
15. M. B. Singer, Instructor.....	1/2	734
16. R. H. Howell, Instructor.....	1/2	556
		(\$25 778)

Microbiology			(\$ 25 776)
1. G. I. Wallace, Professor			\$ 2 223
2. I. D. Goldberg, Assistant			800
3. _____, Assistant	1/2		400
4. _____, Assistant	1/2		400
5. _____, Assistant	1/2		400
			(\$ 4 223)

Music		Part- time	Summer Salary
1. Stanley Fletcher, Professor.....			\$ 2 400
2. W. S. Goldthwaite, Professor.....			2 312
3. M. H. Hindsley, Professor.....	1/3		896
4. Charles Leonhard, Professor.....			2 534
5. R. H. Miles, Professor.....			2 467
6. Dragan Plamenac, Professor.....			2 534
7. Paul Rolland, Professor.....			2 312
8. Sherman Schoonmaker, Professor (July 10 to 23).....			595
9. H. O. Sexton, Professor.....			2 000
10. Soulima Stravinsky, Professor.....	1/3		815
11. Jane C. Watt, Professor.....	1/2		1 056
12. Jean Berger, Visiting Lecturer in Musicology.....			2 000
13. Andrew Morris Carter, Associate Professor.....	3/4		438
14. G. H. Hunter, Associate Professor.....	1/2		912
15. J. R. Kelly, Associate Professor.....			1 889
16. A. J. McDowell, Associate Professor.....			1 778
17. A. L. Ringer, Associate Professor.....	2/3		1 334
18. Grace E. Wilson, Associate Professor.....			1 778
19. J. L. Bailey, Assistant Professor.....			1 489
20. R. E. Gray, Assistant Professor.....			1 512
21. E. J. Krollick, Assistant Professor.....			1 400
22. D. A. Ledet, Assistant Professor.....	2/3		904
23. Carolyn Powell, Assistant Professor.....			1 512
24. R. E. Williams, Assistant Professor.....			1 523
25. G. R. Mathis, Instructor (June 19 to July 17).....			656
26. R. B. Smith, Instructor.....	1/2		666
(See Child Development).....			(334)
(See Home Economics).....			(334)
(Total Salary).....			(1 334)
27. A. H. Bone, Visiting Lecturer.....			1 900
(Duke University, Durham, North Carolina)			
28. Mervin Britton, Visiting Lecturer.....	1/3		400
(Arizona State University, Tempe, Arizona)			
29. Roger L. Drinkall, Visiting Lecturer.....			1 000
(1107 West Illinois, Urbana, Illinois)			
30. N. D. Farrow, Visiting Lecturer.....			2 250
(910 West End Avenue, New York 25, New York)			
31. G. E. Reynolds, Visiting Lecturer.....	87/100		1 400
(Carnegie Institute of Technology, Pittsburgh, Pennsylv- ania)			
32. S. D. Ward, Visiting Lecturer.....			1 900
(Chicago Teachers College, 6800 Stewart Avenue, Chicago 21, Illinois)			
33. ———, Assistant.....			800
34. ———, Assistant.....			800
35. ———, Assistant.....			800
36. ———, Assistant.....			800
37. Esther Duncan, Counselor (June 19 to July 23).....			650
(Plus room and board)			
38. Preston Hott, Counselor (June 19 to July 23).....			500
(Plus room and board)			
39. A. E. Johnson, Counselor (June 19 to July 23).....			400
(Plus room and board)			
40. Ruth Peterson, Counselor (June 19 to July 23).....			450
(Plus room and board)			
Philosophy			(\$53 762)
1. D. W. Gotshalk, Professor and Chairman of Department....	1/2		\$ 1 634
2. A. R. Turquette, Professor.....			2 400

	<i>Part-time</i>	<i>Summer Salary</i>
3. H. M. Tiebout, Associate Professor.....		\$ 1 667
4. C. E. Caton, Instructor.....		1 245
5. Reinhardt Grossmann, Instructor.....	$\frac{2}{3}$	755
6. R. P. Haynes, Assistant.....	$\frac{2}{3}$	534
		(\$ 8 235)

Physical Education for Men

1. C. O. Jackson, Professor and Head of Department.....		\$ 2 745
2. A. W. Hubbard, Associate Professor.....		2 000
3. A. J. Barry, Assistant Professor.....		1 556
4. H. J. Braun, Assistant Professor.....	$\frac{1}{4}$	378
5. R. E. Fletcher, Assistant Professor.....	$\frac{1}{3}$	578
6. E. M. Bernauer, Instructor.....	$\frac{1}{4}$	267
7. J. J. Valek, Assistant.....	$\frac{1}{4}$	289
8. E. H. Heath, Assistant.....	$\frac{1}{2}$	578
9. J. A. La Chappelle, Assistant.....	$\frac{1}{4}$	223
10. K. G. Stodefalke, Assistant.....	$\frac{1}{4}$	223
		(\$ 8 837)

Physical Education for Women

1. Carita Robertson, Associate Professor.....	$\frac{3}{4}$	\$ 1 417
2. Marjorie Harris, Instructor.....		1 234
3. Marjorie Souder, Instructor.....	$\frac{3}{4}$	900
4. Sheila VanBeaumont, Assistant.....	$\frac{1}{4}$	262
		(\$ 3 813)

Physics

1. R. L. Linster, Assistant.....		\$ 834
2. _____, Assistant.....	$\frac{1}{2}$	423
3. _____, Assistant.....	$\frac{1}{2}$	423
4. _____, Assistant.....	$\frac{1}{2}$	423
5. _____, Assistant.....	$\frac{1}{2}$	423
6. _____, Assistant.....	$\frac{1}{2}$	423
7. _____, Assistant.....	$\frac{1}{2}$	423
8. _____, Assistant.....	$\frac{1}{4}$	212
9. R. C. Wheatley, Visiting Lecturer..... (160 Harrison, Princeton, New Jersey)		1 600
10. L. T. Dillman, Visiting Lecturer..... (184 West Lincoln Avenue, Delaware, Ohio)		1 800
11. Icko Iben, Jr., Visiting Lecturer..... (46 Meacham Street, Williamstown, Massachusetts)		1 800
		(\$ 8 784)

Physiology

1. S. G. Stolpe, Assistant Professor.....		\$ 1 567
2. D. C. Sutfin, Assistant Professor.....		1 489
3. F. R. Goodall, Assistant.....	$\frac{1}{2}$	400
4. Gordon Van Harn, Assistant.....	$\frac{1}{2}$	400
5. Daniel Zaharko, Assistant.....	$\frac{1}{2}$	400
		(\$ 4 256)

Political Science

1. C. F. Snider, Professor and Chairman of Department.....		\$ 2 889
2. Richard Butwell, Assistant Professor.....		1 556
3. G. L. Wilhelm, Assistant.....	$\frac{1}{2}$	400
4. Stanley Erikson, Visiting Lecturer..... (Augustana College, Rock Island, Illinois)		2 000
		(\$ 6 845)

Psychology

1. G. D. Higginson, Professor.....		\$ 1 934
2. P. T. Young, Professor.....		2 378

	<i>Part-time</i>	<i>Summer Salary</i>
3. O. H. Mowrer, Research Professor.....	1/2	\$ 1 556
(See Education)		(1 556)
(Total Salary)		(3 112)
4. J. B. Cohen, Associate Professor.....		1 689
5. W. C. Becker, Assistant Professor.....	1/2	834
6. D. T. Shannon, Assistant Professor.....		1 645
7. ———, Assistant Professor.....	1/2	817
8. ———, Assistant	1/2	400
		(\$11 253)

Recreation

1. A. V. Sapora, Professor.....	\$ 2 178
2. H. E. Weaver, Assistant Professor.....	1 723
	(\$ 3 901)

Russian

1. Frances F. Sobotka, Associate Professor and Acting Head of Department.....	\$ 2 112
2. Victor Terras, Instructor.....	1 223
3. Natalie Orlowsky, Assistant.....	1/2 445
4. ———, Assistant	1/2 400
	(\$ 4 180)

Social Work

1. D. Katharine Rogers, Associate Professor.....	\$ 1 945
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Sociology

1. E. A. Ahrens, Associate Professor.....	\$ 1 678
2. J. R. Gusfield, Associate Professor.....	1 889
3. R. W. England, Jr., Assistant Professor.....	1 545
4. B. S. Phillips, Assistant Professor.....	1 556
5. N. W. Painter, Lecturer.....	1 600
	(\$ 8 268)

Spanish and Italian

1. W. H. Shoemaker, Professor and Head of Department.....	\$ 3 045
2. Angelina R. Pietrangeli, Associate Professor.....	2 000
3. ———, Associate Professor.....	1 778
4. J. O. Crosby, Associate Professor.....	1 667
5. M. D. Triwedi, Instructor.....	1 223
6. Elizabeth J. Moffett, Assistant.....	1/2 400
	(\$10 113)

Speech

1. E. T. Curry, Professor.....	\$ 2 223
2. B. W. Hewitt, Professor.....	1/2 1 278
3. Marie K. Hochmuth, Professor.....	1/2 1 056
4. L. S. Hultzén, Professor.....	1/2 1 023
5. K. W. Broadrick, Associate Professor.....	1/2 834
6. M. T. Cobin, Associate Professor.....	1 667
7. O. A. Dieter, Associate Professor.....	1/2 828
8. H. E. Gulley, Associate Professor.....	1/2 945
(See Summer Debaters Youth Workshop).....	(944)
(Total Salary)	(1 889)
9. ———, Associate Professor.....	1/2 850
10. K. A. Windesheim, Associate Professor.....	1/2 856
11. Clara M. Behringer, Assistant Professor.....	1 512
12. Kenneth Burns, Assistant Professor.....	1/2 723
13. C. L. Hutton, Assistant Professor.....	1/2 756
14. L. W. Olson, Assistant Professor.....	1/2 778
15. Mouzon Law, Visiting Lecturer.....	1/2 875
(See University Theatre and Summer Youth Program)...	(875)
(Total Salary)	(1 750)
	(\$16 204)

University Theatre and Summer Youth Program

	<i>Part-time</i>	<i>Summer Salary</i>
1. C. H. Shattuck, Professor.....	1/2	\$ 1 089
(See English)		(1 089)
(Total Salary)		(2 178)
2. B. R. Works, Assistant Professor.....		1 334
3. Mary H. Arbenz, Instructor.....		1 334
4. W. L. Smalley, Instructor.....	1/2	667
5. Mouzon Law, Visiting Lecturer.....	1/2	875
(See Speech)		(875)
(Total Salary)		(1 750)
6. ———, Visiting Costumiere.....		1 500
7. ———, Assistant	1/4	200
8. ———, Assistant	1/4	200
9. ———, Assistant	1/4	200
10. ———, Assistant	1/4	200
11. ———, Assistant	1/4	200
12. ———, Assistant	1/4	200
13. ———, Assistant	1/4	200
14. ———, Assistant	1/4	200
15. ———, Assistant	1/4	200
16. ———, Assistant	1/4	200
17. ———, Assistant	1/4	200
18. ———, Assistant	1/4	200
		(\$ 9 199)

University Speech Clinic

1. Naomi W. Hunter, Assistant Professor.....	\$ 1 334
2. Marie O. Shere, Assistant Professor.....	1 389
3. Jane B. Archer, Instructor.....	1 000
4. Mary B. Armstrong, Assistant.....	800
	(\$ 4 523)

Summer Debaters Youth Workshop

1. H. E. Gulley, Associate Professor.....	1/2	\$ 944
(See Speech)		(945)
(Total Salary)		(1 889)
2. W. E. Brockriede, Assistant Professor.....	1/2	778
3. ———, Assistant	1/4	200
4. ———, Assistant	1/4	200
		(\$ 2 122)

Theoretical and Applied Mechanics

1. C. E. Bowman, Professor.....	2/3	\$ 1 423
2. P. G. Jones, Professor.....	2/3	1 660
3. C. E. Kesler, Professor.....	1/4	556
4. W. M. Lansford, Professor.....		2 667
5. J. O. Smith, Professor.....	2/3	1 852
6. M. C. Stippes, Professor.....	1/2	1 000
7. O. M. Sidebottom, Professor.....	1/6	356
8. M. E. Clark, Associate Professor.....	2/3	1 186
9. F. G. Bauling, Assistant Professor.....	5/6	1 260
10. A. C. Bianchini, Assistant Professor.....	1/2	789
11. R. S. Jensen, Assistant Professor.....	5/6	1 297
12. R. E. Miller, Assistant Professor.....	2/3	978
13. S. R. Keim, Instructor.....	1/2	645
		(\$15 669)

Zoology

1. H. M. Smith, Professor.....		\$ 2 178
2. M. R. Matteson, Associate Professor.....		1 712
3. J. A. Tihen, Assistant Professor.....		1 400
4. P. S. Chapliwy, Assistant.....	1/2	400
5. R. D. Fruge, Assistant.....	1/2	400
6. E. W. Martin, Assistant.....	1/2	400

	Part- time	Summer Salary
7. C. E. Robbins, Assistant.....	$\frac{1}{2}$	\$ 400
8. W. E. Wilhelm, Assistant.....	$\frac{1}{2}$	400
9. F. D. Tibbitts, Visiting Lecturer..... (Department of Zoology, University of Nevada, Reno, Ne- vada)		I 400
10. C. L. Burger, Visiting Lecturer..... (Department of Biology, Wilson College, Chambersburg, Pennsylvania)		I 400
<i>Total, Urbana-Champaign</i>		<u>(\$10 090)</u> \$788 971

CHICAGO PROFESSIONAL COLLEGES

Pharmacy

1. S. V. Susina, Assistant Professor (August 1 to September 10).....		\$ 1 350
2. Frederick Siegel, Assistant Professor (August 1 to September 10).....		I 284
3. Bernard Ecanow, Assistant Professor (June 20 to July 30)...		I 284
4. Lawrence Fischer, Assistant (June 20 to September 9).....	$\frac{1}{2}$	600
		(\$ 4 518)

Pharmacy-Chemistry

1. A. J. Perkins, Associate Professor of Chemistry (June 20 to July 30)		\$ 1 584
2. C. L. Bell, Assistant Professor of Chemistry (August 1 to September 10)		I 134
3. D. A. Coviello, Assistant Professor of Chemistry (June 20 to July 30).....		I 167
4. Alvin Galinsky, Instructor in Chemistry (August 1 to September 10)		834
5. ———, Assistant in Chemistry (June 20 to September 9).....	$\frac{1}{4}$	300
6. O. L. Salerni, Assistant in Chemistry (June 20 to September 9).....	$\frac{1}{4}$	300
7. ———, Assistant in Chemistry (June 20 to September 9).....	$\frac{1}{4}$	300
		(\$ 5 619)

Pharmacognosy and Pharmacology

1. P. D. Carpenter, Associate Professor of Zoology (August 1 to September 9).....		\$ 1 384
2. Bernard Greenberg, Assistant Professor of Zoology (June 20 to July 30).....		I 184
3. J. C. G. Blaufuss, Assistant in Pharmacognosy (June 10 to September 10)	$\frac{1}{2}$	600
		(\$ 3 168)
<i>Total, Chicago Professional Colleges</i>		\$13 305

CHICAGO UNDERGRADUATE DIVISION

Biological Sciences

1. William Sangster, Professor.....		\$ 2 000
2. S. F. Glassman, Associate Professor.....		I 756
3. E. B. Little, Assistant Professor.....	$\frac{1}{2}$	800
4. J. T. Newell, Assistant Professor.....		I 334
5. J. A. Bond, Instructor.....		I 245
6. W. J. Dembski, Instructor.....	$\frac{1}{2}$	534
		(\$ 7 669)

Commerce and Business Administration		Part-time	Summer Salary
1. W. D. Grampp, Professor.....			\$ 2 045
2. Sarah M. Kabbes, Associate Professor.....			1 778
3. W. J. Dunne, Assistant Professor.....		½	778
4. D. K. Andrews, Assistant Professor.....			1 445
5. E. C. Knudson, Assistant Professor.....			1 407
6. Lawrence Lipkin, Assistant Professor.....			1 400
7. S. V. Ferrera, Instructor.....			1 067
8. Winifred B. Geldard, Instructor.....			1 207
9. N. D. Hedish, Instructor.....			1 134
10. R. L. Crabb, Assistant.....			934
			(\$13 315)

Engineering			
1. A. C. Cobb, Professor of Theoretical and Applied Mechanics			\$ 2 067
2. R. C. Köhler, Associate Professor of General Engineering..			1 689
3. H. M. Skadeland, Associate Professor of Physics.....			1 867
4. W. R. Anderson, Associate Professor of Physics.....			1 734
5. H. J. Johnson, Associate Professor of Physics.....			1 689
6. _____, Associate Professor of Architecture.....			2 089
7. E. E. Burr, Assistant Professor of Art.....			1 712
8. A. J. Klapperich, Assistant Professor of Electrical Engineering.....			1 556
9. F. E. Moraine, Assistant Professor of Physics.....			1 512
10. A. F. Silkett, Assistant Professor of Physics.....			1 600
			(\$17 515)

Humanities			
1. A. J. Hartoch, Associate Professor of Foreign Languages...	¾		\$ 1 156
2. E. S. Willner, Associate Professor of Foreign Languages...			1 734
3. J. D. Arnold, Assistant Professor of Speech.....			1 334
4. I. D. Blum, Assistant Professor of English.....			1 600
5. F. S. Johnson, Assistant Professor of English.....			1 734
6. J. C. Johnson, Assistant Professor of English.....			1 423
7. J. O. Marsh, Jr., Assistant Professor of Foreign Languages	¾		1 038
8. Andrew Schiller, Assistant Professor of English.....			1 645
9. Johanna Braunfeld, Instructor in Foreign Languages.....	¾		919
10. Janice M. Crews, Instructor in Speech.....	½		712
11. R. E. Davis, Instructor in Humanities.....			1 156
12. Mary T. Gallagher, Instructor in English.....			1 289
13. Ingeborg V. Hough, Instructor in Foreign Languages.....	¾		682
14. Mary C. Sidney, Instructor in English.....			1 067
15. Clara S. Skogen, Instructor in Foreign Languages.....			1 378
16. _____, Instructor in Foreign Languages.....	¾		860
17. James Friend, Instructor in English.....			1 112
			(\$20 839)

Mathematics			
1. Evelyn Frank, Professor.....	83/100		\$1 704
2. I. K. Feinstein, Associate Professor.....	83/100		1 408
3. M. C. Hartley, Associate Professor.....	83/100		1 667
4. Winifred V. Berglund, Instructor.....	83/100		1 186
5. _____, Instructor.....			1 334
6. Rose Lariviere, Instructor.....	83/100		1 149
7. Grace M. Nolan, Instructor.....	83/100		1 112
8. C. E. Olsen, Instructor.....	83/100		1 112
9. T. B. Ondrak, Instructor.....	83/100		1 112
10. N. C. Scholomiti, Instructor.....	83/100		1 112
11. Helen W. Sears, Instructor.....			1 245
12. Rosemary F. Wiley, Instructor.....	83/100		1 038
			(\$15 179)

Physical Education		<i>Part-time</i>	<i>Summer Salary</i>
1. P. R. Berrafato, Assistant Professor of Physical Education for Men			\$ 1 600
2. L. L. Gedvilas, Assistant Professor of Physical Education for Men			1 578
3. W. G. Versen, Assistant Professor of Physical Education for Men			1 445
4. Dorothy J. Mart, Assistant in Physical Education for Women	½		556
			(\$ 5 179)
Physical Sciences			
1. Roy Huitema, Professor			\$ 2 223
2. C. R. Meloy, Professor	¾		1 719
3. R. W. Karpinski, Associate Professor			2 000
4. J. W. Weldon, Assistant Professor			1 600
5. Lynn M. Carbonaro, Instructor			1 334
6. Sabine A. Casten, Instructor	83/100		1 000
7. J. W. Cowin, Instructor	¾		919
8. J. R. Daffer, Instructor	83/100		889
9. Shafeek Farag, Instructor	83/100		1 038
10. D. D. Hedberg, Instructor			1 200
11. Frances K. Seabright, Instructor			1 334
12. R. E. Johnson, Assistant	¾		712
13. T. A. Lothian, Assistant			1 067
			(\$17 035)
Social Sciences			
1. P. P. Klassen, Professor			\$ 2 080
2. E. A. Lipman, Professor			2 089
3. V. E. Ricks, Associate Professor			1 912
4. Shirley A. Bill, Assistant Professor			1 600
5. Mildred I. Finney, Assistant Professor	¾		978
6. Milton L. Rakove, Assistant Professor			1 423
7. Louis Unfer, Assistant Professor	¾		1 067
8. R. R. Page, Instructor			1 267
9. _____, Instructor	¾		772
10. C. P. Warren, Instructor	¾		800
11. J. S. Chase, Visiting Lecturer	½		500
			(\$14 497)
<i>Total, Chicago Undergraduate Division</i>			\$111 228

HEADSHIP OF DEPARTMENT OF ANTHROPOLOGY

(2) The Dean of the College of Liberal Arts and Sciences recommends the appointment of Dr. Joseph B. Casagrande, presently on the staff of the Social Science Research Council, New York City, as Professor of Anthropology on indefinite tenure and Head of the Department of Anthropology, beginning September 1, 1960, at an annual salary of \$15,000 on "A" basis.

It is also recommended that he be given a summer appointment beginning July 1, 1960, through August 31, 1960, at a total salary of \$3,332 for the period, so that his services will be available in organizing the program of the new Department of Anthropology.

This recommendation is made after consultation with the appropriate members of the faculty and is endorsed by the Vice-President and Provost and the Dean of the Graduate College.

The Department of Anthropology, formerly a part of the Department of Sociology and Anthropology, was established by the Board of Trustees on July 21, 1959. Dr. Julian H. Steward, Research Professor of Anthropology and a member of the Center for Advanced Study, has been serving as Acting Head of the Department during the current academic year.

I concur in this recommendation.

On motion of Mr. Clement, 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. ALDONA L. BALTCH, Assistant Professor of Medicine, for two months from July 1, 1960, at a salary of \$1,600 (G).
2. LLOYD BERRY, Assistant Professor of English, beginning September 1, 1960, at an annual salary of \$6,300 (B).
3. W. B. BONNOR, Visiting Professor of Astronomy and of Applied Mathematics, in the Department of Astronomy and in the Digital Computer Laboratory, for five months from September 1, 1960, at a salary of \$5,000 (G).
4. GEORGE K. BRINEGAR, Professor of Agricultural Economics, beginning September 1, 1960, at an annual salary of \$14,000 (AY).
5. ROBERT T. GOLEMBIEWSKI, Assistant Professor of Management, beginning August 1, 1960, at an annual salary of \$7,000 (D).
6. ROBERT T. GREGORY, Visiting Associate Professor in the Digital Computer Laboratory, from June 12 through August 20, 1960, at a salary of \$3,274 (G).
7. CAROLYN HAMMOND, Assistant Professor of Microbiology, in the College of Medicine, beginning July 1, 1960, at an annual salary of \$8,500 (DY).
8. WILLIAM D. HAWKLAND, Professor of Law, beginning September 1, 1960, at an annual salary of \$13,500 (A).
9. LOUIS JENSEN, Clinical Assistant Professor of Psychiatry, in the College of Medicine, beginning February 1, 1960, without salary (DY).
10. NEWTON KHOBYARIAN, Assistant Professor of Microbiology, in the College of Medicine, beginning September 1, 1960, at an annual salary of \$9,000 (DY).
11. TING Y. LI, Professor of Aeronautical Engineering, beginning September 1, 1960, at an annual salary of \$11,000 (D).
12. BRUCE H. MCCORMICK, Research Associate Professor of Physics, in the Digital Computer Laboratory, beginning April 1, 1960, at an annual salary of \$10,000 (E).
13. BERNARD A. F. MUHLSCHLEGEL, Research Assistant Professor of Physics, beginning September 1, 1960, at an annual salary of \$7,800 (DY).
14. EDWIN B. PARKER, Research Assistant Professor in the Institute of Communications Research, on three-fourths time, and Assistant Professor of Journalism, on one-fourth time, beginning September 1, 1960, at an annual salary of \$7,200 (B).
15. HENRY TEDISCHI, Assistant Professor of Physiology, in the College of Medicine, beginning September 1, 1960, at an annual salary of \$8,100 (BY).
16. ANTONIO TOVAR, George A. Miller Visiting Professor of Classics, beginning August 15, 1960, at an annual salary of \$12,000 (E).
17. LEDYARD R. TUCKER, Professor of Psychology, beginning September 1, 1960, at an annual salary of \$14,000 (A).

Appointments to Nonacademic Staff

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

1. GERALD P. BECK, Reactor Supervisor, Engineering Administration, beginning January 20, 1960, at an annual salary of \$9,000.
2. PATRICIA F. BERNAUER, Assistant Food Production Manager, Residence Halls, beginning February 1, 1960, at an annual salary of \$4,350.
3. ERVIN C. BUNDY, Horticulturist, Physical Plant Department, beginning January 1, 1960, at an annual salary of \$6,600.
4. GERALD GLAUB, Assistant Manager of Public Information, Office of Public Information, Chicago Professional Colleges, beginning February 1, 1960, at an annual salary of \$5,700.
5. JOHN L. HAYES, Accountant II, Residence Halls, beginning March 7, 1960, at an annual salary of \$6,800.
6. FRANCIS T. HELBLING, Stores Supervisor, Physical Plant Department, beginning March 21, 1960, at an annual salary of \$6,600.
7. PATRICIA I. MACLEOD, Food Service Supervisor, Residence Halls, beginning February 8, 1960, at an annual salary of \$3,758.

8. DOREEN E. PARSONS, Assistant Network Manager (Traffic), National Association of Educational Broadcasters, beginning February 1, 1960, at an annual salary of \$3,600.
9. CHARLES R. THOMAS, Computer Programmer I, Statistical Service Unit, beginning February 3, 1960, at an annual salary of \$6,000.
10. BERNARD J. WILLIAMS, Personnel Officer, Nonacademic Personnel Office, beginning March 1, 1960, at an annual salary of \$6,000.

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

APPOINTMENT OF ASSOCIATE DEAN OF THE GRADUATE COLLEGE

(4) The Dean of the Graduate College recommends the appointment of Dr. Harold R. Snyder, Professor of Organic Chemistry and Associate Head of the Department of Chemistry and Chemical Engineering, as Research Professor of Organic Chemistry on one-half time on indefinite tenure and Associate Dean of the Graduate College on one-half time for one year, beginning September 1, 1960, at a total salary of \$15,600.

This is a new position which will be concerned with the work of the University Research Board and research coordination in the University, and particularly with matters relating to the rapidly expanding efforts in research at the University.

The Head of the Department of Chemistry and Chemical Engineering, the Dean of the College of Liberal Arts and Sciences, and the Vice-President and Provost concur.

I recommend approval.

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

SABBATICAL LEAVES OF ABSENCE, 1960-61

(5) I recommend that the following members of the staff be given sabbatical leaves of absence during the academic year 1960-61 in accordance with the provisions of the University of Illinois Statutes and on the terms and for the period indicated. This is supplemental to the list of applications recommended to the Board of Trustees at the meeting on March 16, 1960.

College of Engineering

M. K. FAHNESTOCK, Research Professor of Mechanical Engineering (Engineering Experiment Station) and Chairman of the Physical Environment Unit in the Graduate College, second semester (six months from February 1, 1961), full pay; for visits to various laboratories doing research on atmospheric environment and to study their programs pertaining to relationships of atmospheric environment, people, agricultural animals and plants, and controlled environment for products and processes. The composite information to be secured will be used in further development of facilities and programs in the University's physical environment laboratories in which interdisciplinary research programs serving engineering, agriculture, physiology, psychology, and physical fitness are conducted.

REINHOLD F. LARSON, Professor of Mechanical Engineering, second semester, full pay; for studies with nuclear engineering and chemical engineering groups at Massachusetts Institute of Technology; and studies of the programs of reactor techniques at Argonne and Oak Ridge National Laboratories and laboratories in foreign countries.

College of Fine and Applied Arts

VICTOR A. HYDE, Professor of Community Planning, first semester, full pay; for observation of programs and studies of policies in the field of government planning in European countries.

KING KELLOGG, Associate Professor of Music, first semester, full pay; to study vocal literature in Europe as a basis for preparation of a guide for teaching of vocal literature.

On motion of Mrs. Watkins, these leaves were granted, as recommended.

REQUEST OF ASSISTANT PROFESSOR LEO F. KOCH

(6) On recommendation of the Executive Committee of the College of Liberal Arts and Sciences, Assistant Professor Leo F. Koch of the Division of General Studies was relieved of all University duties as of April 7, 1960, and has been informed that his appointment will be terminated at the end of the current academic year, 1959-60. A copy of my letter on this subject to Dean Lyle H. Lanier was sent to each member of the Board.

On April 11 Professor Koch delivered to the Secretary of the Board of Trustees a letter requesting the Board to review the action taken with respect to his status. Under University of Illinois Statutes he is entitled to a hearing by the Board of Trustees. He has also requested a hearing by the Committee on Academic Freedom of the Urbana Senate.

On motion of Mr. Johnston, seconded by Mr. Harewood, the request for a hearing by the Board of Trustees was granted, and the President of the Board was authorized to set the time and place of the hearing to be conducted under procedures recommended by the Legal Counsel of the University.

CHANGES IN DEPARTMENTAL NAMES

(7) On recommendation of the heads of the departments and other University officers concerned, the following changes in departmental names have been approved: Department of Mechanical Engineering changed to Department of Mechanical and Industrial Engineering, and the Aeromedical and Physical Environment Laboratory changed to Aeromedical Laboratory.

Confirmation of these changes is requested.

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

COUNTY SCHOLARSHIPS

(8) Under state law, there is awarded annually to each county of the state one scholarship which entitles the holder to exemption from payment of tuition fees at the University of Illinois for a period of four years. The award is made on the basis of a competitive examination given by the County Superintendent of Schools on the last Saturday of March. The University prescribes the rules under which the examinations are given and the Office of Admissions and Records works with the county superintendents in setting up these examinations. The highest ranking candidate in each county wins the scholarship.

The law does not take into account variations in population and provides for only one scholarship in each county. To equalize the distribution of these awards, the Board of Trustees has created additional University scholarships in a number of counties, providing the same benefits as the county scholarships. These latter University scholarships are awarded to candidates ranking immediately below the top candidates in the county scholarship examinations.

The law also provides that "No student who has taken normal school, college, university, or other training in advance of the completion of a four-year high school course shall be eligible to the examination." This disqualifies students who during their high school senior year have earned college credit under the advanced placement program or by attending classes at the University of Illinois, either in Urbana or at the Chicago Undergraduate Division, or at some accredited junior or senior college. Hence outstanding students are deprived of an opportunity to earn a county tuition scholarship.

The Committee on Undergraduate Scholarships has recommended that the Board of Trustees authorize the award of a University scholarship in any county where the highest-ranking candidate in the competitive examination may technically be ineligible because of having had college credit while still a senior in high school. If this is approved the University can still take care of the highest-ranking students without depriving the high school senior without college credit of his legal rights in the college scholarship examination. The number of these cases will not be large as the awards will be limited to those counties with

populations not large enough to qualify for additional University scholarships awarded in addition to the winners of County Scholarships.

I recommend approval.

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

**INCREASED RETIREMENT ANNUITIES FOR STAFF
WHO RETIRED PRIOR TO SEPTEMBER 1, 1959**

(9) I recommend the adoption of the following resolution:

WHEREAS, a Committee of the Emeriti representing members of the University of Illinois faculty who retired prior to September 1, 1959, will request the Board of Trustees of the University Retirement System of Illinois to consider a plan to provide increased retirement benefits for those who retired prior to establishment of the University Retirement System of Illinois in 1941 and for those who retired after September 1, 1941, but prior to September 1, 1959; and

WHEREAS, the amendments of the Act creating the University Retirement System of Illinois adopted in 1959 which provide more equitable annuities and other benefits available to employees of state institutions of higher education did not provide for any adjustments in the retirement allowances of the Emeriti of 1958 and former years; and

WHEREAS, those who retired prior to September 1, 1941, and whose annuities are paid by the University as deferred compensation for service rendered prior to retirement, are receiving annuities far below the annuities available under the University Retirement System of Illinois; and

WHEREAS, the annuities of those retired after September 1, 1941, but prior to September 1, 1959, are not proportional to the contributions required of participants, do not take into account the unrecorded equity toward retirement allowances earned by service prior to 1941, and do not provide adequate benefits for a surviving wife or dependent children; and

WHEREAS, many of these Emeriti, after spending virtually their entire careers in the service of the state universities of Illinois are dependent largely upon their retirement annuities, and are in serious financial need; and

WHEREAS, the University Council and the Urbana Senate Committee on Retirement Insurance and Hospitalization have been consulted and are in sympathy with this request; and

WHEREAS, the Committee is also requesting the endorsement of its plan by the Teachers College Board and the Board of Trustees of Southern Illinois University; now therefore be it

Resolved by the Board of Trustees of the University of Illinois that it endorses in principle the request of the Committee of the Emeriti that the Board of Trustees of the University Retirement System of Illinois consider a plan and support in the 1961 session of the General Assembly of Illinois the necessary legislation to provide the much needed improvements in retirement benefits for those who retired from the service of the state universities prior to September 1, 1959.

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

CENTER FOR ZOONOSSES RESEARCH

(10) The Dean of the College of Veterinary Medicine has proposed the establishment of a Center for Zoonoses Research at the University of Illinois according to the plan of organization set forth below. A special committee appointed by the Vice-President and Provost to study this proposal has recommended approval. The Vice-President and Provost and the Dean of the Graduate College concur.

Research on the zoonoses is highly desirable and worthy of effort on the part of the University. The zoonoses are being increasingly recognized as of major importance to human and animal health and welfare. Establishment of the Center would focus more attention on the zoonoses, encourage more research upon them, and promote needed interdisciplinary cooperation and coordination in this area. In addition, it would attract substantial amounts of outside support. The idea of our establishing the Center—the second one in the

world and the only one in the United States — has received enthusiastic praise and offers of cooperation from national and international leaders in the field.

Organization of the Center for Zoonoses Research

The organization and function of the Center are to be as follows:

- (a) The Center for Zoonoses Research is responsible for carrying out research on the zoonoses — diseases common to animals and man — and related diseases, parasites, and disease agents, including studies of their epizootiology, epidemiology, pathology, etiology, control and host-parasite relationships. In developing and carrying on such programs, use shall be made of the Center staff as well as of the staffs of other University departments and divisions. Cooperative work will also be carried out with other public and private research and service agencies.
- (b) The administrative head of the Center shall be a Director appointed biennially by the Board of Trustees on the recommendation of the President. An Associate Director shall be appointed in the same manner.
- (c) The staff of the Center for Zoonoses Research shall be composed of three types of members: (1) Senior Members; these may or may not hold joint appointments in other departments or divisions of the University; (2) Associate Members; these may or may not hold joint appointments in other departments or divisions of the University; (3) Consulting Members; these shall be members of the staffs of institutions or organizations other than the University of Illinois.
- (d) The Executive Committee of the Center shall be composed of all Senior Members. The Director shall be an *ex officio* member and the 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.

The Director of the Center for Zoonoses Research shall be the Dean of the College of Veterinary Medicine, who also serves as administrative head of the Department of Veterinary Medical Science in the Graduate College and of the Department of Veterinary Research in the Agricultural Experiment Station.

The first Senior Members of the Center shall be appointed on nomination by the Director from among present faculty members of the University. These will then constitute the Executive Committee. Scientists not at present associated with the University may be appointed also. Senior Members shall be appointed on indefinite tenure.

Associate Members will be appointed for one- or two-year periods and will not be reappointed for more than three consecutive terms. They will be appointed on nomination by the Director and Executive Committee with approval of the President and the Board of Trustees of the University. Associate Members may be appointed from among present members of the faculty, from persons not now on the faculty, and from scientists from other institutions and areas who will want to work at the Center.

Senior Members and Associate Members may receive all or part of their salaries from the Center's budget. If they hold joint appointments in other departments or divisions, the proportions of their time devoted to research, teaching, advising, etc., will be determined by mutual agreement with the departments or divisions concerned. Part or all of the salary of Associate Members, including summer salary, may come from research grants such as those from the National Institutes of Health, the National Science Foundation, or private foundations.

Research may be conducted either on campus or in the field.

Appointments of Consulting Members will permit utilization of the counsel of outstanding scientists from other institutions, agencies, and organizations, state, national, and international. It is contemplated that Consulting Members will be appointed for terms of one to two years on nomination by the Director and Executive Committee. They may be reappointed as many times as proves mutually desirable.

It is recommended that the Center be activated September 1, 1960.

The proposed budget contemplates an initial recurring University appropriation of \$12,000 a year. A solid commitment of funds for the future is obviously not feasible but the present recommendation is made in the expectation that the University will continue to grow in size and in service to the state and nation. However, even if expansion of the Center does not turn out to be as rapid as anticipated, it will still be able to make creditable contributions in research.

The Committee recommended that the Center limit itself initially to a coordinated study of leptospirosis, Q fever, para-influenza, and other respiratory virus and rickettsial diseases, all of which form an ecologically related group of diseases common to man, livestock, and wildlife; to a study of the relationship of climatic and meteorological factors to the transmission of the agents of these and other diseases; and to a study of the passage back and forth between man and his pets of these and other diseases.

The Committee further recommended that, upon activation of the Center, one new senior academic staff member be appointed; that several present academic staff members totaling two full-time equivalents be appointed to the staff of the Center; that the appropriate portions of their salaries be allocated to the Center; and that the junior academic staff members and the salaries of nonacademic supporting staff members be drawn from grant funds. It recommends further that one new senior academic staff member be added to the Center each biennium during the decade after its activation.

I concur in the foregoing recommendations provided that (a) the extent to which the plan of organization, research program, and other contemplated services of the Center are implemented shall be subject to budgetary considerations and (b) establishment of the Center does not imply a priority commitment on University resources, but support of the Center will be considered in relation to other needs for operating funds and physical facilities.

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

APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(11) The Committee on Nonrecurring Appropriations recommends assignments of funds from the General Reserve for the following:

1. College of Agriculture, Departments of Plant Pathology and Forestry, remodeling to provide more space in teaching laboratory in Davenport Hall	\$ 1 900
2. Dixon Springs Experiment Station, purchase of two houses for occupancy by Station staff at Dixon Springs.....	15 210
3. College of Engineering: Remodeling in Transportation Building to provide additional office space.....	2 600
Remodeling house for office use.....	2 200
Department of Theoretical and Applied Mechanics, remodeling Talbot Laboratory space	9 925
4. College of Education, remodeling in University High School.....	14 600
5. College of Journalism and Communications, remodeling of properties at 55 and 59 East Armory Avenue for use of Radio Station WILL and thus release space in Gregory Hall for other use.....	7 000
6. College of Physical Education: Remodeling in English Building for teaching laboratories and offices..	6 700
Resurfacing of tennis courts.....	9 000
7. Graduate College, purchase of truck for use of Committee on Natural Areas and Uncultivated Lands Woods Custodian.....	2 500
8. Armed Forces, steel shelving, door, and portable section of bars for storeroom in Armory.....	1 525
9. Public Information Office, air conditioning of Photographic Laboratory in Arcade Building.....	7 000
10. Dean of Students, air conditioning offices in Rooms 150, 152, and 154 Administration Building (West).....	3 100
11. Graduate College, purchase of Flexowriter.....	4 585
12. President's Office, air conditioning office quarters in Illini Hall.....	1 815
13. Office of Admissions and Records, purchase of equipment.....	28 421

Urbana	
Safe cabinet for student permanent record cards.....	\$ 3 035
Fourteen sections shelf files.....	1 813
Safe ledger file, two-tray.....	300
Microfilming Senate minutes.....	2 000
Mimeograph machine.....	750
Addressograph transfer printer.....	4 500
Postage meter, Model 4200.....	900
Mailing scale, Model S-510.....	165
Two Marchant calculators, less \$100 for trade-in.....	1 480
Fourteen typewriters, six electric and eight manual.....	3 650
Two Verifax copying machines.....	480
Automatic typewriting equipment.....	3 000
Azograph duplicator.....	600
Mail folding and inserting machine.....	1 200
IBM card file.....	210
Six DeJur stenorettes with dictating kits and four transcribing kits.....	1 338
	(25 421)
Chicago Professional Colleges	
Marchant calculator.....	790
Microfilming student permanent record cards.....	750
	(1 540)
Chicago Undergraduate Division	
Cabinet for addressograph plates.....	160
Two stenorettes.....	400
Three electric typewriters.....	900
	(1 460)
14. Committee on Aerial Photography, purchase of a precise stereoplotter.....	\$10 200
15. Library:	
Purchase of collection of Russian and related Slavic materials.....	10 155
Lighting of Commerce Library.....	5 500
Lighting for Catalog, Acquisition, and Serials Departments.....	5 400
16. Physical Plant Department:	
Construction of bicycle lanes along a route from the Gregory Drive Residence Halls to Sixth Street, Armory Avenue, and Wright Street.....	27 500
General classroom remodeling.....	18 850
Divide Room 152, Davenport Hall, to provide an additional classroom, including construction of a new access way from Chemistry Annex.....	\$12 750
Construct new entrance to classroom in Observatory.....	1 400
Convert classrooms in Lincoln Hall and Gregory Hall into seminar rooms.....	1 500
Divide Room 19, David Kinley Hall, into two classrooms....	3 200
17. Chicago Professional Colleges, purchase of equipment.....	48 840
X-ray rapid film changer.....	\$18 000
Analyzer control unit for Isotope Laboratory.....	3 340
Mobile X-ray film projector for teaching program in Radiology.....	3 500
Replacement of obsolete fluoroscopic equipment in Neurology.....	20 500
Radio-isotope equipment to improve patient diagnostic procedures.....	3 500
Total.....	\$244 526
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. Stratton.

**ANNEXATION OF LAND TO THE URBANA-CHAMPAIGN
SANITARY DISTRICT**

(12) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees authorize annexation of the following described areas of University property to the Urbana-Champaign Sanitary District:

The area bounded by Florida Avenue, Lincoln Avenue, St. Mary's Road, and the Illinois Central Railroad, except the south 264 feet between First Street and the railroad;

That portion of the north half of Section 20 which is not already in the District (east of Lincoln Avenue, extending $\frac{1}{4}$ mile south of St. Mary's Road).

The area to be annexed includes the site of the Assembly Hall and the proposed new forestry tract to replace Illini Grove. This annexation is necessary to provide for the treatment of sewage from these sources. A plat of the area, including the legal description, is being filed with the Secretary of the Board for record as a part of this recommendation.

I recommend that the Secretary and the Comptroller be authorized to execute the petition and any other documents necessary to effect the annexation, subject to approval of the Legal Counsel.

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

PARKING METERS AND BICYCLE ROADWAY ON WRIGHT STREET

(13) City of Champaign officials have requested permission to install and maintain parking meters on University property on the east side of Wright Street between Armory and Springfield. University officials have considered this, and as an alternative, request authority to propose to the City that it reserve a roadway approximately eight feet wide, west of the present east curb line on Wright Street, and the construction of islands to form the west boundary of the bicycle roadway, between Armory Avenue and Green Street, and the installation of parking meters on these islands instead of on University property; provided that the meters in the two blocks between Green and Springfield Avenue would be on University property on the east side of Wright Street.

This alternate proposal contemplates that the City would grant permission to the University to construct and maintain these islands, and that the City will adopt and enforce an ordinance prohibiting use of the eight-foot strip of pavement between the east curb of Wright Street and the islands by vehicles other than those which are not motor driven and will keep such ordinance in effect, and will enforce it, as long as the arrangement continues in effect. While this would eliminate one line of motor traffic between Armory Avenue and Green Street, it would provide an exclusive, and safer, bicycle lane on a street on which traffic is very heavy during University class hours, and would enable the City to install its parking meters.

Specifically, the Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees authorize:

1. A formal proposal to the city of Champaign that it grant permission to the University to construct and maintain, at University expense, islands in Wright Street between Armory Avenue and Green Street, approximately three feet wide, the east edge of which will be approximately eight feet west of the present east curb of Wright Street to provide the boundary for a bicycle roadway and space for City parking meters (instead of along the east curb of Wright Street) to be installed and maintained by the City; in return, the City will adopt and enforce an ordinance prohibiting the use of the eight-foot strip by any vehicle other than bicycles which are not motor driven.
2. The lease to the city of Champaign of an area approximately three feet wide lying immediately east of the present east curb line of Wright Street between Green Street and Springfield Avenue at a rental of \$1.00 per year for a period ending June 30, 1963, provided that the lease will be automatically renewable for successive biennial periods beginning July 1, 1963, unless said lease is cancelled at any time during any such renewal period by at least thirty days' notice in writing given by either party to the other, or some modification in the lease is required by either party and agreed to by both.

3. The execution by the officers of the Board of an agreement or agreements and such other documents as may be necessary, subject to the approval of said documents by the University's Legal Counsel, to implement this exchange of facilities; said agreement or agreements to be for an initial period which will expire June 30, 1963, but which will provide for automatic renewals for successive biennial periods beginning July 1, 1963, unless said lease is cancelled at any time during such renewal time by at least thirty days notice by either party to the other, or some changes in the agreement are requested by either party and agreed to by both parties.

I concur.

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

ADDITION TO CONTRACT FOR ASSEMBLY HALL

(14) The Director of the Physical Plant and Vice-President and Comptroller recommend an increase of \$8,492 in the contract with Felmley-Dickerson Company for the construction of the Assembly Hall for additional materials and labor to modify the original design of the glazed exterior wall section around the concourse to provide sufficient elasticity to permit structural movements resulting from changes in temperature and natural expansion and contraction of the materials involved. Lack of sufficient elasticity would result in possible cracks, warpage, or damage to the exterior glazed wall. This work, estimated to cost \$15,246, will be offset to the extent of \$6,754 for revisions in the shape and over-all length of the catwalk above the playing floor, and by reduction of the concrete slab seating area from 4 inches to 3 inches.

Funds are available in the construction account for the Assembly Hall.

I concur and recommend that the Comptroller be authorized to execute the contract change.

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

ADDITION TO CONTRACT FOR SNACK BAR AND SERVICE BUILDING

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$6,303 in the contract with the A. F. Krall Construction Company for the construction of the Snack Bar and Service Building for the Gregory Drive and Peabody Drive Residence Halls to include construction of an information and sales counter in the lobby. This will include shelf space for newspapers, magazines, toilet articles, and other items, formerly available in the Parade Grounds Canteen which is being replaced by the new building.

Funds are available in the construction account for the Snack Bar and Service Building.

I concur and recommend that the Comptroller be authorized to execute the change order.

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

APPOINTMENT OF AUDITORS

(16) The firm of Ernst and Ernst, Certified Public Accountants, was retained by the Board of Trustees for the audit of the University's 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 firm was also employed for the year ended 1959.

The services of Ernst and Ernst have been very satisfactory. The firm proposes to complete the audit for the year ending June 30, 1960, at the prevailing hourly rates 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 will not exceed the following amounts, which are the same maximums used for the audit for the past two years:

University of Illinois (all divisions).....	\$18 700
University of Illinois Foundation (including its retirement system).....	1 200
University of Illinois Athletic Association (including its retirement system).....	1 000

Alumni Association (including its retirement system).....	\$ 500
University Retirement System of Illinois.....	2 000

Under the 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 reports 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 Ernst and Ernst is acceptable to the Auditor-General.

The Finance Committee recommends the employment of Ernst and Ernst for the audit of University accounts for the fiscal year ending June 30, 1960.

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

PURCHASES

(17) 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 bid.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Contract services for six months of the Shawnee Farm Bureau Farm Management Association	Agricultural Economics	Shawnee Farm Bureau Farm Management Association, Johnston City	\$ 2 600 00
One counter-current distributing instrument containing 200 15 mm. O.D. tubes, each holding 10 ml. of either phase; with driving mechanism, fraction collector, and 95 in. x 33 in. x 37 in. fume hood	Chemistry and Chemical Engineering	H. O. Post Scientific Instrument Co., Inc., Middle Village, N. Y.	6 895 71 f.o.b. delivered
One amino acid analyzer for rapid automatic quantitative analysis of unknown mixtures of amino acids, with micro scale	Chemistry and Chemical Engineering	Beckman Instruments, Inc., Spinco Division, Palo Alto, Calif.	12 692 00 f.o.b. delivered and installed
One spectrophotometer, infrared, double beam, with prism grating, recorder, and three cells, range 650 to 4000 cm ⁻¹	Chemistry and Chemical Engineering	Beckman Instruments, Inc., Chicago	16 109 50 delivered and installed
One spectrophotometer, double beam infrared type, wave length linear in microns 2.5-15μ, recording, self-contained, 115 volt, 50-60 cycle	Chemistry and Chemical Engineering	Perkin-Elmer Corp., Chicago	4 481 00 f.o.b. delivered
One spectrophotometer complete with photomultiplier, line operated, 115 volt, with accessories	General Chemical Stores	E. H. Sargent & Co., Chicago	2 995 00 delivered and installed
One lot laboratory supplies, including tubing, beakers, stirring bars, and plastics			
One portable DC high-voltage power supply 0-250 K volts, maximum ripple voltage 3.5 per cent at maximum current and voltage, one MA maximum current at 250 K volts	Coordinated Science Laboratory	Del Electronics Corp., Mount Vernon, N. Y.	5 975 00 f.o.b. delivered
10,800 Dalohm wire-wound resistors, 3 watt, 1 per cent tolerance	Digital Computer Laboratory	Dale Products, Inc., Columbus, Neb.	4 382 00 f.o.b. Columbus, Neb.
One Hewlett-Packard 524C frequency counter with video amplifier and two frequency converters, ranges 10 cps-10.1 MC, 10 cps-100 MC, and 100 MC-220 MC	Electrical Engineering	Hewlett-Packard Co., c/o Crossley Associates, Inc., Chicago	4 264 31 f.o.b. delivered
One H-P 606A high-frequency signal generator 50KC to 65 MC			
One Lee-Kramer shear press qualitator, including basic hydraulic unit, one shear test cell but not the succulometer cell, and one recording attachment complete with its own three-range proving ring	Food Technology	Laboratory of Electronic Engineering, Inc., Washington, D.C.	3 557 37 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One automatic radiation counting system including the following: automatic sample changer, capacity, 35 or more samples; printing timer; lead shield; binary scaler; time delay valve	Microbiology	Nuclear-Chicago Corp., Chicago	\$ 3 647 83 f.o.b. delivered
One vac ion pump and magnet 40 liters/sec., and one vac ion pump and magnet 5 liters/sec.; each complete with power supply, gaskets, flanges, and hardware	Physics	Varian Associates, Palo Alto, Calif.	3 106 00 f.o.b. delivered
One Grass instrument model 5; six-channel cabinet; polygraph unit; five driver amplifiers; five oscillographs; and four preamplifiers	Psychology Laboratory of Personality Assessment	Grass Instrument Co., Quincy, Mass.	2 855 00 f.o.b. delivered
Modified speech testing equipment including Beltone 15B two-channel audiometer, microphone boom and arm, tape recorder, phono player, amplifiers, speakers, test room junction box and cable, automatic attenuator, desk, necessary switches, etc., plus installation	Speech	Acoustic Research Instrument Co., Northbrook	3 785 00 f.o.b. delivered
One model 610 Vari-Typer with 16 in. carriage and twelve sets type fonts	Theoretical and Applied Mechanics	Vari-Typer Corp., Peoria	3 238 00 f.o.b. Newark, N.J.
500,000 mysoline tablets, 0.25 gm. (approximately one-year's supply)	Research and Educational Hospitals	Ayerst Laboratories, Chicago	13 290 00 delivered
500,000 multiple vitamin capsules	Research and Educational Hospitals	Security Medicine Co., Chicago	3 815 00 delivered
31 monocular medical microscopes; less trade-in allowance for 30 used microscopes	Student Supply Store, Chicago Professional Colleges	A. S. Aloe & Co., Schiller Park	5 228 55 delivered
Approximately 100,000 pounds cut dry ice and 125 fifty-pound cylinders of carbon dioxide to be used by various departments in the Chicago Professional Colleges during the year beginning July 1, 1960	Chicago Professional Colleges	Liquid Carbonic, Division of General Dynamics, Chicago	5 937 50 delivered
Rental of academic apparel, consisting of 519 caps and gowns and 353 hoods for the June 10, 1960, exercises for the Chicago Professional Colleges	Chicago Professional Colleges	E. R. Moore Co., Chicago	2 878 90 delivered
20,000 124-page Undergraduate Division 1960-61 catalogs	Chicago Undergraduate Division	Interstate Printers & Publishers, Danville	5 307 60 f.o.b. delivered
Furnish and install hardware and draperies for 711 windows (11 ft. 6 in. wide x 5 ft. 1 in. high) in Men's Residence Halls SM-3, Buildings A, B, and C	Housing Division, Men's Residence Halls	Edwin Raphael Co., Inc., Chicago	16 342 50 f.o.b. delivered and installed
197 36 in. x 80 in. bed springs	Housing Division, Men's Residence Halls	Karoll's, Inc., Chicago	2 770 70 f.o.b. delivered
1,469 36 in. x 80 in. x 4 1/2 in. foam rubber mattresses	Housing Division, Men's Residence Halls	Lifetime Foam Products, Chicago (foam rubber mattresses)	43 423 44
197 36 in. x 80 in. x 6 1/2 in. innerspring mattresses		A. D. Sackett, Champaign (innerspring mattresses)	3 555 85 f.o.b. delivered
815 dozen sheets, size 63 in. x 180 in., type 140, two-inch hem on each end	Housing Division, Men's Residence Halls	Kansas City White Goods Manufacturing Co., Kansas City, Mo.	16 798 96 f.o.b. delivered
408 dozen pillow cases, size 42 in. x 36 in., type 140			
1,670 bed pillows, finished size 20 in. x 26 in. minimum filling weight 1 pound 14 ounces	Housing Division, Men's Residence Halls	Karoll's, Inc., Chicago	3 907 80 f.o.b. delivered
Eight concrete poles, 27 ft. long with twin aluminum brackets	Institute of Aviation	Westinghouse Electric Supply Co., Danville	5 532 00 f.o.b. delivered
Eight concrete poles, 27 ft. long with single aluminum brackets			
24 lighting refractors, 400 watt, with built-in ballasts			

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
500,000 No. 10 20-lb. Kraft envelopes with gummed flap	Office Supply	Tension Envelope Corp.,	\$5 242 50
150,000 No. 6½ 20-lb. Kraft envelopes with gummed flap	Stores	St. Louis, Mo.	f.o.b. delivered
750,000 No. 10 28-lb. white wove envelopes			
200,000 No. 6½ 28-lb. white wove envelopes			
50,000 9 in. x 12 in. 24-lb. open end brown Kraft catalog envelopes with gummed flap			
30,000 pounds soft white lead paste, federal specifications TT-W-215B, type C, in 100-pound kegs	Physical Plant Storeroom	MacGregor Lead Co., Chicago	5 420 25 f.o.b. delivered
Services of General Electric Co. engineer to supervise, overhaul, and inspect General Electric turbine generator No. 45701, Unit 1, at Abbott Power Plant for period from December 14, 1959, to January 31, 1960	Physical Plant	General Electric Co., St. Louis, Mo.	3 413 55
150 (approximately) window air conditioners of various capacities to be furnished as required during the period from May 1, 1960, to September 30, 1960	Physical Plant	Crum Distributing Co., Decatur	25 335 00 f.o.b. delivered
Eleven four-door sedans	Physical Plant	Courtesy Motor Sales, Inc. (Ford), Chicago	
One four-door station wagon		Seven sedans	5 824 00
Less trade-in allowance for ten four-door sedans and one station wagon		One sedan	1 907 00
		Sullivan Chevrolet Co., Champaign	
		One sedan	713 50
		University Ford Sales, Champaign	
		One sedan	1 348 00
		One station wagon	995 00
		Young Chevrolet Co., Minonk	
		One sedan	1 570 00 (12 357 50)

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

PURCHASE OF FURNITURE FOR STUDENT RESIDENCE HALLS

(18) The Board of Trustees on March 16, 1960, authorized the purchase of student room furniture (chairs, desks, and beds) for the Peabody Avenue Residence Halls and the Residence Hall on Green Street for Single Graduate Students, now under construction, from Faucett-Umphrey Corporation, Bloomfield, Indiana, the lowest bidder and manufacturer, and a contract for \$189,448.10 was subsequently executed by the Corporation and the University.

The Corporation, having failed to furnish an Owner's Protective Bond as specified in the contract within the required ten-day period, and after an extension of time was granted, the Director of Purchases and the Vice-President and Comptroller therefore recommend that the Board exercise its option to declare the contract with Faucett-Umphrey Corporation null and void and to retain the Corporation's bid deposit of \$7,500 as liquidated damages for failure to comply with contract requirements; and that the Board authorize the Director of Purchases to send written notice of this action to Faucett-Umphrey Corporation.

It is also recommended that a contract for \$195,494.74 for the purchase of this furniture be awarded to Sligh Lowry Furniture Company, Holland, Michigan, the second lowest bidder, on the total of the items to be purchased. This Company is prepared to execute a contract and to comply with all requirements.

I concur.

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

COMPTROLLER'S REPORT OF CONTRACTS

(19) The Comptroller's report of contracts executed during the period March 1 to 31, 1960.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Abbott Laboratories	Treatment of leptospira pomona infection in swine with erythromycin	\$ 1 500 00	March 2, 1960

<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	\$ 9 000 00	March 3, 1960
Cities Service Athabasca, Inc.	Influence of oily residue on the physical properties of sands	11 400 00	March 2, 1960
Forest Park Foundation	Evaluation of the activity-therapy program of the Forest Park Foundation	1 000 00	March 10, 1960
Quaker Oats Co.	Breeding for yellow dwarf (red leaf) resistance in spring and winter oats and for improved winter hardiness in winter oats	8 800 00	March 26, 1960
State of Illinois Department of Agriculture	Use of blood groups as an aid in selection of swine for carcass quality	15 000 00	February 17, 1960
State of Illinois Department of Agriculture	Quality factors affecting the marketing of milk and cream for processing	4 500 00	February 17, 1960
State of Illinois Department of Agriculture	Development of corn carbohydrate coatings for control of shrink and preservation of quality in products, such as meats, fruits, and vegetables	13 200 00	February 17, 1960
State of Illinois Office of the Superintendent of Public Instruction	Assistance to local educational agencies in the planning of local programs and in establishing, maintaining, or improving such programs	20 00 per each half working day plus expenses	January 14, 1960
United States Air Force AF 11(602)-2203	Academic instruction	3 000 00	February 17, 1960
United States Air Force AF 29(601)-2591	Analysis and design of domes, arches, and shells	35 000 00	February 16, 1960
United States Air Force AF 33(616)-7043	Megavolt electronics, submillimeter wave research	35 000 00	March 1, 1960
VioBin Corp.	Safety of feeding whole dried fish meal	3 000 00	March 23, 1960
Washington Recreation Association	Appraisal of existing recreation and park resources	300 00	March 9, 1960

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Joe L. Collins	Lease of second-floor apartment of the Burt House at the University of Illinois Airport	\$ 960 00 annually March 1, 1960, to June 30, 1961	March 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	\$ 30 000 00	March 14, 1960
State of Illinois Department of Public Welfare	Child behavior and parent-child interaction patterns	2 690 00	February 29, 1960
United States Air Force AF 11(602)-2203	Academic instruction	244 00	March 11, 1960
United States Air Force AF 19(604)-2152	Gaseous electronics	152 903 00	February 2, 1960
United States Air Force AF 19(604)-5565	Processes in the ionosphere by means of gyro interaction experiments carried out with rockets	79 957 00	February 1, 1960
United States Air Force AF 33(616)-6176	Interaction of dissolved interstitial atoms with dislocations	14 330 00	January 13, 1960
United States Air Force AF 49(638)-556	Modulation and detection of light at microwave frequencies	22 926 00	January 13, 1960
United States Army DA-19-129-QM-1332	Development of techniques for the objective description of freeze-dehydrated cooked beef	13 500 00	February 16, 1960
United States Army DA-22-079-ENG-240	Analytical study of dynamic bearing capacity of soils	21 600 00	February 5, 1960
United States Navy Nonr-1834(26)	Development of suitable techniques and instrumentation for measuring acoustic attenuation	12 808 00	January 18, 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)	Thirty-nine items; \$101.88 deduct to \$2,025.00	\$ 3 992 90	February and March, 1960

This report was received for record.

ANNUAL REPORT OF THE TREASURER

(20) 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, 1959, to February 29, 1960, 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.

**APPOINTMENT OF VICE-PRESIDENT AND PROVOST
OF THE UNIVERSITY**

(21) I recommend the appointment of Dr. Lyle H. Lanier, now Professor of Psychology and Dean of the College of Liberal Arts and Sciences, as Professor of Psychology on indefinite tenure and Vice-President and Provost of the University for a period beginning July 1, 1960, and continuing through August 31, 1961. The salary for this position will be determined when the budget for 1960-61 is submitted to the Board for approval.

The nomination of Dean Lanier has the unanimous and enthusiastic support of a consultative committee appointed to advise the President of the University on this matter. The Committee consulted many members of the faculty from whom it received suggestions as well as from other sources. The members discussed the nature of the post with those qualified to have informed reactions and tested the names proposed against this analysis and in many interviews which they held.

The University is fortunate to have someone on its staff immediately available to succeed Vice-President and Provost Gordon N. Ray who has the respect and confidence of the faculty and the administrative staff, who is a proven administrator as a former department head and dean, and who has a background of distinguished academic achievement as teacher and scholar.

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

**REACCREDITATION SURVEY OF THE UNIVERSITY OF ILLINOIS
CURRICULUM IN OCCUPATIONAL THERAPY**

The Vice-President in charge of the Chicago Professional Colleges submitted a report on this matter, a copy of which was distributed to the Trustees and a copy of which has been filed with the Secretary of the Board for record.

This was submitted for information only and called for no action.

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.)

AHMED, A. H. SHAFFIUDDIN, Research Assistant in Mining and Metallurgical Engineering (C), three months from March 16, 1960, \$444.44 a month, supersedes (4-1-60).

ALLHANDS, JESSIE V., Instructor in Mathematics, March 1-August 31, 1960, to render service during the second semester of the academic year, \$450 a month (3-24-60).

- ARCILLA, RENE A., Clinical Assistant Professor of Pediatrics (Medicine), one year from September 1, 1959, without salary (3-26-60).
- ASDOURIAN, DAVID, Research Assistant Professor of Psychology, $\frac{1}{3}$ time, February 1-June 15, 1960, \$233.33 a month (3-8-60).
- ATHINEOS, EMIL, Research Assistant in Biological Chemistry (Medicine), March 15-August 31, 1960, \$366.66 a month (3-30-60).
- BABCOCK, MURRAY L., Research Assistant Professor of Electrical Engineering (C), six months from March 1, 1960, \$666.67 a month, supersedes (4-6-60).
- BAILAR, MRS. FLORENCE L., Instructor in Mathematics, 83/100 time, March 1-August 31, 1960, to render service during the second semester of the academic year, \$4500 a year (3-24-60).
- BAKER, ROBERT J., Clinical Instructor in Surgery (Medicine), six months from March 1, 1960, without salary (3-24-60).
- BATEMAN, FELICE D., Assistant Professor of Mathematics, $\frac{1}{2}$ time, March 1-August 31, 1960, to render service during the second semester of the academic year, \$266.66 a month (3-24-60).
- BATEMAN, PAUL T., Professor of Mathematics, two months from July 1, 1960, \$2444.44; this is in addition to his present appointment (3-31-60).
- BEAN, CALVERT, JR., Instructor in Music, $\frac{2}{3}$ time, to render service during the second semester of the academic year, March 1-August 31, 1960, \$3700 a year, supersedes (3-7-60).
- BLACK, SIDNEY, Clinical Assistant Professor of Surgery (Medicine), $\frac{1}{4}$ time, six months from March 1, 1960, \$2350 a year, supersedes (3-24-60).
- BLANCHARD, WOODROW W., Research Assistant in Microbiology, March 1-June 15, 1960, $\frac{1}{2}$ time, \$183.33 a month; and June 16-August 31, 1960, full time, \$366.67 a month, supersedes (3-18-60).
- BLYTH, COLIN R., Professor of Mathematics, two months from July 1, 1960, \$2444.44; this is in addition to his present appointment (4-6-60).
- BOYLE, THOMAS E., Assistant in English, February 1-June 15, 1960, \$400 a month, supersedes (3-7-60).
- BURKHOLDER, DONALD L., Assistant Professor of Mathematics, two months from July 1, 1960, \$1777.76; this is in addition to his present appointment (4-6-60).
- CHAN, PAUL YING-MING, Instructor in Surgery (Medicine), 9/10 time, seven months from February 1, 1960, \$558.33 a month, supersedes (3-7-60).
- CHUN, WON CHOON, Research Assistant in Medicine (Medicine), one year from July 1, 1960, \$4650 (4-6-60).
- CORRELL, NOBLE O., JR., Clinical Instructor in Surgery (Medicine), 15/100 time, six months from March 1, 1960, \$1200 a year, supersedes (3-24-60).
- COURSON, ROGER L., Instructor in Vocational Agriculture Service (C), one year from September 1, 1960, \$8200 (3-25-60).
- DILLMAN, PHILLIP, Assistant in English, February 1-June 15, 1960, \$400 a month, supersedes (3-8-60).
- DINGER, MRS. SHARON L., Assistant in Veterinary Pathology and Hygiene, five months from April 1, 1960, \$366.67 a month (3-24-60).
- DONOVAN, CECIL V., Professor of Art, and Director of the Krannert Art Museum, two months from June 20, 1960, \$2889; this is in addition to his present appointment (4-6-60).
- EDMONDSON, JOHN L., Clinical Instructor in Surgery (Medicine), $\frac{1}{4}$ time, six months from March 1, 1960, \$1500 a year, supersedes (3-24-60).
- EICHHOLZ, ALEXANDER, Research Assistant in Biological Chemistry (Medicine), March 14-August 31, 1960, \$366.67 a month, supersedes (3-24-60).
- EISEN, NATHANIEL H., Assistant Professor of Psychology, $\frac{1}{2}$ time, March 1-August 31, 1960, to render service during the second semester of the academic year, \$4000 a year, supersedes (3-17-60).
- FLERCHINGER, FRANCIS H., Assistant Director-System and Program Development in the Statistical Service Unit (Provost's Office), five months from April 1, 1960, \$9700 a year, supersedes (4-6-60).
- FLYNN, COLIN P., Research Associate in Physics (C), one year from September 1, 1960, \$7000 (4-6-60).
- GILLESPIE, ELEANOR E., Assistant in English, February 1-June 15, 1960, \$400 a month (3-7-60).
- GOLD, ALBERT, Research Associate in Physics (C), one year from September 1, 1960, \$7000 (3-25-60).

- HAASE, GERHARD H., Clinical Assistant in Medicine (Medicine), six months from March 1, 1960, without salary (4-6-60).
- HILL, DIETRICH A., Assistant in English, February 1-June 15, 1960, \$400 a month (3-7-60).
- HILL, ROBERT E., Assistant Professor in the Graduate School of Business Administration, two months from June 16, 1960, \$1650; this is in addition to his present appointment (3-10-60).
- HOWARD, FRANCIS M., Clinical Instructor in Orthopaedic Surgery (Medicine), 35/100 time, ten months from March 1, 1960, \$233.33 a month, supersedes (3-24-60).
- HUFFORD, LYLE E., Research Assistant in Psychology, February 11-June 15, 1960, \$400 a month, supersedes (3-4-60).
- JACKSON, JAMES J., Research Assistant in Physics (C), two months from March 1, 1960, \$600 a month (3-7-60).
- JOHN, KARL O., Research Associate in Chemistry, one year from April 16, 1960, \$6600 (3-25-60).
- JOHNSON, A. BEAUMONT, III, Clinical Associate in Neurological Surgery, Department of Neurology and Neurological Surgery (Medicine), $\frac{3}{4}$ time, six months from March 1, 1960, \$150 a month, supersedes (4-6-60).
- KANE, ROBERT B., Assistant in Education, $\frac{3}{4}$ time February 1-June 15, 1960, \$375 a month; and Research Assistant in the Bureau of Educational Research, $\frac{1}{4}$ time February 1-June 15, 1960, \$114.58 a month, and full time June 16-August 31, 1960, \$458.33 a month, supersedes (3-4-60).
- KHANNA, SHANTI S., Research Assistant in Agronomy (S), March 15-August 31, 1960, \$383.33 a month (3-30-60).
- KINDLSPERGER, RONALD, Research Assistant in Pedodontics (Dentistry), six months from March 1, 1960, \$4800 a year, supersedes (3-17-60).
- KOKKOTAKIS, NICK A., Research Assistant in Physics (C), three months from June 1, 1960, \$420 a month (3-18-60).
- LEIBY, CLARE C., Research Assistant in Electrical Engineering (S), March 1-August 31, 1960, \$9000 a year, supersedes (3-24-60).
- LENDRUM, BESSIE L., Clinical Assistant Professor of Pediatrics (Medicine), eight months from January 1, 1960, without salary (3-7-60).
- LEVY, LUCRETIA, Instructor in Mathematics, $\frac{1}{2}$ time, March 1-August 31, 1960, to render service during the second semester of the academic year, \$3000 a year (3-24-60).
- LUTZ, RICHARD W., Research Assistant in the Illinois State Natural History Survey, four months from April 1, 1960, \$400 a month (3-21-60).
- MARONEY, DORIS M., Research Assistant in Ceramic Engineering (S), six months from March 1, 1960, \$5280 a year, supersedes (3-10-60).
- MEUX, MILTON O., Research Assistant Professor in the Bureau of Educational Research, seven months from February 1, 1960, \$7600 a year, supersedes (4-6-60).
- MILLER, RAYMOND E., Visiting Assistant Professor in the Digital Computer Laboratory, September 16, 1960-January 31, 1961, without salary (3-4-60).
- NAKANISHI, MASAKI, Research Associate in Chemistry, one year from September 1, 1960, \$5500 (3-26-60).
- NEILSON, NANCY V., Spectroscopist in Chemistry, five months from April 1, 1960, \$391.67 a month (4-6-60).
- NOGAMI, YUKIHISA, Research Associate in Physics (C), September 16, 1960-August 31, 1961, \$7000 a year (4-6-60).
- NORDSIECK, ARNOLD T., Research Professor in the Coordinated Science Laboratory (C), $\frac{3}{4}$ time, for two months from June 16, 1960, \$1460 a month; this is in addition to his present appointment (3-17-60).
- OSBORN, HOWARD, Assistant Professor of Mathematics, two months from July 1, 1960, \$1777.76; this is in addition to his present appointment (3-31-60).
- PARDUE, H. L., Research Assistant in Chemistry, two months from June 16, 1960, \$800 (3-18-60).
- PAUL, JEROME T., Clinical Associate Professor of Medicine (Medicine), indefinite tenure beginning September 1, 1960, without salary, supersedes (4-6-60).
- PERLMUTTER, SHIRLEY A., Instructor in Occupational Therapy (Medicine), six months from March 1, 1960, \$5600 a year, supersedes (3-17-60).

- PUFF, ROBERT D., Research Associate in Physics (C), one year from September 1, 1960, \$7800 (4-6-60).
- RANKE, EUGENE J., Clinical Assistant Professor of Medicine (Medicine), one year from September 1, 1960, without salary, supersedes (4-6-60).
- REINER, IRMA, Assistant Professor of Mathematics, $\frac{1}{2}$ time, March 1-August 31, 1960, to render service during the second semester of the academic year, \$3500 a year (3-24-60).
- ROBERTS, DONALD M., Assistant Professor of Mathematics, two months from July 1, 1960, \$1444.44; this is in addition to his present appointment (4-6-60).
- ROSENBERG, HENRY, Assistant Professor of Radiology (Dentistry), $\frac{3}{5}$ time, April 1, 1960-August 31, 1961, \$5400 a year, supersedes (3-24-60).
- SALOGGA, FREDERICK W., Lecturer in Architecture, four months from February 1, 1960, \$5500 (3-7-60).
- SALOMON, LUIS, Clinical Instructor in Physical Medicine and Rehabilitation (Medicine), five months from April 1, 1960, without salary (4-6-60).
- SCHNEEWIND, JOHN H., Associate Professor of Surgery (Medicine), $\frac{1}{2}$ time, indefinite tenure beginning February 1, 1960, \$6150 a year, and Chief of Emergency Service (Research and Educational Hospitals), February 1, 1960-August 31, 1961, supersedes (2-20-60).
- SEIDEN, ESTHER, Visiting Assistant Professor of Mathematics, $\frac{1}{2}$ time, June 20-August 13, 1960, \$666.66 (4-6-60).
- SHAFFER, SID J., Clinical Assistant Professor of Orthopaedic Surgery (Medicine), and Orthopaedist in the Respiratory Center, 15/100 time, two months from July 1, 1960, \$110 a month (3-24-60).
- SHARAF, HUSSEIN A., Research Associate in Accountancy, February 1-June 15, 1960, to render service during the second semester of the academic year, \$500 a month, supersedes (3-14-60).
- SHIMOMURA, KENJI, Research Associate in Chemistry, one year from September 1, 1960, \$5500 (3-18-60).
- SUZUKI, MICHIO, Professor of Mathematics, two months from July 1, 1960, \$2222.22; this is in addition to his present appointment (3-31-60).
- TEXTOR, CHARLES S., II, Clinical Assistant Professor of Neurology and Neurological Surgery (Medicine), six months from March 1, 1960, \$100 a month, supersedes his nonsalaried appointment (4-6-60).
- TOREN, E. C., Research Assistant in Chemistry, one month from June 16, 1960, \$400 (3-18-60).
- VOLPP, LOUIS D., Assistant Professor in the Graduate School of Business Administration, $\frac{1}{2}$ time, two months from June 16, 1960, \$825; this is in addition to his present appointment (3-10-60).
- WHITE, CARLOS A., Research Assistant in Agricultural Entomology (Graduate College and Illinois State Natural History Survey), March 15-August 31, 1960, \$400 a month, supersedes (3-18-60).
- WIBIN, ERNEST A., Research Assistant in Surgery (Medicine), February 15-August 31, 1960, \$4800 a year, supersedes (3-7-60).
- WIJSMAN, ROBERT A., Assistant Professor of Mathematics, two months from July 1, 1960, \$1777.76; this is in addition to his present appointment (4-6-60).
- WILF, HERBERT, Assistant Professor of Mathematics, two months from July 1, 1960, \$1444.44; this is in addition to his present appointment (3-31-60).

GRADUATE FELLOWS

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

- BACGERLY, LAWRENCE A., Northern Illinois Gas Company Fellow in Business Administration, February 1-June 15, 1960, \$500 (3-9-60).
- BEULIGMANN, RAYMOND F., Engineering Faculty Development Teaching Fellow in Electrical Engineering, seven months from February 1, 1960, \$1167, supersedes and is in addition to his appointment as Instructor in Electrical Engineering (C), on $\frac{1}{5}$ time (3-11-60).
- DALTON, CARL O., Mathematics Institute Fellow in Mathematics, March 1-August 13, 1960, \$2209.05, supersedes (3-30-60).
- HUBER, WILLIAM G., United States Public Health Service Fellow (Trainee) in Veterinary Medical Science, seven months from February 1, 1960, \$3325; and for five months from September 1, 1960, \$2375 (3-3-60).

- IHNEN, ERNEL D., United States Public Health Service Fellow (Trainee) in Chemistry, February 1-June 15, 1960, \$1012 (2-18-60).
LIPPERT, HENRY T., United States Health, Education, and Welfare Fellow (Trainee) in Education, February 1-June 15, 1960, \$1400 (3-3-60).
SIMMONS, RONALD E., Eastman Kodak Company Fellow in Economics, two months from June 16, 1960, \$500 (3-18-60).
STEINMETZ, DONALD K., United States Health, Education, and Welfare Fellow (Trainee) in Education, February 1-April 8, 1960, \$500 (3-3-60).
STOVALL, ETHEL L., National Institute for Mental Health Fellow (Trainee) in Social Work, February 1-June 15, 1960, \$900 (2-18-60).
WOLFE, JAMES E., United States Health, Education, and Welfare Fellow (Trainee) in Education, February 1-April 8, 1960, \$500 (3-3-60).

RESIGNATIONS

- ADOLPH, ROBERT J., Assistant Professor of Medicine (Medicine) — resignation effective July 1, 1960.
AUSTIN, WALTER J., Associate Professor of Civil Engineering — resignation effective September 1, 1960.
BOEGEHOLD, ALAN L., Assistant Professor of the Classics — resignation effective September 1, 1960.
CRYDER, ROBERT W., Law Library Assistant, with rank of Instructor, in the Library — resignation effective July 1, 1960.
DE YOUNG, CHARLES D., Circulation Librarian and Assistant Professor of Library Administration (Chicago Undergraduate Division) — resignation effective September 1, 1960.
GOLLAKOTA, KRISHNAMURTY, Research Assistant Professor of Microbiology — resignation effective April 1, 1960.
HART, MRS. EMILY S., Research Assistant in Chemistry — resignation effective April 1, 1960.
HEGARTY, JOHN F., Pharmacy Resident in Hospital Pharmacy (Pharmacy) — resignation effective April 1, 1960.
HENDRICKSON, HERMAN, United States Public Health Service Fellow in Chemistry — resignation effective February 1, 1960.
HOLZBERG, DONALD J., United States Public Health Service Fellow (Trainee) in Ophthalmology (Chicago Professional Colleges) — resignation effective June 1, 1960.
IHNEN, EULA G., Spectroscopist in Chemistry — resignation effective April 1, 1960.
KARKAZIS, LAMBROS, Assistant in Ophthalmology (Medicine) — resignation effective January 1, 1960.
KLAIN, GEORGE, Assistant in Animal Science — resignation effective March 26, 1960.
LINARI, MARION R., Fellow in Psychology — resignation effective February 1, 1960.
LOWE, JOHN A., Research Assistant in Agricultural Entomology (Agricultural Experiment Station and Illinois State Natural History Survey) — resignation effective March 15, 1960.
MAMEESH, MOSTAFA S., Research Associate in Animal Nutrition, in the Department of Animal Science — resignation effective May 1, 1960.
MANN, MRS. MARY E., Research Assistant in Economic Entomology (Graduate College and Illinois State Natural History Survey) — resignation effective April 12, 1960.
MASON, BRUCE B., Research Assistant Professor in the Institute of Government and Public Affairs — resignation effective September 1, 1960.
MOYAR, MRS. RUTH J., Engineering Library Assistant — resignation effective September 1, 1960.
MUNROE, M. EVANS, Associate Professor of Mathematics — resignation effective March 1, 1959.
PEACOCK, R. NORMAN, Research Assistant Professor of Physics — resignation effective May 1, 1960.
SCHOESSLING, MRS. BERNADETTE S., Assistant Reference Librarian and Instructor in Library Administration (Chicago Undergraduate Division) — resignation effective July 1, 1960.
SHEAGREN, JOHN W., Physician in the Health Service and Instructor in Medicine (Chicago Professional Colleges) — resignation effective April 1, 1960.

- SHEPPARD, ALAN J., Assistant in Animal Science—resignation effective April 1, 1960.
- SIMPSON, ROBERT K., Instructor in Speech—resignation effective March 1, 1960.
- TANG, TAO NAN, Instructor in Electrical Engineering—resignation effective March 1, 1960.
- TEETERS, WINNIE R., Research Assistant in the Institution for Tuberculosis Research—resignation effective March 19, 1960.
- THABET, SAMIR KHALIL, Research Associate in Chemistry—resignation effective April 1, 1960.
- THOMAS, RICHARD M., Instructor in Veterinary Pathology and Hygiene (College of Veterinary Medicine)—resignation effective April 2, 1960.
- THURSTON, ELEANOR J., Instructor in Occupational Therapy (Medicine)—resignation effective April 18, 1960.
- TRIPLEHORN, MRS. JULIA H., Reference Assistant in the Library—resignation effective September 1, 1960.
- WAHL, NORMAN, Instructor in Crowns and Fixed Partial Dentures (Dentistry)—resignation effective August 7, 1960.
- WARREN, WILLIAM D., Professor of Law—resignation effective September 1, 1960.

LEAVES OF ABSENCE

- BERDAHL, CLARENCE A., Professor of Political Science—extension of leave of absence without pay for the year beginning September 1, 1960.
- GUPTA, OM PRAKASH, Assistant Professor of Applied Materia Medica and Therapeutics, in the College of Dentistry—leave of absence, without pay, for two months from April 1, 1960.
- JOBST, VALENTINE, Professor of Political Science—leave of absence, without pay, for the academic year beginning September 1, 1960.
- KRAUSE, RALPH M., Assistant Professor of Mathematics—leave of absence, without pay, for the academic year 1960-61.
- LIDGE, RALPH T., Clinical Assistant Professor of Orthopaedic Surgery, in the College of Medicine—leave of absence, without pay, for ten months from March 1, 1960.
- MARWAH, AMARJIT S., Instructor in Oral Pathology, in the College of Dentistry—extension of leave of absence, with pay, for two months from March 1, 1960.
- PROEHL, PAUL O., Associate Professor of Law—leave of absence, without pay, from September 1, 1960, through February 28, 1961, so that he may serve as Visiting Professor of Law at the University of California at Los Angeles.
- RUINA, JACK P., Professor of Electrical Engineering, and Research Professor in the Coordinated Science Laboratory, in the College of Engineering—extension of leave of absence, without pay, for one year from September 1, 1960.
- STRUBINGER, JOSEPH R., Massac County Farm Adviser—leave of absence, with full pay, for six months from February 13, 1960, or for as much of that period as may be necessary, on account of disability.
- TERRILL, STANLEY W., Professor of Animal Science—leave of absence, with pay, from December 28, 1959, through February 29, 1960; and leave of absence, without pay, from March 1, 1960, and continuing until further notice, on account of disability.
- TURNER, HORACE E., Clinical Assistant Professor of Orthopaedic Surgery, in the College of Medicine—leave of absence, without pay, for six months from March 1, 1960, so that he may act as Secretary-General of the International College of Surgeons until they can appoint someone else to that position.
- WEINMANN, JOSEPH P., Professor of Oral Pathology, Head of the Division, and Lecturer of Postgraduate Studies, in the College of Dentistry, and Professor of Pathology, in the College of Medicine—leave of absence, with full pay, for six months from March 1, 1960, on account of disability.

LIBRARY OF INTERNATIONAL RELATIONS

Dean Royden Dangerfield, Associate Provost, reported that negotiations with the Board of Trustees of the Library of International Relations for the acquisition of that Library by the University of Illinois were proceeding but have not been consummated. It has been made

clear to the Board of Trustees of the Library of International Relations that this University is very desirous of acquiring the Library and it is hoped that a satisfactory agreement can be concluded.

MAY AND JUNE MEETINGS

President Williamson called attention to the action of the Board of Trustees at a previous meeting to hold its May meeting in Urbana, on Tuesday, May 17, 1960, and asked if the Board wished to fix the date of the June meeting.

On motion of Mr. Johnston, the Board voted to hold its June meeting on Tuesday, June 14, 1960, in Urbana, Illinois, the hour and place to be determined by the President and 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

May 17, 1960



The May meeting of the Board of Trustees of the University of Illinois was held in the Illini Union Building, Urbana, Illinois, on Tuesday, May 17, 1960, beginning at 2:00 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. George T. Wilkins, Mr. Kenney E. Williamson. Mr. Wirt Herrick and Governor William G. Stratton were absent.

Also present were President David D. Henry, Vice-President and Provost Gordon N. Ray, Dr. H. E. Longenecker, Vice-President in charge of the Chicago Professional Colleges, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Dean Lyle H. Lanier of the College of Liberal Arts and Sciences and Provost-Elect, Director C. S. Havens of the Physical Plant, Mr. Ralph F. Lesemann, Legal Counsel, Mr. C. E. Flynn, Director of Public Information, Mr. Vernon L. Kretschmer, Director of Auxiliary Services, Mr. Joseph S. Begando, Assistant to the President; 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

A meeting of the Board's Finance Committee was held in the Illini Union Building, on Monday, May 16, beginning at 8:00 p.m., and meetings of the Committees on General Policy and Buildings and Grounds were held on Tuesday, May 17, in the forenoon, beginning at 9:30 and 11:00 a.m.

MINUTES APPROVED

The Secretary presented the minutes of the meetings of the Board of Trustees on December 16, 1959, and January 20, 1960, press proof copies of which have previously been sent to the Board.

On motion of Mrs. Watkins, these minutes were approved as printed on pages 1091 to 1160, 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.

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. ARTHUR E. BARKER, Professor of English, beginning February 1, 1961, at an annual salary of \$16,000 (A).
2. JOHN JAY BATEMAN, Assistant Professor of Classics, beginning September 1, 1960, at an annual salary of \$7,500 (B).
3. JOHN L. BRITTON, Visiting Assistant Professor of Mathematics, for one year beginning September 1, 1960, at a salary of \$7,500 (D).
4. JACK M. CRANNELL, Assistant Manager, WILL-TV, with rank of Assistant Professor, in the Division of University Broadcasting, on one-half time, and in the Office of Instructional Television, on one-half time, beginning June 1, 1960, at an annual salary of \$9,600 (DY).
5. FREDERIK W. DE WETTE, Research Assistant Professor of Physics, beginning May 16, 1960, at an annual salary of \$8,400 (DY).
6. ROBERT E. GALLAGHER, Assistant Professor of English, in the Division of Humanities, Chicago Undergraduate Division, beginning September 1, 1960, at an annual salary of \$6,600 (B).
7. HOWARD J. GAMBLE, Visiting Associate Professor of Anatomy, in the College of Medicine, for one year from September 1, 1960, at a salary of \$12,000 (DY).
8. JERRY HIRSCH, Associate Professor of Psychology, beginning July 1, 1960, at an annual salary of \$8,500 (on leave of absence without pay from July 1, 1960, to February 1, 1961) (A).
9. DONNELL R. HUNT, Associate Professor of Agricultural Engineering, beginning September 1, 1960, at an annual salary of \$10,500 (AY).
10. WILTON N. MELHORN, Visiting Associate Professor of Geology, for ten months from September 1, 1960, at a salary of \$8,150 (G).
11. STEPHEN L. SHERWOOD, Clinical Associate Professor of Neurophysiology, in the Department of Psychiatry, College of Medicine, beginning April 1, 1960, without salary (AY).
12. JOSEPH SIMON, Professor of Veterinary Pathology and Hygiene, in the College of Veterinary Medicine, and of Veterinary Research, in the Agricultural Experiment Station, for two years from May 1, 1960, at an annual salary of \$12,000 (FY).
13. HARRY J. SKORNIA, Associate Professor of Radio and Television, in the College of Journalism and Communications, beginning September 1, 1960, at an annual salary of \$12,300 (A).
14. HERBERT STERN, Professor of Botany, for one month beginning August 1, 1960, at a salary of \$1,166.67; and for the academic year beginning September 1, 1960, at a salary of \$10,500.

15. NOBORU SUEOKA, Assistant Professor of Microbiology, in the Graduate College, beginning September 1, 1960, at an annual salary of \$8,500 (B).
16. EDWARD C. THOMPSON, Clinical Assistant Professor of Oral and Maxillofacial Surgery, in the College of Dentistry, beginning April 18, 1960, without salary (DY).
17. MORTON W. WEIR, Assistant Professor of Psychology, beginning September 1, 1960, at an annual salary of \$6,300 (B).

Appointments to Nonacademic Staff

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

1. EDWIN E. ATWOOD, Site Planner, Physical Plant-Site Planning Office, beginning April 1, 1960, at an annual salary of \$10,000.
2. ROY W. DART, Assistant to Director of Health Services, beginning March 28, 1960, at an annual salary of \$5,700.
3. FLOYD E. DAVIS, Produce Supervisor, Residence Halls, beginning April 6, 1960, at an annual salary of \$5,700.
4. BUD J. MEADOR, Assistant Director of Statistical Service Unit, beginning April 1, 1960, at an annual salary of \$8,200.
5. RICHARD MARRS SELLEG, Landscape Architect, Physical Plant, beginning March 7, 1960, at an annual salary of \$7,200.

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

SABBATICAL LEAVES OF ABSENCE, 1960-61

- (2) I recommend that the following members of the staff be given sabbatical leaves of absence during the academic year 1960-61 in accordance with the provisions of the University of Illinois Statutes and on the terms and for the period indicated. This is supplemental to the lists of applications recommended to the Board of Trustees at the meetings on March 16 and April 20, 1960.

College of Agriculture

- H. H. DRAPER, Assistant Professor of Animal Nutrition, second semester, full pay; for research on biological function and metabolism of Vitamin E; work to be done at the University of Liverpool where significant discoveries in this field of research have been made in recent years.
- CLEO A. HALL, Assistant State Leader of Home Advisers and Assistant Professor of Home Economics Extension, one year beginning October 1, 1960, one-half pay; for studies for professional improvement in the area of supervision and administration of state and county programs in home economics. (These are not studies for an advanced degree.)
- JANE E. WERDEN, Associate Professor of Home Economics, one year, beginning September 1, 1960, one-half pay; for studies in the fields of sociology, cultural anthropology, and psychology, for professional improvement and for relating these studies to her field of teaching and research in home economics. (These are not studies for an advanced degree; Miss Werden already has a Ph.D. degree.)

Chicago Undergraduate Division

- IRWIN K. FEINSTEIN, Associate Professor of Mathematics Education, second semester, full pay; for studies of the impact of modern mathematics on the curriculum of the elementary school and the educational methods and techniques employed and the learning situation encountered by pupils and teachers alike.

On motion of Mr. Clement, these leaves were granted, as recommended.

HONORARY DEGREES

- (3) The Urbana-Champaign Senate on April 11, 1960, voted to recommend that honorary degrees be conferred as follows:

EDWARD ADELBERT DOISY, Distinguished Service Professor of Biochemistry and Director of the Edward A. Doisy Department of Biochemistry, School of Medicine, St. Louis University — Doctor of Science.

VINCENT DU VIGNEAUD, Professor and Head of the Department of Biochemistry of Cornell University Medical College—Doctor of Science.
 JAMES R. KILLIAN, JR., Chairman of the Corporation, Massachusetts Institute of Technology—Doctor of Engineering.

These degrees will be conferred at the Commencement Exercises in Urbana on June 18, 1960, or at some other appropriate convocation in case any of the recipients is unable to be present at the June Commencement.

The presentations made to the Urbana-Champaign Senate in support of the nominations of the candidates are submitted herewith, and copies are being filed with the Secretary of the Board.

On motion of Mr. Hughes, the President of the University was authorized to confer these degrees, as recommended.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(4) 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>
ROBERT PAUL BEHLING	Chicago	Kansas
JAMES HOWARD BUCHER	Sikeston, Missouri	Missouri
EDWARD RAYMOND DEPPMAN	Chicago	Washington
ELMER WILLIAM ETLING, JR.	Belleville	Missouri
HENRY JOHN LUNNEMANN	St. Louis, Missouri	Missouri
WILLIAM ALTON MCCANN	Sikeston, Missouri	Missouri
LEO WALTER PIETRACK	Gary, Indiana	Indiana
LEWIS WILLIAM SEIDMAN	Ada, Michigan	Michigan
EARL EUGENE SODER	Downers Grove	Iowa
JACK GERARD WAHLIG	Dubuque, Iowa	Iowa

I concur.

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

UNDERGRADUATE SCHOLARSHIPS FOR JUNIOR COLLEGE GRADUATES

(5) The Committee on Fees recommends authorization of seventy-five tuition-waiver scholarships for graduates of junior colleges in Illinois to be awarded on the basis of superior scholarship and financial need.

At present, graduates of junior colleges transferring to the University of Illinois are not eligible for some of the tuition-waiver scholarships, such as the County Scholarships, available to high school graduates. The Board of Trustees has recently authorized the award of tuition-waiver undergraduate scholarships to high school seniors who rank the highest in the County Scholarships examinations but who are technically ineligible for such scholarships because they have had work in high school at the college level. The present proposal would encourage the junior college movement and would improve relationships between the University and these colleges.

It is recommended that these scholarship awards be on a continuing basis, effective September, 1960, that they provide exemption from payment of tuition fees only, and that each scholarship shall be for a period of two years.

On motion of Mr. Wilkins, these scholarships were authorized, as recommended.

GRADUATE PROGRAM IN RUSSIAN LANGUAGE AND AREA STUDIES

(6) The Urbana-Champaign Senate recommends establishment of graduate minors in Russian Language and Area Studies as follows:

Minor for the Master's Degree. A candidate for the master's degree who elects Russian Language and Area Studies as a minor must earn at least two units

of graduate credit in specified courses chosen from anthropology, economics, geography, history, political science, and Russian. The courses chosen must be in at least two departments.

Minor for the Ph.D. Degree. A doctoral candidate who elects Russian Language and Area Studies as a minor must demonstrate a reading command of Russian as tested by examination or by completion of Russian 401 with a grade of "A" or "B" and in addition must earn at least four units of graduate credit in courses chosen from the list given just above. The four units must be distributed among at least two departments, not including the department offering the candidate's major.

This program has been approved by the Executive Committee of the Graduate College.

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

I recommend approval.

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

GRADUATE PROGRAM IN CHEMICAL PHYSICS

(7) The Urbana-Champaign Senate recommends authorization of a graduate program leading to the degree of Doctor of Philosophy in Chemical Physics. This program has been approved by the Executive Committee of the Graduate College. Its objective is to make it possible for students to gain the necessary background for original research in the interdisciplinary field of chemistry, physics, and mathematics.

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

There is submitted herewith a statement giving the requirements for admission and for the degree, a copy of which is being filed with the Secretary of the Board for record.

I recommend approval.

On motion of Mrs. Watkins, this recommendation was approved.

CHANGE IN REQUIREMENTS FOR TEACHERS OF VOCATIONAL AGRICULTURE

(8) The Urbana-Champaign Senate recommends approval of minors in general science and biology for teachers of vocational agriculture, which are necessary for teachers of vocational agriculture to obtain certification as teachers of general science or biology, under the law requiring twenty-four hours for a minor in these areas which will become effective in 1961. These changes have been approved by the Committee on Preparation of Secondary Teachers of Vocational Agriculture, the Committee on the Preparation of Secondary Teachers of Science, and the Council on Teacher Education.

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

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

I recommend approval.

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

SUMMER SPEECH CLINIC WORK BY DIVISION OF SERVICES FOR CRIPPLED CHILDREN

(9) 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, severe hearing loss, and aphasia. 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 1960 speech clinics be authorized in the following institutions on a reimbursable cost basis, estimated as follows:

Rockford College, Rockford.....	\$26 076 75
Augustana College, Rock Island.....	8 892 50
Northern Illinois University, DeKalb.....	8 675 20
Southern Illinois University, Carbondale.....	8 820 00
Illinois State Normal University, Normal.....	10 823 00
	\$63 287 45

A similar clinic will be conducted at the University of Illinois at Urbana at an estimated cost of..... 15 119 00

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. Johnston, this recommendation was approved.

CLINICAL RESEARCH CENTER IN THE RESEARCH AND EDUCATIONAL HOSPITALS

(10) 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 \$489,294 for the first year, \$305,592 for the second year, \$310,814 for the third year, \$316,296 for the fourth year, and \$322,055 for the fifth year.

The budget for the first year includes \$238,583 for renovation and major equipment, \$50,104 for operating expenses, and \$200,607 for basic hospitalization expenses for patients admitted to the Center for study.

In order to meet a date deadline for the consideration of this application, it was submitted on April 26 with the approval of the Vice-President in charge of the Chicago Professional Colleges.

I recommend authorization of this 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.

ILLINI UNION SERVICE CHARGES

(11) The Committee on Fees recommends increases in service charges as follows: Illini Union Building, from \$7.00 a semester to \$10.00 a semester, and the Chicago Illini Union Building, from \$3.50 a quarter to \$5.00 a quarter.

These adjustments are necessary to cover the costs of general building operations. The Illini Union service charge was originally set at \$5.00 in 1940 and was increased to \$7.00 in 1951. Salaries and wages of Illini Union staff and operating costs of the building have, of course, been increasing. Rates in service activities have been adjusted in keeping with these increased costs but there is a deficit in general building operations which is supported solely by the student fee.

Submitted herewith is a communication from the Student Senate at Urbana requesting that the Board of Trustees carefully consider one or more of the following as alternatives to the proposed increase in the Illini Union Building service charge:

1. That the faculty should be assessed to help pay its proportionate part of the expense of the Union's operation, and/or
2. That the University compensate for its use by the faculty, the amount of the compensation to be equal to that paid in 1953 with adjustments for increased size of faculty and the inflation of the period, and/or
3. That *all* students of the University, including those on graduate fellowships and those carrying less than five academic hours, be assessed an appropriate fee for their use of the Union, and/or
4. That the University give the Union free use of its utilities (steam, water, and electricity) as is done in other Big Ten universities.

At the meeting of the Board on April 20 there was presented a petition signed by some 750 students supporting the resolution of the Student Senate.

Also submitted is a reply to the Student Senate's request by the Vice-President and Comptroller. Copies of these documents are being filed with the Secretary of the Board for record.

The alternatives suggested in the Student Senate's proposal are plausible, and have been given due consideration, but are not feasible because:

All income from state tax funds and from student fees is fully budgeted for the current biennium. Any assignments from University funds to Illini Union Building operations would require additional income and this would mean an increase in the general tuition fee. The net result so far as the student is concerned would be the same.

While it may be argued that proposals 1 and 3 of the Student Senate—assessment of the faculty and requiring *all* students including those holding graduate fellowships to pay the Illini Union Building service charge—would not add to the expenses of the University, in both cases this would mean a change in basic contracts of appointment, which could be accomplished only by adjustments in the salaries and stipends.

In the preparation of the next biennial budget, consideration can be given to some of the alternatives recommended by the Student Senate.

I recommend approval of the changes in fees indicated.

On motion of Mr. Johnston, these changes in service charges were approved.

At this point Mr. Wilkins left the meeting.

APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(12) The Committee on Nonrecurring Appropriations recommends 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. College of Agriculture		
Completion of space for instruction in food technology in the Horticulture Field Laboratory.....	\$	2 500 00
Classroom in Agricultural Engineering Building.....		5 195 00
2. College of Engineering		
Department of Physics, construction of a temporary building adjoining the Physics Research Laboratory site.....		28 200 00
Department of Civil Engineering, purchase of a milling machine for use in graduate and structural research programs.....		15 000 00
3. College of Liberal Arts and Sciences		
Department of Botany, purchase of equipment.....		18 525 00
Department of Chemistry and Chemical Engineering:		
Completion of remodeling of physical chemistry laboratory.....	\$65 000 00	
Remodeling organic chemistry laboratory and equipment.....	80 500 00	145 500 00
4. College of Fine and Applied Arts		
Department of Architecture:		
Eighty drafting tables and stools.....	\$ 5 652 00	
Twenty-four exhibition and judgment panels....		384 00
Furniture.....		916 00
Shades for three rooms.....		410 00
Speaker stands.....		179 00
Slides.....	3 200 00	10 741 00
Department of Art:		
Furniture for drawing program.....	\$ 3 460 00	
Furniture for freshman program.....		4 560 00
Storage facilities for sculpture.....		2 000 00
Teaching equipment for painting and drawing programs.....		8 000 00
Equipment for sculpture program.....		13 800 00
Furniture for lounge.....	5 000 00	36 820 00

Department of City Planning and Landscape Architecture:			
Office furniture	\$	600 00	
Calculator		900 00	
Mimeograph, dictating, and duplicating machines	I	175 00	
Twenty drafting tables.....	I	300 00	
Slides.....		400 00	
Remodeling in building at 1202 West California.		800 00	5 175 00
5. College of Physical Education			
Remodeling in Huff Gymnasium for laboratory facilities for Health and Safety Education.....			23 235 00
6. Chicago Professional Colleges			
Remodeling for Department of Ophthalmology.....		30 000 00	
Conversion of College of Pharmacy classrooms into offices.....		10 000 00	
Remodeling College of Medicine Research Laboratories.....		10 000 00	
Remodeling Dental Clinic.....		16 500 00	
7. Chicago Undergraduate Division			
Remodeling lecture room to provide three classrooms.....		13 000 00	
8. Physical Plant			
Relocation of the tennis courts at Fifth and Armory Streets to clear site for Institute of Labor and Industrial Relations building..		27 000 00	
Relocation of Institute of Government and Public Affairs to provide site for Biology Building addition.....		27 500 00	
Remodeling in Natural History Building to provide a teaching laboratory for botany.....		16 475 00	
Remodeling building at 505 South Goodwin Avenue, Urbana....		10 000 00	
Partitioning rooms in Altgeld Hall, Davenport Hall, English Building, and Gregory Hall.....		40 800 00	
Improvements in Architecture Building:			
Remodeling to provide additional offices.....	\$	8 000 00	
Remodeling to provide additional library space..		18 000 00	
Remodeling classroom	I	150 00	
Chalk boards for four rooms.....	I	795 00	
Construction of partition and doors.....	I	970 00	
Improvements in lighting.....		19 000 00	49 915 00
Improvements in David Kinley Hall:			
Remodeling of rooms, partitioning of areas to provide additional offices; central lighting for the same.....	\$	23 000 00	
Remodeling and equipment of rooms for Graduate School of Business Administration.....		6 200 00	29 200 00
Remodeling Commerce Annex into offices.....		14 000 00	
Partitioning, painting, and lighting in Sixth Street Building.....		4 430 00	
Remodeling space in Gregory Hall vacated by National Association of Educational Broadcasters.....		7 000 00	
Changes in locker system in Men's Old Gymnasium.....		30 000 00	
Total.....			\$626 711 00

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.

APPLICATION TO THE FEDERAL COMMUNICATIONS COMMISSION

(13) In the operation of the Radio Astronomy Telescope, it is necessary to petition the Federal Communications Commission to amend or modify its rules and regulations to provide interference protection by restricting assignments of UHF television stations or any other type or class of station operating in the band of 608 to 614 megacycles.

It is desirable to retain a law firm in Washington, D.C., for the purpose of filing the petition and to follow through in the event adverse comments are received by the Commission and hearings are held. The law firm of Bingham, Collins,

Porter, and Kistler is recommended for this purpose. It is estimated that the cost of filing the petition will be a minimum of \$250, and could be as high as \$2,500 for professional services, plus the cost of transcripts and other out-of-pocket expenses. The final cost will depend upon whether hearings are held and the length of the hearings. The Department of Astronomy can pay the first \$250 from its departmental indirect costs.

I recommend the adoption of the following resolution and the assignment of \$2,500, or as much thereof as may be necessary, from general Indirect Costs funds accumulated from research contracts for legal services required.

Resolution of the Board of Trustees of the University of Illinois

WHEREAS, the University has undertaken the construction of a unique Radio Astronomy Telescope near Urbana, Illinois, which offers marked possibilities of providing a highly sensitive precision instrument at considerably lower cost than other instruments of comparable capabilities, and will contribute substantially to the scientific advancement of Radio Astronomy; and

WHEREAS, the Radio Astronomy Telescope now under construction has been designed for effective and efficient use at $611 \text{ megacycles} \pm 3 \text{ megacycles}$, or a required radio frequency band width of 6 megacycles extending from 608 megacycles to 614 megacycles; and

WHEREAS, this portion of the radio frequency spectrum is now allocated by the Federal Communications Commission to television broadcasting in the Ultra High Frequency Band and is designated by the Federal Communications Commission as UHF Television Channel No. 37; and

WHEREAS, this channel is unoccupied at this time by any television stations within the United States, except for an experimental station at Camden, N.J., licensed to the Radio Corporation of America; and

WHEREAS, the effective and efficient use of the Radio Telescope requires a high degree of protection from terrestrial radiations and it is, consequently, advisable to petition the Federal Communications Commission to afford such protection by reserving the radio frequency band 608-614 megacycles to radio astronomy on a nation-wide basis;

Therefore, Be It Resolved, that the President of the University, through such agents or officials as he may designate, is hereby empowered and authorized to retain the law firm of Bingham, Collins, Porter, and Kistler of Washington, D.C., to represent the University in the matter of filing and prosecuting a Petition before the Federal Communications Commission requesting that Agency to amend or modify its existing Rules and Regulations so as to provide protection to the University's Radio Telescope by ruling that no license shall be issued for a television station, or any other class or type of radio station, operating or proposing to operate within the radio frequency band 608-614 megacycles. Provided, however, that the fees to be charged by the said law firm shall, in the opinion of the President, be fair and reasonable.

On motion of Mr. Hughes, 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. Williamson; no, none; absent, Mr. Herrick, Mr. Stratton, Mr. Wilkins.

PURCHASE OF ELECTRIC POWER

(14) Because of the freeze of state capital appropriations for 1959-61, a turbine generator scheduled for completion in 1961 can not be available prior to 1963. It is estimated that there will be a deficiency of 780 kilowatts of power in the summer of 1960, and over 2,300 kilowatts by the summer of 1962, so that it will be necessary to purchase power from the Illinois Power Company. The most economical arrangement is to purchase a 2,340 kilowatt block of power from a new substation in the vicinity of Florida Avenue and the Illinois Central Railroad.

To secure the lowest rates, it is necessary to contract for a minimum period of five years. Capital costs for this service will amount to \$9,200, and the annual cost of power will be \$33,000 greater than if the equivalent amount of power were generated at the Abbott Power Plant.

The Director of the Physical Plant and the Vice-President and Comptroller

recommend authorization of a contract with the Illinois Power Company for purchase of power, as indicated above, and subject to availability of funds; an increase of \$33,000 in the operating budget of the Physical Plant and a non-recurring appropriation of \$9,200 for the capital costs.

I concur.

On motion of Mr. Swain, 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.

DEAN WILLIAM V. LAMBERT

At this point President Henry presented Dean William V. Lambert of the University of Nebraska who has been appointed University of Illinois Adviser to the Vice-Chancellor of the Uttar Pradesh Agricultural University, Rudrapur, U.P., in India, who spoke briefly on the opportunities he envisages in this position.

CONTRACT FOR CONSTRUCTION OF BUILDINGS FOR ANIMAL SCIENCE

(15) The Director of the Agricultural Experiment Station, the Director of the Physical Plant, and the Vice-President and Comptroller recommend authorization of the construction of two more buildings for the Agricultural Experiment Station's animal breeding and physiological research project at an estimated cost of \$15,300 under the standing, cost-plus contracts authorized by the Board of Trustees for minor construction and remodeling work.

Funds are available in the grant of \$200,000 received by the University from the Moorman Manufacturing Company, Quincy, for a special research project in animal breeding. Most of this money will be used to construct twenty-one buildings for the housing of experimental swine, sheep, and cattle for physiological research. These small agricultural buildings can be constructed from sketches prepared by the Department of Agricultural Engineering, thus saving the time and expense of preparing detailed drawings and specifications, and the facilities are being constructed as the experiment proceeds and according to the requirements of the research project and it is recommended that these buildings also be constructed under the cost-plus contracts in effect at the time a project is started.

The Board has authorized previous construction work for this project under the University's standing contracts which are awarded annually on the basis of competitive bids.

I concur.

On motion of Mr. Hughes, authority was given, as requested.

CONTRACT FOR REPAIRING ILLINOIS SURGICAL INSTITUTE FOR CHILDREN BUILDING

(16) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$5,220 to Wolfes-Jensen and Company, Inc., Chicago, the lowest bidder, for masonry repairs to the Illinois Surgical Institute for Children Building at 905 South Wolcott Street, Chicago, which is one of the units of the Research and Educational Hospitals.

The work will include removal of loose brick and cut stone, parapet walls and their replacement. Due to weathering, portions of the building have deteriorated, and the repairs are necessary not only to restore the building but to eliminate hazards of falling stone and brick.

Funds are available in the Physical Plant Department budget.

I concur.

On motion of Mrs. Watkins, this contract was awarded, as recommended.

CONTRACT FOR LANDSCAPING AT CHICAGO PROFESSIONAL COLLEGES

(17) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$3,525 to Clauss Brothers, Inc., Chicago, the

only bidder, for landscaping of the Laundry Building area at the Chicago Professional Colleges.

The work will consist of placing top soil, seeding, and planting of trees and shrubs, all to be provided by the contractor.

Funds are available in the Laundry Building construction account.

I concur.

On motion of Mr. Harewood, this contract was awarded, as recommended.

ADDITION TO CONTRACT FOR LABORATORY EQUIPMENT AT CHICAGO PROFESSIONAL COLLEGES

(18) The Business Manager of the Chicago Professional Colleges and the Vice-President and Comptroller recommend an increase of \$8,386 in a \$43,087.57 contract with the Kewaunee Manufacturing Company, Adrian, Michigan, for the fabrication and installation of laboratory equipment in the Medical Research Laboratory at the Chicago Professional Colleges.

The contract includes laboratory furniture and equipment for the virology laboratory. In this laboratory, dealing with contagious diseases, it is necessary to provide every precaution for the protection of personnel and to guard against the spread of contamination to other areas. There have been very recent developments, subsequent to the execution of the contract, in the design and fabrication of such equipment which provide greater safety factors. Accordingly, installation of six items of laboratory furniture and equipment for the virology laboratory has been held up until it could be ascertained if changes in the laboratory furniture could be made which would enable research workers to work with dangerous micro-organisms with a very high degree of safety to themselves and other personnel. The Kewaunee Manufacturing Company has offered to take the furniture back to its plant to make the necessary changes at an increase in contract indicated.

Three other leading manufacturers of laboratory equipment, two of whom bid on the original installation, were consulted to check the price quoted by Kewaunee. All three companies recommended that the work be done by the manufacturer of the original equipment, and that they would prefer not to bid on the revisions since this would result in a higher cost to the University, their estimates ranging from \$12,000 up.

Funds are available in the construction account for the Medical Research Laboratory which includes a federal grant under the Medical Research Facilities Act.

I recommend approval.

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

HOSPITAL-MEDICAL-SURGICAL INSURANCE FOR STUDENTS AND STAFF

(19) On June 23, 1959, the Board of Trustees authorized contracts with the Federal Life Insurance Company, Chicago, for hospital-medical-surgical insurance for students and staff at Urbana and at the Chicago Undergraduate Division. The rates are guaranteed for a two-year period but the benefits were guaranteed for one year, 1959-60, subject to negotiation. In lieu of adjusting the benefits, the Company has proposed the following adjustment in premiums for 1960-61, leaving the benefits the same:

	<i>Present</i>	<i>Increase</i>	<i>Proposed</i>
Student plan, Urbana, per semester	\$ 7.18	\$0.32	\$ 7.50
Student plan, Chicago, per semester	6.60	0.15	6.75
Staff plan, per year			
Employee	29.46	2.79	32.25
Employee and one dependent	56.50	2.75	59.25
Employee and two or more dependents	66.90	2.35	69.25

The proposed rates are all substantially lower than those submitted by the second lowest bidder a year ago.

The only change in benefits proposed is the addition to both student plans

of accidental death and dismemberment benefits up to \$3,000 in connection with loss incurred while off campus. Students are now required to purchase this coverage individually at a rate of 25 cents per day for all University field trips. This coverage will save students approximately \$1,500 a semester and will relieve the faculty members in charge of field trips of the chore of checking on insurance coverage of all students concerned.

The increases in premiums are reasonable on the basis of the Company's experience this year, since the benefits paid by the Company thus far are running ahead of the premiums paid by the University. No changes will be necessary in the amounts charged to students or staff; the difference between the charges and the insurance premiums is still sufficient to cover administrative costs.

After consultation with student and faculty groups, the Vice-President in charge of the Chicago Professional Colleges recommends that students be required to participate in the student insurance plan and that the staff plan be made available to the Chicago Professional Colleges staff on a voluntary basis; and that a student fee of \$6.00 per quarter be charged all students enrolled in the Chicago Professional Colleges. Students who have equivalent insurance coverage may secure exemption from the fee as at the other campuses. Optional coverage may be provided for a student's wife for an additional \$9.00 per quarter and for children at an additional \$6.00 per quarter each. Coverage during the summer quarter will be optional at the same rates.

The Company will add the Chicago Professional staff coverage at the same rate and provide the same benefits as the Urbana staff plan. The student plan will provide the same benefits as the Chicago Undergraduate Division plan, which are higher than the Urbana benefits. The premium will be \$5.05 per quarter for a student, \$7.31 additional for a spouse, and \$5.21 for one or more children.

I concur.

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

PURCHASES

Purchases Authorized

(20) The following purchases were authorized by the Executive Committee of the Board of Trustees on recommendation of the Director of Purchases, the Vice-President and Comptroller, and with the concurrence of the President of the University.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Two sets components of high frequency direction finder AN/GRD.501 consisting of: RF tuner and first mixer, IF amplifiers and second mixers, local oscillators, panels, monitor units, cables, servo amplifier, power supplies (remote and local), fine frequency indicator, spectrum generator, frequency meter amplifier, fine amplifier, and 400 cps transformer unit	Electrical Engineering	General Precision Industries Ltd., Montreal, P.Q., Canada	\$41 801 20 f.o.b. Granby, P.Q., Canada
One laboratory unit for producing printed circuit boards—end to end construction	Electrical Engineering	Electralab Printed Electronics Corp., Needham Heights, Mass.	3 929 15 f.o.b. delivered
One spectrophotometer, infrared, recording, double monochromator, automatic recording spectra from 650 to 4000 cm^{-1} , with resolution 0.3 cm^{-1} ; complete with accessories; less trade-in of obsolete and defective IR2A spectrophotometer	Food Technology	Beckman Instruments, Inc., Chicago	14 428 00 f.o.b. delivered and installed

The following purchases were authorized by the President on the recommendation of the Director of Purchases and the Vice-President and Comptroller.

Labor and material to resurface six Library tennis courts	Physical Education for Men	Champaign Asphalt Co., Champaign	6 600 00 f.o.b. job site
50 feet columbium rod $\frac{3}{16}$ in. o.d. $\pm .010$	Theoretical and Applied Mechanics	Fansteel Metallurgical Corp., North Chicago	3 406 08 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>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One Antlab antenna model support tower system, complete, including: model support tower with modified mast support arm, coaxial rotary joint and synchro system for azimuth and head; four-wheel cart; tower drive control system; three position indicators; two cable assemblies; and mast assembly including mast, torque tube, base, and head	Electrical Engineering Research	Antlab, Inc., Worthington, Ohio	7 410 00 f.o.b. delivered
One Midwestern Instruments model 621-VT 140-channel direct recording oscillograph complete with timing lines, rack mount adapter, longitudinal grid lines, trace identification, positive step switch speed selector, 14 galvanometers, and 10 rolls 6 in. x 100 ft. paper	Electrical Engineering	Midwestern Instruments, Inc., Tulsa, Okla.	6 334 00 f.o.b. delivered
Eighteen animal cages made to order	Electrical Engineering Research	Schroeder & Sons Co., Kenwood	5 576 78 f.o.b. delivered
One glass-blowing lathe complete with motor and controls	Coordinated Science Laboratory	Litton Engineering Laboratories, Grass Valley, Calif.	3 816 55
Three lapped balanced balls	Coordinated Science Laboratory	Professional Instruments Co., Minneapolis, Minn.	9 000 00 f.o.b. delivered
One model 1108 Heiland direct recording visicorder oscillograph 24 channels, DC to 5000 cps. Two model M-1000 galvanometers One model M-3300 galvanometer	Electrical Engineering	Minneapolis-Honeywell Regulator Co., Peoria	5 116 25 delivered
1000 hours of engineering services to redesign electronic systems used in neurosonic surgery	Electrical Engineering	Lechner Manufacturing Co., Champaign	7 000 00
Additional consulting engineering services, general and detailed supervision and inspection of the work performed by the sub-contractor in connection with construction of facilities for the radio telescope project	Electrical Engineering	Hanson, Collins, & Rice, Springfield	5 000 00
One homogenizer and accessories, with operating capacity of 80 to 250 gallons per hour and maximum operating pressure of 8000 p.s.i. for processing dairy products	Food Technology	Manton-Gaulin Manufacturing Co., Inc., Everett, Mass.	7 427 00 f.o.b. delivered
One ultracentrifuge, preparative type, with four rotors for speeds of 59,000, 94,000, 105,000, and 142,000 times gravity, 208-volt 3-phase, 60-cycle	Food Technology	Spinco Division, Beckman Instruments, Inc., Palo Alto, Calif.	7 935 00 f.o.b. delivered
One model 2758 Rubicon six-dial thermo-free potentiometer	Physics	Minneapolis-Honeywell Regulator Co., Peoria	3 510 00 f.o.b. Urbana
Two microscopes, research, with interchangeable nosepieces for five planapochromatic and apochromatic objectives, with optical accessories and photographic attachments	Zoology Physiology	W. H. Kessel & Co., Chicago	5 045 40 f.o.b. delivered and installed
One automatic liquid scintillation spectrometer	Biological Chemistry, Chicago Pro- fessional Colleges	Packard Instrument Co., Lyons	12 500 00 delivered
432 cases siliconized blood collection bottles	Blood Bank, Chicago	Cutter Laboratories, Chicago	3 317 76 delivered
Twelve pressure transducers	Pharmacology, College of Medicine	Dynisco, Inc., Cambridge, Mass.	2 700 00 delivered
One polygraph consisting of six-channel cabinets, 25 driver amplifiers, 25 oscillographs, six signal markers, and 26 preamplifiers	Pharmacology, College of Medicine	Grass Instrument Co., Quincy, Mass.	18 936 00 net delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Four dual beam oscilloscopes	Pharmacology, College of Medicine	Tektronix, Inc., Park Ridge	\$ 3 383 64 delivered
Estimated quantities radio isotopes for use by the Isotope Laboratory during the period from July 1, 1960, through June 30, 1961	Radiology	Volk Radiochemical, Chicago	4 112 50 delivered
One blood cell counter, less trade-in allowance for one hemoglobin colorimeter	Research and Educational Hospitals	American Hospital Supply, Evanston	3 365 20 net, delivered
Estimated quantity of intravenous fluids and administration sets for use in Research and Educational Hospitals for the period July 1, 1960, through June 30, 1961, subject to renewal for one year by mutual agreement	Research and Educational Hospitals	Abbott Laboratories, Franklin Park	46 706 41
One surgical operating table with accessories	Research and Educational Hospitals	American Sterilizer Co., Chicago	2 693 00 delivered
Two motorized elevator files to hold 1,430 in. each of 3 x 5 cards	Research and Educational Hospitals	Diebold, Inc., Chicago	4 985 70 delivered and installed
One motorized elevator file to hold 1,950 in. each of 3 x 5 cards	Research and Educational Hospitals	Remington Rand, Inc., Chicago	3 714 20 delivered and installed
X-ray solution service for the year, beginning July 1, 1960	Various depart- ments, Chicago Professional Colleges	Donald J. McElroy, Inc., Chicago	4 462 60
One model SFD Flexowriter with edge card punch and reader and stand	Graduate College	Friden, Inc., Peoria Heights	4 510 00 f.o.b. delivered
One selectadata			
One electric tape winder			
One tape unwinder			
200 (approximately) uniforms for Advanced Army R.O.T.C. students	Military	Pettibone Brothers Manufacturing Co., Cincinnati, Ohio	31 006 30 f.o.b. delivered
75 (approximately) uniforms for Advanced Air Force R.O.T.C. students			
Purchase will be for actual number of students enrolled			
Printing and binding 1,500 copies (approximately 256 pages per copy) of <i>Italian Comedy in the Renaissance</i> by M. T. Herrick	University Press	Colonial Press, Inc., New York, N.Y.	3 079 35 f.o.b. delivered
4,000 copies <i>High School Mathematics</i> , Unit 5, Teacher's Edition, approximately 350 pages per copy	University Press	Braun-Brumfield, Inc., Ann Arbor, Mich.	8 086 00 delivered
4,000 copies <i>High School Mathematics</i> , Unit 6, Teacher's Edition, approximately 350 pages per copy			
16,000 copies <i>High School Mathematics</i> , Unit 5, Students' Edition	University Press	Waldemar Press Division, Indianapolis, Ind.	21 010 00 f.o.b. delivered
16,000 copies <i>High School Mathematics</i> , Unit 6, Students' Edition			
Printing and binding 1,000 copies of <i>Modern Land Policy</i> by Harold G. Halcrow	University Press	Colonial Press, Inc., New York, N.Y.	5 124 55 f.o.b. delivered
Lounge furniture for the Graduate Student Residence Hall	Housing Division	L. B. Herbst Corp., Chicago	8 006 00 f.o.b. Urbana
310 dual purpose sofa and bed combination units for the Graduate Student Residence Hall	Housing Division	Karoll's, Inc., Chicago	57 960 70 f.o.b. Miami, Fla.
145 dozen combination mattress pad and cover	Housing Division	Karoll's, Inc., Chicago	3 754 05 f.o.b. delivered
3,000 blankets, 64 in. x 90 in. 90 per cent wool, 10 per cent nylon, for Men's Residence Halls	Housing Division	Karoll's, Inc., Chicago	11 820 00 f.o.b. delivered
1,670 student study lamps and shades	Housing Division	Laurel Lamp Manufacturing Co., Inc., Newark, N.J. Lamps Excel Manufacturing Corp., Muncie, Indiana Shades	8 633 90 4 108 20 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
330 study lamps for single Graduate Student Residence Hall	Housing Division	Gilbert A. Force Co., Chicago	\$ 2 953 50 f.o.b. delivered
Triple plate flatware:	Housing Division	International Service Co., Chicago	6 503 00 f.o.b. delivered
330 dozen dinner knives			
350 dozen dinner forks			
40 dozen salad-dessert forks			
460 dozen teaspoons			
280 dozen dessert spoons			
For Central Food Stores			
220 dozen 9 1/4 in. dinner plates	Housing Division	E. A. Hinrichs & Co., Chicago	16 669 44 f.o.b. delivered
425 dozen 6 1/2 in. salad plates			
295 dozen 7 1/2 oz. cups			
295 dozen 5 3/4 in. tea saucers			
375 dozen 6 3/8 in. soup nappies			
425 dozen 5 in. sauce dishes			
22 dozen 10 oz. sugar bowls			
100 dozen 9 in. dinner plates			
15 dozen 11 oz. sugar bowls			
For Central Food Stores			
90 dozen 9 3/4 in. dinner plates	Housing Division	American China & Glassware Co., Chicago	5 322 75 f.o.b. delivered
80 dozen 6 1/2 in. salad plates			
100 dozen 4 3/8 in. fruit dishes			
100 dozen cups			
130 dozen 5 1/4 in. saucers			
140 dozen 12 oz. oatmeal bowls			
10 dozen 12 oz. sugar bowls with lids			
20 dozen 23 oz. gravy bowls			
15 dozen vegetable ovals			
20 dozen 8 oz. cream pitchers			
For Central Food Stores			
Shenango china:	Illini Union	Arthur Schiller & Son, Inc., Chicago	2 863 60 f.o.b. delivered
24 dozen 9 in. luncheon plates			
36 dozen 6 3/4 in. salad plates			
50 dozen 5 in. bread and butter plates			
100 dozen 4 3/8 in. vegetable dishes			
100 dozen 5 1/2 in. rolled edge saucers			
150 dozen coffee cups			
250 reams 58 lb. and 70 lb. colored offset paper	Office Supply Stores	Marquette Paper Corp., Chicago	2 607 92 f.o.b. delivered
15,460 reams white offset paper in various sizes and weights (estimated six to eight months' supply)	Office Supply Stores	J. W. Butler Paper Co., Chicago	17 758 19 f.o.b. delivered
1,000,000 No. 10 white wove envelopes with various imprints, in 24 lb. and 28 lb. weights to be delivered as required for delivery to Urbana and Chicago for the period July 1, 1960, through June 30, 1961	Various Departments, Urbana	Columbia Envelope Co., Melrose Park	4 019 50
20,000 reams 8 1/4 x 11 20 lb. white No. 4 sulphite spirit duplicator paper for shipment to Urbana and Chicago for delivery in June and November, 1960	Office Supply Stores	Decatur Paper House, Inc., Decatur Dwight Brothers Paper Co., Chicago	7 183 40 7 191 24
102 steel laundry carts	Physical Plant	Mills Hospital Supply, Chicago	12 757 14 delivered
93 ft. 8 in., schedule 40, 6 in., seamless pipe with insulation in 12 in. cast iron casing	Physical Plant	Ric-Wil, Inc., Barberton, Ohio	3 326 33 f.o.b. Barberton, Ohio
93 ft. 8 in., schedule 80, 3 in., seamless pipe with insulation in 6 in. cast iron casing			
160,000 liters (approximately) liquid nitrogen, high purity, 99.9 per cent pure; delivered into the University of Illinois liquid storage container in quantities not less than 600 liters each, as needed, between June 1, 1960, and June 30, 1961	Physical Plant	Linde Co., Division of Union Carbide Corp., Chicago	16 000 00 f.o.b. delivered
Seven four-door sedans	Physical Plant	Courtesy Motor Sales, Inc., Chicago (Ford)	
One four-door station wagon		Five sedans	4 140 00
To replace seven four-door sedans and one carryall in University fleet		Lawder Brothers, Inc., Chicago (Ford)	
		Two sedans	1 775 00
		Rogers Chevrolet Co., Rantoul	
		One station wagon	1 854 15 (7 769 15) f.o.b. Urbana

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 April 1 to April 30, 1960.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
California Spray-Chemical Corp.	Fungicides on diseases of apples and grapes	\$ 500 00	May 1, 1960
Corporation of Downers Grove, Illinois	Recreation and park survey	750 00	December 23, 1959
Illinois Archaeological Survey, Inc.	Preliminary archaeological site examination	3 064 70	April 21, 1960
Olin Mathieson Chemical Corp.	Compare ammonium phosphates with other sources of phosphate in banded and broadcast applications for corn	2 250 00	April 12, 1960
Ramo-Wooldridge Division, Thompson Ramo Wooldridge, Inc.	Producing high mass density beams of charged heavy particles suitable for use as the working fluid of a thrust producing device	11 195 00	February 1, 1960
United States Air Force AF 33(616)-7032	Absorbefacient surfaces for the 1000° F to 3500° F temperature range	17 887 00	March 1, 1960
United States Air Force AF 49(638)-819	Single dislocations in solids under static and dynamic conditions	128 200 00	March 1, 1960
United States Atomic Energy Commission AT (11-1)-878	Synthetic capacity of irradiated ciliates	13 127 00	April 21, 1960
United States Atomic Energy Commission AT (11-1)-883	Nature of catalysts, reactants, and extraneous materials in catalytic reduction reactions	12 800 00	April 14, 1960
United States Department of Health, Education, and Welfare, Office of Education	Language and area center in Russian	49 992 00	April 6, 1960

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
Lundell Manufacturing Co., Inc.	Lease of one offset chopper, one cornhead attachment, one 7.4 sheave, one hay conditioner attachment, and one automatic gauge kit	\$ 175 96 annually	March 15, 1960

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	Hailstorms in Illinois, estimating long-term loss costs	\$ 6 000 00	February 3, 1960
International Cooperation Administration ICAC-1220-1	Establish at Indian Institute of Technology, Kharagpur, West Bengal, teacher-training programs in engineering	20 000 00	April 11, 1960
United States Air Force AF 18(603)-62	High energy bunched electron beams	20 000 00	February 10, 1960
United States Air Force AF 33(616)-5486	Thermally stable polymers for high temperature aircraft application	50 000 00	February 1, 1960
United States Air Force AF 33(616)-6192	Elevated temperature resistant inorganic structural adhesives	40 000 00	March 1, 1960
United States Air Force AF 49(638)-371	Laws underlying human behavior in complex tasks	24 072 00	February 3, 1960
United States Air Force AF 49(638)-594	Meson photoproduction and meson interactions using a liquid	38 000 00	January 28, 1960
United States Army DA-11-022-ORD-1175	Alloys of the transition elements	22 497 00	February 19, 1960
United States Army DA-36-039-SC-78313	Microwave duplexer switching mechanisms	35 500 00	April 6, 1960
United States Atomic Energy Commission AT (11-1)-67 Project No. 4	Unclassified research in the field of radio chemistry	28 653 00	March 29, 1960
United States Atomic Energy Commission AT (11-1)-392	Obtaining one millimeter source of C.W. microwaves and associated components	55 000 00	April 7, 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)-706	Effect of phenol ethers on lesions of the skin produced by beta radiations	\$ 5 000 00	March 1, 1960
United States Navy Nonr-1244(00)	Initiation of training in military and disaster medicine	9 000 00	July 1, 1959
United States Navy Nonr-1459(02)	Thermal injury of the skin	66 635 00	March 9, 1960
United States Navy Nonr-1834(21)	Artificial intelligence computers	4 500 00	February 23, 1960
United States Navy NObs-77137	Fatigue behavior of welded HY80 at a stress calculated to provide failure at or between 10,000 cycles to 100,000 cycles	20 000 00	March 29, 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-three items; \$85.59 deduct to \$2,750.00	\$ 6 135 17	March and April, 1960

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(22) The Comptroller presented his quarterly report to the Board as of March 31, 1960.

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

UNIVERSITY POLICY ON CONSTRUCTION OF FAMILY HOUSING

(23) In January, 1956, the Board of Trustees approved a comprehensive program for the construction of student housing, including family housing. As stated in this program, the planning is subject to revision from time to time according to the needs of the University and the availability of adequate private housing in the community of Urbana-Champaign. Indeed, in 1958 these factors being taken into account the construction schedule was revised accordingly. Submitted herewith is a memorandum prepared by the Housing Division, giving the background of this subject and the changes which have been made since its adoption; a copy of this is being filed with the Secretary of the Board for record.

Recent questions raised by the Apartment Owners Association of Champaign-Urbana concerning the need for construction by the University of additional family housing have been answered in conferences with representatives of the Association. However, it is desirable that there be public understanding of the University's program and needs, and it is therefore recommended that the Board authorize the following policy statement.

1. The projected enrollments for the University at Urbana-Champaign indicate that there will be a continuing need for family housing facilities for students, faculty, and staff. Without additional housing, the University can not continue to grow at Urbana-Champaign.
2. If the facilities are to be available when needed, decisions for planning and construction must be based on projected enrollments.
3. The University's enrollment projections and estimated housing requirements are always available and plans will continue to be announced as soon as they are approved.
4. The University hopes that private builders in the community will continue to help provide suitable housing for faculty, staff, and married students.
5. The University's efforts will be directed toward providing married students' housing facilities meeting University conditions and requirements which are estimated to be unavailable elsewhere in the local community.
6. The final appraisal and decisions as to need, both present and projected, must be the responsibility of the Board of Trustees.

On motion of Mrs. Watkins, this statement of policy was approved.

RECOMMENDATIONS OF THE UNIVERSITY PATENT COMMITTEE

(24) 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. Radio direction-finding system — Albert D. Bailey, Professor of Electrical Engineering, inventor. The purpose of this invention is to provide a radio direction-finding system that will permit one to obtain the direction of arrival of a radio wave with an accuracy that is considerably better than that obtained with the conventional small aperture radio direction-finding systems. The system is basically a sum-and-difference radio interferometer technique together with the means for continuously calibrating the indicated data to arrive at an accurate estimate of the bearing and elevation angle-of-arrival of the incoming radio signal. The novel features are the conception of the complete system and the use of a calibrator to provide a means for obtaining an accurate estimate of the bearing and elevation angles of arrival of a radio wave.

The Committee concurs in the recommendation of the Head of the Department of Electrical Engineering that there is little or no commercial value and recommends that this invention be released to the sponsoring agency, the United States Army Signal Corps.

2. Radio direction finding using phase-locked oscillators — F. J. Wymer, Research Assistant in Electrical Engineering, inventor. The only new idea in this system is the use of phase-locked oscillators in radio direction-finding systems. Other techniques and components employed — the receivers, phase-locked oscillator, goniometer, phase-sensitive detector, and Adcock Antenna Array — are not novel.

The Committee concurs in the recommendation of the Head of the Electrical Engineering Department that there is little or no commercial value and recommends that this invention be released to the sponsoring agency, the United States Navy.

3. Log-periodic resonant-V arrays — Paul E. Mayes, Research Associate Professor of Electrical Engineering, and Robert L. Carrel, Research Assistant in Electrical Engineering, inventors. This is a broadband antenna which utilizes a directive element pattern as well as the array factor to achieve moderately high gains over an extended range of frequencies (ten to one or more in ratio). The antenna consists of linear elements which are connected to a parallel-wire feed line.

The Committee concurs in the recommendation of the Head of the Department of Electrical Engineering and the University of Illinois Foundation that there is definite possibility of commercial value and that this invention be released to the University of Illinois Foundation, recognizing the rights of the sponsoring agency, the United States Air Force.

4. New circularly polarized omnidirectional antenna — Paul E. Mayes, Research Associate Professor of Electrical Engineering, and John D. Dyson, Research Assistant Professor of Electrical Engineering, inventors. Since this type of log-spiral antenna retains the extremely wide frequency band-widths of the balanced, two-arm conical log-spiral antenna, it provides a major improvement over most of the narrow band omnidirectional, circularly polarized antennas presently in use. Successful operation over frequency ranges of 10 to 1 and more are possible as compared to the 2 to 1 or less range with former antennas.

The Committee recommends that, in view of definite possible commercial value, this invention be released to the University of Illinois Foundation, recognizing the rights of the sponsoring agency, the United States Air Force.

5. All channel TV and FM receiving antenna — Robert L. Carrel, Research Assistant in Electrical Engineering, and Paul E. Mayes, Associate Professor of Electrical Engineering, inventors. At present the television broadcasting spectrum is allocated in several bands which are widely dispersed in frequency. As a result it is now common practice to use several antennas in order to receive from several transmitting stations. There is no commercially available antenna which will perform well at all frequencies in the television broadcast bands. Utilizing the ideas covered in this patent it is possible to design an antenna which operates well over all of the television spectrum plus that used in FM broadcasting as well. Furthermore, the design described here uses the available antenna structure more effectively insofar as producing directive gain than would be possible when using

several narrow band antennas. Structurally, this antenna is no more complex than certain commercial models on the market at present.

The University of Illinois Foundation reports that it appears that this invention has a more direct commercial appeal than any of the other antenna inventions now held by them; and therefore, the University Patent Committee recommends that this invention be released to the University of Illinois Foundation with the stipulation that they recognize the contractual rights of the sponsoring agent, the United States Air Force.

I concur in these recommendations.

Mr. Clement stated that the Board's Committee on Patents has considered these recommendations, and he moved their approval. This motion was adopted.

REQUEST OF FAUCETT-UMPHREY CORPORATION

(25) The Faucett-Umphrey Corporation, Bloomfield, Indiana, was awarded a contract for \$189,448.10 for the manufacture of student room furniture (chairs, beds, and desks) for University residence halls. The Corporation having failed to submit an owners protective bond as stated in the contract, the Board of Trustees exercised its option of retaining the Corporation's bid deposit of \$7,500, as liquidated damages for failing to comply with contract requirements, and declaring the contract null and void.

The Faucett-Umphrey Corporation, by James R. Riley, its Executive Director, has asked the Board of Trustees to reconsider its action relative to retention of the bid deposit.

Following discussion of this request, the Vice-President and Comptroller was instructed to inform the Faucett-Umphrey Corporation that the Board does not see its way clear to granting this request.

STATUS OF ASSISTANT PROFESSOR LEO F. KOCH

(26) At the meeting of the Board of Trustees on April 20, 1960, I reported that on recommendation of the Executive Committee of the College of Liberal Arts and Sciences, Assistant Professor Leo F. Koch of the Division of General Studies was relieved of all University duties as of April 7, 1960, and that he was informed that his appointment will be terminated at the end of the current academic year 1959-60. He was officially notified of this action by a copy of the following letter addressed to Dean Lyle H. Lanier of the College of Liberal Arts and Sciences which was delivered personally to him by Dean Lanier acting for me.

April 7, 1960

DEAR DEAN LANIER:

I have your memorandum of April 7 reporting the deliberations of the Executive Committee of the College of Liberal Arts and Sciences concerning Assistant Professor Leo F. Koch. You report that Professor Koch's letter published in the *Daily Illini* on March 18, 1960, raised serious doubt as to his sense of academic responsibility and hence as to his further usefulness as a teacher in the College of Liberal Arts and Sciences.

I note that the Head of Professor Koch's Department, Professor James M. McCrimmon, in substance informed Professor Koch on March 25 that his letter constituted a breach of professional responsibility and in conference with Professor Koch condemned both the tone and much of the content of the letter.

I note further that it is the Executive Committee's view that Professor Koch's published letter constitutes a breach of academic responsibility so serious as to justify his being relieved of his University duties.

This memorandum is to record my concurrence in the recommendation of the Committee and to request you to relieve Professor Koch of his duties immediately. His appointment will be terminated at the University at the end of the current academic year.

With you, I consider Professor Koch's letter a grave breach of academic responsibility. The views expressed are offensive and repugnant, contrary to commonly accepted standards of morality and their public espousal may be interpreted

as encouragement of immoral behavior. It is clear that Mr. Koch's conduct has been prejudicial to the best interests of the University.

I request that you and Professor McCrimmon communicate this decision to Professor Koch.

DAVID D. HENRY
President

Mr. Koch has requested, and has been granted, a hearing of his case by the Board, the date of which should now be set; provided that the date of the hearing is no less than fifteen days from the date of receipt by him of the notice as required by the University Statutes.

I now recommend that the Board of Trustees terminate Assistant Professor Koch's appointment at the end of the current academic year 1959-60 on the basis of the charges stated in the foregoing letter to Dean Lanier which are predicated upon Mr. Koch's action in having published in the *Daily Illini* issue of March 18, 1960, the communication referred to in my letter to Dean Lanier and a copy of which is submitted herewith. I request the Board not to act on this recommendation, however, until after the hearing with Mr. Koch has been held.

Mr. Johnston moved that the hearing requested by Mr. Koch be held in the Illini Union Building, Urbana, Illinois, on Tuesday, June 14, 1960, the date fixed by the Board for its regular June meeting, beginning at 10:30 a.m.; that the hearing be open to accredited press representatives and to the public to the extent space permits; that the Director of Public Information be instructed to issue proper identification to one accredited correspondent from each newspaper, press association, radio or television station involved in coverage of the hearing; and that no cameras or mechanical recording devices be permitted in the room in which the hearing is conducted.

This motion was adopted.

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) change in 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.)

ADAMS, DONALD F., Instructor in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, academic year beginning September 1, 1960, \$2600 (5-3-60).

BABA, MINORU, Research Associate in Medicine (Medicine), six months from July 1, 1960, \$500 a month (5-3-60).

BARBER, DENNIS B., Instructor in Operative Dentistry (Dentistry), one year from September 1, 1960, \$7500 (4-14-60).

BARRETT, WILLIAM B., Instructor in Accountancy, $\frac{1}{2}$ time, academic year beginning September 1, 1960, \$2400 (4-7-60).

BAUMAN, STEVEN, Research Assistant in Mathematics, August 16-31, 1960, \$200 (4-26-60).

BECK, PAUL A., Professor of Physical Metallurgy, Department of Mining and Metallurgical Engineering (C), two months from June 16, 1960, \$1500 a month; this is in addition to his present appointment (5-3-60).

BECK, ROBERT J., Assistant in Physical Education for Men (Chicago Undergraduate Division), nine months from September 16, 1960, \$4200; this is in addition to \$500 he will receive from the Athletic Association for services rendered to it (4-26-60).

BERG, EDWIN W., Instructor in Economics (Chicago Undergraduate Division), academic year beginning September 1, 1960, \$6500 (4-26-60).

- BOKENKAMP, ROBERT W., Instructor in General Engineering (C), $\frac{4}{5}$ time, academic year beginning September 1, 1960, \$5800 (4-26-60).
- BOURGIN, DAVID G., Professor of Mathematics, June 16-August 24, 1960, \$3750; this is in addition to his present appointment (4-26-60).
- CAIRNS, STEWART S., Professor of Mathematics, June 16-August 24, 1960, \$3750; this is in addition to his present appointment (4-8-60).
- CHORDIKIAN, FILOR K., Research Assistant in Psychiatry (Medicine), March 21-August 31, 1960, \$366.66 a month, supersedes (4-26-60).
- CONNELL, BARBARA, Assistant to the Dean of Women, one month from July 1, 1960, \$400 (5-3-60).
- CRAWFORD, ROBERT B., Instructor in History, academic year beginning September 1, 1960, \$6500 (4-6-60).
- DE LONG, CHARLES C., Short-term Consultant in India, under Contract US ICAC-1258 with the International Cooperation Administration, beginning March 1, 1960, and continuing through five working days after departure from India, \$14,950 a year; regular salary to be charged again to budget position after returning from India; supersedes (4-6-60).
- DERUS, DAVID L., Instructor in English, academic year beginning September 1, 1960, \$5800 (4-6-60).
- DESCOUREUX, JAMES C., Assistant in Physical Education for Men (Chicago Undergraduate Division), nine months from September 16, 1960, \$4200; this is in addition to \$500 he will receive from the Athletic Association for services rendered to it (4-26-60).
- DHARMARAJAN, SANGIAH, Research Associate in Theoretical and Applied Mechanics (C), to render service on a $\frac{1}{2}$ time basis beginning September 16, 1959, through November 30, 1959; on a $\frac{3}{4}$ time basis beginning December 1, 1959, through January 31, 1960; and on a 70 per cent time basis beginning February 1, 1960, through June 15, 1960; salary for this service to be paid over a twelve-month period, \$3056 a year from September 1, 1959, through February 29, 1960, and \$3500 a year from March 1, 1960, through August 31, 1960, supersedes (4-6-60).
- DOBROVOLNY, JERRY S., Professor of General Engineering (C), two months from June 16, 1960, \$2222; this is in addition to his present appointment (5-3-60).
- DOYLE, JAMES M., Research Associate in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, academic year beginning September 1, 1960, \$2500 (4-26-60).
- EHRHARD, JEAN E., Visiting Professor of French, nine months from September 16, 1960, \$10,000 (previously here as Visiting Professor in 1958-59) (4-8-60).
- ELLIOTT, PETER R., Associate Professor of Physical Education for Men, 13/100 time, indefinite tenure from September 1, 1960, to render service during each academic year, \$2350 a year; this is in addition to his appointment and salary as Head Football Coach for which services he is paid by the Athletic Association (4-7-60).
- ENGANDELA, VICTOR J., Instructor in Medical Social Work (Medicine), July 1, 1960-August 31, 1961, \$6000 a year (5-3-60).
- FELTSKOG, ELMER N., Assistant in English, nine months from September 16, 1960, \$3800 (4-26-60).
- FREEMAN, HAL M., Instructor in Ophthalmology (Medicine), 85/100 time, one year from July 1, 1960, \$5400 (5-3-60).
- GARVER, THOMAS H., Assistant to the Director of the Krannert Art Museum and Instructor in Art, one year from September 1, 1960, \$7000 (4-26-60).
- GILLESPIE, ROBERT W., Instructor in Economics, academic year beginning September 1, 1960, \$7250 (4-7-60).
- GOLDSTEIN, MELVIN L., Instructor in Psychology, $\frac{2}{3}$ time, February 1-June 15, 1960, \$414.81 a month (4-14-60).
- GRIEST, GUINEVERE L., Instructor in English (Chicago Undergraduate Division), academic year beginning September 1, 1960, \$6400 (4-26-60).
- HEADINGS, PHILIP R., Instructor in English, academic year beginning September 1, 1960, \$6100 (4-6-60).
- HILL, JEAN, Assistant to the Dean of Women, one month from August 1, 1960, \$400 (5-3-60).
- HOCHBERG, ISIDOR, Physician in the Health Service (Chicago Professional Colleges), $\frac{1}{2}$ time, March 3-August 31, 1960, \$2200 a year (4-22-60).

- KITAGAWA, ISAO, Research Associate in Food Technology (S), one year from September 1, 1960, \$500 (4-26-60).
- KLEWER, KENNETH L., Research Assistant in Physics (C), June 16-August 31, 1960, \$422 a month (4-26-60).
- LANDWEHR, GOTTFRIED, Research Associate in Electrical Engineering (S), $\frac{1}{2}$ time, five months from April 1, 1960, \$270 a month (4-28-60).
- LARSON, BERNT O., Professor of General Engineering (C), June 16-July 31, 1960, \$1078 a month; this is in addition to his present appointment (5-3-60).
- LATHERAP, DONALD W., Instructor in Anthropology, two months from June 16, 1960, \$666.67 a month; this is in addition to his present appointment (5-3-60).
- LEE, BONG KUK, Research Assistant in Chemistry (Pharmacy), five months from April 1, 1960, \$400 a month (5-3-60).
- LEKAN, EUGENE C., Research Associate in Oral and Maxillofacial Surgery (Dentistry), $\frac{1}{2}$ time, five months from April 1, 1960, \$300 a month, supersedes his nonsalaried appointment (5-3-60).
- LESCHER, ALFRED J., Pharmacy Resident in Hospital Pharmacy (Research and Educational Hospitals) (Pharmacy), $\frac{1}{2}$ time, five months from April 1, 1960, \$125 a month; for the convenience of the University he will also receive room and board while on duty (4-26-60).
- LIM, YUNG KUO, Research Associate in Physics (C), one year from January 1, 1961, \$7000 (4-6-60).
- LINDBLAD, WILLIAM E., Assistant in English, nine months from September 16, 1960, \$4200 (4-26-60).
- LO PRIORE, VICTOR M., Clinical Instructor in Pediatrics (Medicine), five months from April 1, 1960, without salary (4-26-60).
- LUNN, HUEY N., Instructor in Accountancy, $\frac{1}{4}$ time, academic year beginning September 1, 1960, \$1200 (4-7-60).
- MARTIN, GORDON E., Instructor in General Engineering (C), June 16-July 31, 1960, \$700 a month; this is in addition to his present appointment (5-3-60).
- MEYER, FRANCIS A., Assistant in the Institute of Aviation, June 20-August 13, 1960, \$475 a month (4-26-60).
- MORRIS, CHARLES E., JR., Assistant in Mathematics, two months from June 16, 1960, \$800 (4-29-60).
- MUKHERJEE, SUPROKASH, Research Associate in Physics (C), one year from September 1, 1960, \$7000 (4-6-60).
- O'MEARA, EDWARD T., Research Assistant in Education Articulation (College of Education), $\frac{1}{2}$ time, and Assistant Coordinator of Admissions-Articulation (Office of Admissions and Records), $\frac{1}{2}$ time, one year from September 1, 1960, \$5000 (4-26-60).
- PATLOGAN, MRS. SYLVIA, Instructor in Foreign Languages (Chicago Undergraduate Division), $\frac{1}{2}$ time, academic year beginning September 1, 1960, \$3200 (4-26-60).
- PATTON, WILLARD T., Instructor in Electrical Engineering (C), five months from April 1, 1960, to render service during the second semester of the academic year, \$544.17 a month, supersedes (4-14-60).
- REINER, IRVING, Professor of Mathematics, June 16-August 24, 1960, \$2750; this is in addition to his present appointment (4-26-60).
- RICKETTS, BERNARD G., Professor of Metallurgical Engineering, Department of Mining and Metallurgical Engineering (C), two months from June 16, 1960, \$2088.88; this is in addition to his present appointment (5-3-60).
- ROBINSON, WILFRED K., Assistant in the Institute of Aviation, June 20-August 13, 1960, \$475 a month (4-26-60).
- ROSE, WALTER D., Professor of Petroleum Engineering, Department of Mining and Metallurgical Engineering (C), two months from June 16, 1960, \$1133.33 a month; this is in addition to his present appointment (5-3-60).
- RUBEL, LEE, Assistant Professor of Mathematics, June 16-August 24, 1960, \$1800; this is in addition to his present appointment (4-26-60).
- RUSSO, THOMAS F., Assistant in Physical Education for Men (Chicago Undergraduate Division), nine months from September 16, 1960, \$4200; this is in addition to \$500 he will receive from the Athletic Association for services to it (4-26-60).
- SACHS, DAVID, Instructor in Mathematics, academic year beginning September 1, 1960, \$7000 (4-13-60).

- SCHWARZ, ENRIQUE, Assistant Professor of Radiology (Medicine), $\frac{3}{4}$ time, April 4-August 31, 1960, \$812.50 a month, supersedes (4-26-60).
- SEYLER, EARL C., Short-term Consultant in India, under Contract US ICAC-1258 with the International Cooperation Administration, beginning March 1, 1960, and continuing until five working days after leaving India, \$16,445 a year; regular salary to be charged again to budget position after return from India; supersedes (4-6-60).
- SHUBERT, HARRY A., Research Assistant in Electrical Engineering (S), five months from April 1, 1960, \$425 a month, supersedes (4-26-60).
- SIDEBOTTOM, OMAR M., Professor of Theoretical and Applied Mechanics (C), $83\frac{1}{3}$ time, two months from June 16, 1960, \$888.89 a month; this is in addition to his present appointment (4-26-60).
- SILVERSTEIN, SETH D., Research Assistant in Physics (C), two months from July 1, 1960, \$404.44 a month, supersedes (5-3-60).
- SINGH, SHRI KRISHNA, Visiting Assistant Professor of Mathematics, academic year beginning September 1, 1960, \$7000 (4-13-60).
- STEINER, GAAR W., Assistant in the Institute of Aviation, June 20-August 13, 1960, \$475 a month (4-26-60).
- STIPPES, MARVIN C., Professor of Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, two months from June 16, 1960, \$500 a month; this is in addition to his present appointment (4-26-60).
- STREET, NORMAN, Professor of Petroleum Engineering, Department of Mining and Metallurgical Engineering (C), one month from June 16, 1960, \$1000; this is in addition to his present appointment (5-3-60).
- TUCKER, LEDYARD R., Professor of Psychology, indefinite tenure from September 1, 1960, to render service during each academic year, \$14,000 a year (4-8-60).
- VORBECK, JOSEPH F., Assistant in the Institute of Aviation, June 20-August 13, 1960, \$475 a month (4-26-60).
- WATADA, NORITAKA, Research Associate in Food Technology (S), July 1, 1960-August 31, 1961, \$5500 a year (4-26-60).
- WEMPNER, GERALD A., Visiting Associate Professor of Theoretical and Applied Mechanics (C), two months from July 1, 1960, \$833 a month (4-26-60).
- WETENKAMP, HARRY R., Professor of Theoretical and Applied Mechanics (C), two months from June 16, 1960, \$1000 a month; this is in addition to his present appointment (4-26-60).
- WHEATLEY, JAMES H., Instructor in English, academic year beginning September 1, 1960, \$5800 (4-6-60).
- WOGULIS, STANLEY G., JR., Research Assistant in Physics (C), two months from June 16, 1960, \$422 a month (4-26-60).
- WOLOSHIN, ARTHUR A., Instructor in Psychiatry (Medicine), $\frac{1}{2}$ time, five months from April 1, 1960, \$458.33 a month, supersedes his nonsalaried appointment (4-14-60).

GRADUATE FELLOWS

The following appointments made by the Dean of the Graduate College were approved on April 1, 1960, except where otherwise indicated in parentheses.

Accountancy

- BARBER, JOHN W., Fellow, nine months from September 16, 1960, \$1500.
- GALLIART, WILLARD H., Teaching Fellow, nine months from September 16, 1960, \$1000.
- POSZGAI, DALE G., Teaching Fellow, nine months from September 16, 1960, \$1000.
- TRINE, J. ARDEN, Teaching Fellow, nine months from September 16, 1960, \$1000.

Aeronautical Engineering

- KELLER, LEON C., Fellow, nine months from September 16, 1960, \$1500.
- STROM, CHARLES R., Engineering Faculty Development Teaching Fellow, one year from September 1, 1960, \$2000.
- THYSON, NOEL A., Fellow, nine months from September 16, 1960, \$1500.

Agricultural Economics

- COWLING, K. G., Fellow, nine months from September 16, 1960, \$1500.
- LANNER, SIXTUS, Wright Fellow, nine months from September 16, 1960, \$1500.
- TOMPKINS, WILLIAM A., Fellow, nine months from September 16, 1960, \$1500.

Agricultural Engineering

HUGGINS, LARRY F., Alfred P. Sloan Faculty Development Fellow, nine months from September 16, 1960, \$2400.

WELLS, GARY L., Hackett Fellow, nine months from September 16, 1960, \$1500.

Agronomy

CHERRY, JOE H., Wright Fellow, nine months from September 16, 1960, \$1500.

CHRISPEELS, MAARTEN J., Fellow, nine months from September 16, 1960, \$1500.

WATKINS, PHILLIP W., W. L. Burlison Fellow, nine months from September 16, 1960, \$2000.

WILDING, LAWRENCE P., Campbell Soup Company Fellow in Plant Sciences, nine months from September 16, 1960, \$2400 (4-18-60).

ZIESERL, JOHN F., JR., Fellow, nine months from September 16, 1960, \$2000.

Animal Science

BREIDENSTEIN, BLAINE B., Wright Fellow, nine months from September 16, 1960, \$1500.

CLINE, TILFORD R., Hackett Fellow, nine months from September 16, 1960, \$1500 (4-20-60).

Anthropology

NAGATA, SHUICHI, Fellow, nine months from September 16, 1960, \$1500.

Art

BUTLER, KENNETH J., Fellow, nine months from September 16, 1960, \$1500.

HUDSON, AGNES G., Fellow, nine months from September 16, 1960, \$1500.

LOVELL, MRS. ROSA L. E., Fellow, nine months from September 16, 1960, \$1500.

LOVELL, WILLIAM G., Fellow, nine months from September 16, 1960, \$1500.

Astronomy

ROEDER, ROBERT C., Fellow, nine months from September 16, 1960, \$2000.

Botany

ALLEN, RICHARD D., Fellow, nine months from September 16, 1960, \$1500.

KUMAR, HARDARSHAN, Fellow, nine months from September 16, 1960, \$1500.

LIBERTA, ANTHONY E., Teaching Fellow, nine months from September 16, 1960, \$1000.

UECKER, FRANCIS A., National Science Foundation Summer Fellow, June 16-August 11, 1960, \$600 (4-13-60).

Business Administration

BARKER, VICTOR G., Fellow, nine months from September 16, 1960, \$1500.

Ceramic Engineering

BAKER, ROBERT J., Teaching Fellow, nine months from September 16, 1960, \$1000.

Chemical Engineering

AYEN, RICHARD J., Dow Chemical Company Fellow, nine months from September 16, 1960, \$1700 (4-26-60).

BENTLEY, WILLIAM H., National Science Foundation Cooperative Fellow, one year from September 1, 1960, \$2200 (4-15-60).

BUEHL, WALTER M., JR., Shell Oil Company Fellow, nine months from September 16, 1960, \$1800.

EDWARDS, ARTHUR L., Fellow, September 16, 1960-January 31, 1961, \$825.

HARDING, JOHN W., Fellow, September 16, 1960-January 31, 1961, \$825.

KIRBY, DAVID B., National Science Foundation Cooperative Fellow, one year from June 16, 1960, \$2200 (4-15-60).

KRUSE, ROBERT L., Procter and Gamble Company Fellow, nine months from September 16, 1960, \$1800 (4-4-60).

MERSON, RICHARD L., Amoco Foundation Fellow, nine months from September 16, 1960, \$1800.

REISS, L. PHILIP, Monsanto Chemical Company Summer Fellow, two months from June 16, 1960, \$550 (4-20-60); and National Science Foundation Cooperative Fellow, one year from September 1, 1960, \$2200 (4-15-60).

- SHAW, PAUL V., Engineering Faculty Development Teaching Fellow, one year from September 1, 1960, \$2000 (4-5-60).
YATABE, JON M., Monsanto Chemical Company Fellow, nine months from September 16, 1960, \$1800 (4-26-60).
YOUNGQUIST, GORDON R., Minnesota Mining and Manufacturing Company Fellow, nine months from September 16, 1960, \$2000 (4-26-60).
ZAHNER, JOHN C., Fellow, nine months from September 16, 1960, \$2000.

Chemistry

- BECK, JAMES R., Gillette-Toni Fellow, September 16, 1960-January 31, 1961, \$1000.
BURTON, GILBERT W., National Science Foundation Summer Fellow, June 16-August 11, 1960, \$600 (4-14-60); and USI Fellow, nine months from September 16, 1960, \$1800.
CARLSON, C. G., Fellow, nine months from September 16, 1960, \$1500.
CARLSON, ROBERT L., National Science Foundation Cooperative Fellow, one year from September 1, 1960, \$2200 (4-15-60).
CLERON, VICTOR, National Science Foundation Cooperative Fellow, one year from September 1, 1960, \$2200 (4-15-60).
COX, CLIFFORD, Fellow, nine months from September 16, 1960, \$1650.
DE VRIES, DONALD L., National Science Foundation Summer Fellow, June 16-August 11, 1960, \$600 (4-14-60).
DEYRUP, JAMES A., National Science Foundation Cooperative Fellow, nine months from September 16, 1960, \$1650 (4-15-60).
DONOVAN, THOMAS A., Fellow, nine months from September 16, 1960, \$1500.
DUNN, JAMES E., Teaching Fellow, nine months from September 16, 1960, \$1000.
DYBVIIG, DOUGLAS H., National Science Foundation Summer Fellow, June 16-August 11, 1960, \$600 (4-14-60).
EYZAGUIRRE, JAIME, Fellow, nine months from September 16, 1960, \$1500.
FISHER, THOMAS H., Fellow, nine months from September 16, 1960, \$1650.
FOGHT, JAMES L., Fellow, nine months from September 16, 1960, \$1500.
FRIHAUF, EDWARD J., National Science Foundation Cooperative Fellow, one year from June 16, 1960, \$2200 (4-15-60).
GREEN, MELVIN H., National Science Foundation Cooperative Fellow, one year from June 16, 1960, \$2200 (4-15-60).
GUIRE, PATRICK E., Procter and Gamble Fellow, nine months from September 16, 1960, \$2100.
GUTMAN, DAVID, Fellow, nine months from September 16, 1960, \$1650.
HAYNES, LEROY W., National Science Foundation Summer Fellow, June 16-August 11, 1960, \$600 (4-14-60); and Fellow, September 16, 1960-January 31, 1961, \$750.
HAYNES, RAYMOND R., Standard Oil Company of California Fellow, nine months from September 16, 1960, \$2400.
HEINS, CONRAD F., Fellow, nine months from September 16, 1960, \$1500.
JOESTEN, MELVIN D., National Science Foundation Summer Fellow, June 16-August 11, 1960, \$600 (4-14-60); and Eastman Kodak Company Fellow, nine months from September 16, 1960, \$2500.
JOHNSON, CARL R., Lubrizol Foundation Fellow, nine months from September 16, 1960, \$2000.
JOHNSON, ROBERT P., Dow Chemical Company Fellow, nine months from September 16, 1960, \$1700.
KLEIN, RICHARD M., Fellow, nine months from September 16, 1960, \$1500.
KOKALIS, SOTER G., Ethyl Corporation Fellow, nine months from September 16, 1960, \$1900.
KOLKER, HAROLD J., National Science Foundation Cooperative Fellow, one year from June 16, 1960, \$2200 (4-15-60).
KONZ, MARVIN J., National Science Foundation Summer Fellow, June 16-August 11, 1960, \$600 (4-14-60); and Eli Lilly and Company Fellow, nine months from September 16, 1960, \$1700.
LARSON, JOHN G., National Science Foundation Cooperative Fellow, one year from June 16, 1960, \$2200 (4-15-60).
LYDY, DAVID, National Science Foundation Summer Fellow, June 16-August 11, 1960, \$600 (4-14-60); and National Science Foundation Cooperative Fellow, one year from September 1, 1960, \$2200 (4-15-60).

- MCCARTY, CHARLES G., National Science Foundation Cooperative Fellow, one year from June 16, 1960, \$2200 (4-15-60).
- McMURRAY, WALTER J., United States Rubber Company Foundation Post Graduate Fellow in Physical and Engineering Science, nine months from September 16, 1960, \$1800.
- MEEK, DEVON W., General Electric Foundation Fellow, nine months from September 16, 1960, \$1750.
- MOORE, HAROLD W., Phillips Petroleum Company Fellow, nine months from September 16, 1960, \$2000.
- NEALE, ROBERT S., National Science Foundation Summer Fellow, June 16-August 25, 1960, \$750 (4-14-60).
- PALMER, RICHARD A., Fellow, nine months from September 16, 1960, \$1650.
- RAFF, LIONEL M., Minnesota Mining and Manufacturing Company Fellow, nine months from September 16, 1960, \$2000.
- RHODES, YORKE E., JR., Rohm and Haas Fellow, nine months from September 16, 1960, \$1750.
- SCHULTZ, JOHN E., National Science Foundation Cooperative Fellow, one year from June 16, 1960, \$2200 (4-15-60).
- SHERMAN, EDWARD O., JR., National Science Foundation Summer Fellow, June 16-August 11, 1960, \$600 (4-14-60).
- SHIER, GEORGE D., Fellow, nine months from September 16, 1960, \$1650.
- SIMS, L. B., Teaching Fellow, nine months from September 16, 1960, \$1000.
- SPICER, LARRY, Fellow, nine months from September 16, 1960, \$1650.
- STEIGELMANN, EDWARD F., American Cyanamid Fellow, nine months from September 16, 1960, \$1800.
- SWOFFORD, HAROLD S., JR., National Science Foundation Summer Fellow, June 16-August 11, 1960, \$600 (4-14-60); and National Science Foundation Cooperative Fellow, one year from September 1, 1960, \$2200 (4-15-60).
- TEETS, DAVID W., National Science Foundation Cooperative Fellow, one year from June 16, 1960, \$2200 (4-15-60).
- TOREN, E. CLIFFORD, JR., Socony-Mobil Fellow, nine months from September 16, 1960, \$2000.
- UEBEL, JACOB J., Fellow, nine months from September 16, 1960, \$1500.
- UPPER, CHRISTEN D., National Science Foundation Cooperative Fellow, one year from June 16, 1960, \$2200 (4-15-60).
- WEDEGAERTNER, DONALD K., Union Carbide Plastics Company Fellow, nine months from September 16, 1960, \$2100.
- WEISGERBER, DAVID W., National Science Foundation Cooperative Fellow, nine months from September 16, 1960, \$1650 (4-15-60).
- WENZ, DONALD A., Fellow, September 16, 1960-January 31, 1961, \$750.
- WERNER, N. D., National Science Foundation Summer Fellow, June 16-August 11, 1960, \$600 (4-14-60); and National Science Foundation Cooperative Fellow, nine months from September 16, 1960, \$1650 (4-15-60).
- YETHON, ANDREW E., Sinclair Research Laboratories Fellow, nine months from September 16, 1960, \$1800.

Chicago Professional Colleges

- AKCASU, ALAEDDIN, Postdoctoral Upjohn Research Fellow, six months from April 1, 1960, \$500 a month (4-7-60).
- GRADY, LEE T., National Science Foundation Cooperative Fellow, one year from September 16, 1960, \$2200 (4-15-60).
- TURNER, FRED A., National Science Foundation Cooperative Fellow, one year from October 1, 1960, \$2200 (4-15-60).

Civil Engineering

- BEDSEEM, WILLIAM B., Esso Research and Engineering Company Fellow, nine months from September 16, 1960, \$1800.
- BEMBEN, STANLEY M., Engineering Faculty Development Teaching Fellow, one year from September 1, 1960, \$2000 (4-12-60).
- BURNS, NED H., California Oil Company Fellow, nine months from September 16, 1960, \$2000.
- CARLISLE, JOHN B., Fellow, nine months from September 16, 1960, \$1500.

- CHUANG, KUEN-PUO, Fellow, nine months from September 16, 1960, \$1500.
CORLEY, WILLIAM G., Fellow, nine months from September 16, 1960, \$1500.
DAI, PETER K., Fellow, nine months from September 16, 1960, \$1500.
DONNELLAN, B. A., Raymond Concrete Pile Company Fellow in Civil Engineering in Memorial to A. E. Cummings, nine months from September 16, 1960, \$1500.
DOWSE, BRIAN E. W., Fellow, nine months from September 16, 1960, \$1500.
HANLEY, JOHN T., Engineering Faculty Development Teaching Fellow, one year from September 1, 1960, \$1350 (4-11-60).
HARPER, GOIN N., Teaching Fellow, nine months from September 16, 1960, \$1000.
HARRIS, NEVILLE R., Fellow, nine months from September 16, 1960, \$1500.
HENDRON, ALFRED J., JR., Fellow, nine months from September 16, 1960, \$2000.
HERNESS, ERVIN D., Fellow, nine months from September 16, 1960, \$1500.
JONES, ROBERT M., National Science Foundation Cooperative Fellow, one year from June 1, 1960, \$2200 (4-15-60).
LAMB, JOHN H., JR., Engineering Faculty Development Teaching Fellow, September 16, 1960-January 31, 1961, \$666 (4-5-60).
MARCELLIS, JACK C., Automotive Safety Foundation Fellow in Highway Engineering, September 16, 1960-January 31, 1961, \$750.
MIKITKA, ROBERT W., Fellow, nine months from September 16, 1960, \$1500.
MUGA, BRUCE J., Teaching Fellow, nine months from September 16, 1960, \$1000.
MURAKAMI, MASASHI, Fellow, nine months from September 16, 1960, \$1500.
NORDELL, WILLIAM J., Fellow, nine months from September 16, 1960, \$1500.
PFRANG, E. O., Engineering Faculty Development Teaching Fellow, two months from June 16, 1960, \$395 (4-5-60); and nine months from September 16, 1960, \$1000 (4-5-60).
RODDA, ERROL D., Engineering Faculty Development Teaching Fellow, September 16, 1960-January 31, 1961, \$541 (4-4-60).
SHAW, WARREN A., Fellow, September 16, 1960-January 31, 1961, \$750.
SHIELDS, D. H., Fellow, nine months from September 16, 1960, \$1500.
SINGH, KRISHAN P., Fellow, nine months from September 16, 1960, \$1500.
SIRAPYAN, ARTIN N., Fellow, nine months from September 16, 1960, \$1500.
UMEMOTO, GILBERT A., Fellow, nine months from September 16, 1960, \$1500.
WIGGINS, JOHN H., JR., Fellow, nine months from September 16, 1960, \$1500.
WOODRING, RICHARD E., Engineering Faculty Development Teaching Fellow, one year from September 1, 1960, \$1500.
WORTH, EDWARD G., Engineering Faculty Development Teaching Fellow, September 16, 1960-January 31, 1961, \$175 (4-4-60).

Classics

- DIETZ, HANS P., Fellow, nine months from September 16, 1960, \$1500.

Communications

- CRUZ, NORA J., Fellow, nine months from September 16, 1960, \$1500.

Economics

- LEFTWICH, HOWARD M., Fellow, nine months from September 16, 1960, \$1500.
ONANIAN, EDWARD D., Fellow, nine months from September 16, 1960, \$1500.
RYDER, HARL E., JR., Teaching Fellow, nine months from September 16, 1960, \$1000.
SMITH, ROBERT F., Teaching Fellow, nine months from September 16, 1960, \$1000 (4-18-60).
WICKS, JOHN H., Fellow, nine months from September 16, 1960, \$1500.

Education

- AFRICK, DEANNA, Fellow, nine months from September 16, 1960, \$1500.
AUGER, FERRIS K., Fellow, nine months from September 16, 1960, \$1500.
FARRELL, BARBARA K., Fellow, nine months from September 16, 1960, \$1500.
FURUHATA, KAZUTAKA, Fellow, nine months from September 16, 1960, \$1500.
GOODWIN, WILLIAM L., Fellow, nine months from September 16, 1960, \$1500.
SANDERSON, PEGGY, Fellow, nine months from September 16, 1960, \$1500.
SHIBA, SUKEYORI, Fellow, nine months from September 16, 1960, \$1500.
SPENCLEY, KENNETH J., Fellow, nine months from September 16, 1960, \$1500.

Electrical Engineering

- AKITT, D. P., Fellow (Teaching Intern), nine months from September 16, 1960, \$2000.
- AUTH, LEO V., JR., Engineering Faculty Development Teaching Fellow, one year from September 1, 1960, \$1250 (4-5-60).
- BEULIGMANN, RAYMOND F., Engineering Faculty Development Teaching Fellow, nine months from September 16, 1960, \$1833 (4-4-60).
- BLACHFORD, CAMERON W., Engineering Faculty Development Teaching Fellow, one year from September 1, 1960, \$2000 (4-5-60).
- BOLES, WILLIAM D., Fellow (Teaching Intern), nine months from September 16, 1960, \$2000.
- DAVIS, DANIEL J., Fellow (Teaching Intern), nine months from September 16, 1960, \$2000.
- ELSEY, JOHN C., Bendix Aviation Corporation Teaching Fellow, nine months from September 16, 1960, \$3000.
- GHOSH, HITENDRA N., Teaching Fellow, nine months from September 16, 1960, \$1000 (4-7-60).
- HARADER, WAYNE R., Fellow (Teaching Intern), nine months from September 16, 1960, \$2600.
- HEDVIG, THOMAS I., Engineering Faculty Development Fellow, three months from September 1, 1960, \$333 (4-5-60).
- KESHORAM, AGGARWAL J., Fellow, nine months from September 16, 1960, \$1500.
- KLOCK, PAUL W., Engineering Faculty Development Teaching Fellow, September 16, 1960-January 31, 1961, \$801 (4-5-60).
- KORSH, JAMES F., Fellow (Teaching Intern), nine months from September 16, 1960, \$2000 (4-15-60).
- LYNK, CHARLES N., JR., Radio Corporation of America Fellow, nine months from September 16, 1960, \$2100 (4-25-60).
- MCGEE, W. F., Fellow, nine months from September 16, 1960, \$1500.
- MERKELO, HENRY, Fellow (Teaching Intern), nine months from September 16, 1960, \$2000.
- MUELLER, THOMAS E., General Electric Foundation Fellow, nine months from September 16, 1960, \$1750.
- PAGONES, MICHAEL J., Fellow, February 1-June 15, 1961, \$750.
- SCHNEIDER, JOHN M., Engineering Faculty Development Teaching Fellow, one year from September 1, 1960, \$2000 (4-11-60).
- SINNEMA, WILLIAM, Fellow (Teaching Intern), nine months from September 16, 1960, \$2000.
- TOEPFER, RICHARD E., JR., Engineering Faculty Development Teaching Fellow, September 16, 1960-January 31, 1961, \$657 (4-5-60).
- YASUI, TEIZO, Fellow, nine months from September 16, 1960, \$1500.

English

- ANDERSEN, SAYRE D., Teaching Fellow, nine months from September 16, 1960, \$1000.
- BAKER, LORIS S., Teaching Fellow, nine months from September 16, 1960, \$1000.
- CERNY, FRANCES B., Fellow, nine months from September 16, 1960, \$1500.
- COLACURCIO, MICHAEL J., JR., Fellow, nine months from September 16, 1960, \$2000.
- FRIEND, GEORGE L., Fellow, nine months from September 16, 1960, \$1500.
- GUFFEY, GEORGE R., Fellow, nine months from September 16, 1960, \$1500.
- HEAGARTY, MARY A., Teaching Fellow in English, nine months from September 16, 1960, \$1000.
- WALLACE, L. NADINE, Fellow, nine months from September 16, 1960, \$1500.
- WILFONG, ANNE E., Teaching Fellow, nine months from September 16, 1960, \$1000.

Entomology

- CUTTS, WILLIAM B., Teaching Fellow, nine months from September 16, 1960, \$1000.
- FRAEMBS, FRANK A., National Science Foundation Summer Fellow, June 16-August 11, 1960, \$600 (4-14-60); and Teaching Fellow, nine months from September 16, 1960, \$1000.
- HURLEY, RICHARD, Teaching Fellow, nine months from September 16, 1960, \$1000.
- RENSHAW, HAROLD W., Fellow, nine months from September 16, 1960, \$1500.

Finance

- PETERSON, DAVID E., Fellow, nine months from September 16, 1960, \$1500.
SUMMER, HARRY H., Illinois Consumer Finance Association Fellow, nine months from September 16, 1960, \$2000 (4-22-60).

Food Technology

- GROESCHEL, EDWARD C., JR., Wright Fellow, nine months from September 16, 1960, \$1500.
KIM, DONG H., Fellow, nine months from September 16, 1960, \$1500.
KIMURA, HIROSHI, Wright Fellow, nine months from September 16, 1960, \$1500 (4-18-60).
LEBEKMAN, KENNETH W., Fellow, nine months from September 16, 1960, \$1500.
SGOUTAS, DEMETRIOS, Fellow, nine months from September 16, 1960, \$1500.
WALKER, BRIAN L., Fellow, nine months from September 16, 1960, \$1500.

French

- McNAMARA, CAROLE A., Fellow, nine months from September 16, 1960, \$1500.
RIGGS, ROBERT M., Teaching Fellow, nine months from September 16, 1960, \$1500.
WOLIN, HELGA D., Teaching Fellow, nine months from September 16, 1960, \$1000.

Geography

- ARMSTRONG, RICHARD W., Fellow, nine months from September 16, 1960, \$1500.
McDONALD, JAMES R., Teaching Fellow, nine months from September 16, 1960, \$1000.

Geology

- BAKER, PETER E., Fellow, nine months from September 16, 1960, \$1500.
CARL, JAMES D., National Science Foundation Summer Fellow, June 16-August 11, 1960, \$600 (4-14-60); and Shell Companies Foundation Fellow, nine months from September 16, 1960, \$1800 (4-4-60).
COOGAN, ALAN H., Fellow, nine months from September 16, 1960, \$1500.
FARVOLDEN, ROBERT N., Fellow, nine months from September 16, 1960, \$2000.
GILMAN, RICHARD A., National Science Foundation Summer Fellow, June 16-September 8, 1960, \$900 (4-14-60).
GUBER, ALBERT L., National Science Foundation Summer Fellow, June 16-August 11, 1960, \$600 (4-14-60).
HAWLEY, JOHN W., Fellow, nine months from September 16, 1960, \$1500.
McGUIRE, ODELL S., Fellow, nine months from September 16, 1960, \$1500.
MONROE, EUGENE A., Illinois Clay Products Company Fellow, nine months from September 16, 1960, \$1700 (4-4-60).
NIEMANN, ROBERT L., Illinois Clay Products Company Fellow, nine months from September 16, 1960, \$1700.
PAGE, N. J., Fellow, nine months from September 16, 1960, \$2000.
PARIZEK, RICHARD B., National Science Foundation Cooperative Fellow, nine months from September 16, 1960, \$1650 (4-15-60).
RIGGS, ELLIOTT A., National Science Foundation Summer Fellow, June 16-September 8, 1960, \$900 (4-14-60).
TOTTEN, STANLEY M., Fellow, nine months from September 16, 1960, \$1500.
WILSON, WILLIAM E., III, Minneapolis-Honeywell Regulator Company Fellow, nine months from September 16, 1960, \$1800 (4-25-60).
WOLFF, ROGER G., National Lead Company (Baroid Division) Fellow, nine months from September 16, 1960, \$1500.

German

- ADAMS, NOEL (Miss), Fellow, nine months from September 16, 1960, \$1500.
BARTHEL, JOHN W., Fellow, nine months from September 16, 1960, \$1500.

History

- CADY, DARREL, Fellow, nine months from September 16, 1960, \$1500.
DAVIS, GEORGE C., JR., Fellow, nine months from September 16, 1960, \$1500.
HODGE, JOHN E., Fellow, nine months from September 16, 1960, \$1500.
KELLY, NAOMI M., Fellow, nine months from September 16, 1960, \$2000.
KELLY, THOMAS, Fellow, nine months from September 16, 1960, \$1500.
KING, PETER J., Teaching Fellow, nine months from September 16, 1960, \$1000.

PIERDOS, THEODORA A., Fellow, nine months from September 16, 1960, \$1500.
SKEHEN, MRS. DEBORAH H., Fellow, nine months from September 16, 1960, \$1500.
SPRUNGER, KEITH L., Fellow, nine months from September 16, 1960, \$1500.
STRICKLAND, ARVARH E., Fellow, nine months from September 16, 1960, \$1500.
WAKSTEIN, ALLEN M., Kendric C. Babcock Fellow, nine months from September 16, 1960, \$1800 (4-19-60).

Home Economics

ADAMS, MRS. RUBY, General Foods Fellow, nine months from September 16, 1960, \$3000.

Horticulture

CAPEL, RICHARD E., Fellow, nine months from September 16, 1960, \$1500.
LU, WEI-JUNE, Fellow, nine months from September 16, 1960, \$1500.
YUDA, JOSEPH E., Fellow, nine months from September 16, 1960, \$1500.

Italian

BREMNER, LUCILLE, Teaching Fellow, nine months from September 16, 1960, \$1000.
CANALE-PAROLA, MRS. THELMA, Fellow, nine months from September 16, 1960, \$1500.

Journalism

BROWN, ROGER L., Fellow, nine months from September 16, 1960, \$1500.

Library Science

BRIDGES, JUDITH A., Fellow, nine months from September 16, 1960, \$1500.
ENGEL, RHODA R., Fellow, nine months from September 16, 1960, \$1500.
POOL, JANE, Fellow, nine months from September 16, 1960, \$1500.
SMITH, DAVID A., Fellow, nine months from September 16, 1960, \$2000.

Management

JOHNSON, JERALD L., Fellow, nine months from September 16, 1960, \$1500.

Marketing

COFFEY, ROBERT E., Teaching Fellow in Business, nine months from September 16, 1960, \$1000.
FURUHASHI, YUSAKU I., Fellow in Business, September 16, 1960-January 31, 1961, \$750.
GIST, RONALD R., Teaching Fellow in Business, nine months from September 16, 1960, \$1000.
LANGE, IRENE L., Fellow, nine months from September 16, 1960, \$1500.
MCDIARMID, JOHN D., Fellow, nine months from September 16, 1960, \$1500.
PATINKIN, FLOYD E., Fellow, nine months from September 16, 1960, \$1500.

Mathematics

CHAKRAVARTI, RENU, Fellow, nine months from September 16, 1960, \$1650.
DEMARR, RALPH A., National Science Foundation Summer Fellow, June 16-September 8, 1960, \$900 (4-14-60).
GRAFF, GEORGE C., National Science Foundation Cooperative Fellow, one year from June 16, 1960, \$2200 (4-15-60).
GROSSMAN, MARVIN W., Fellow, nine months from September 16, 1960, \$1650.
LANGBERG, GEORGE, National Science Foundation Summer Fellow, June 16-August 11, 1960, \$600 (4-14-60).
LEAF, GARY K., National Science Foundation Summer Fellow, June 16-August 11, 1960, \$600 (4-14-60).
LEVY, LAWRENCE S., Teaching Fellow, nine months from September 16, 1960, \$1000.
MORAN, DANIEL A., National Science Foundation Cooperative Fellow, one year from September 1, 1960, \$2200 (4-15-60).
PAUL, E. M., Special Fellow, two months from April 1, 1960, \$400 (4-15-60).
PETERS, JOSEPH A., National Science Foundation Summer Fellow, June 16-August 11, 1960, \$600 (4-14-60).
RAO, CHIVUKULA R., Continental Oil Company Fellow, nine months from September 16, 1960, \$2200.

- ROBINSON, IRVINE J. W., Fellow, nine months from September 16, 1960, \$2000.
 ROSENKRANTZ, WALTER A., National Science Foundation Cooperative Fellow, nine months from September 16, 1960, \$1650 (4-15-60).
 RUSSELL, PETER B., Fellow, nine months from September 16, 1960, \$1650.
 SADAGURSKY, PAUL L., Fellow, nine months from September 16, 1960, \$1650.
 SISTER MADELINE SOPHIE DRUFENBROCK, O. S. F., National Science Foundation Cooperative Fellowship, one year from June 1, 1960, \$2200 (4-15-60).
 SKEATH, J. EDWARD, National Science Foundation Cooperative Fellow, nine months from September 16, 1960, \$1650 (4-15-60).

Mechanical Engineering

- ADDY, A. L., Fellow, nine months from September 16, 1960, \$1500.
 APPL, FRANKLIN J., Fellow (Teaching Intern), nine months from September 16, 1960, \$2000 (4-5-60).
 BUTLER, J. S., Fellow (Teaching Intern), nine months from September 16, 1960, \$2000.
 CLAUSING, ARTHUR M., National Science Foundation Cooperative Fellow, one year from September 1, 1960, \$2200 (4-15-60).
 FRENCH, JAMES L., Engineering Faculty Development Teaching Fellow, one year from September 1, 1960, \$1625 (4-5-60).
 GAITHER, ROBERT B., Engineering Faculty Development Teaching Fellow, one year from September 1, 1960, \$2000 (4-5-60).
 GILBERT, W. H., JR., Fellow (Teaching Intern), nine months from September 16, 1960, \$2000.
 GOLIK, RAYMOND J., Engineering Faculty Development Teaching Fellow, one year from September 1, 1960, \$2000.
 HELMBURG, RICHARD W., Fellow (Teaching Intern), nine months from September 16, 1960, \$3000.
 IHRIG, H. KARL, JR., Engineering Faculty Development Teaching Fellow, one year from September 1, 1960, \$1350.
 JONES, BARCLAY G., Fellow, nine months from September 16, 1960, \$2000.
 LAMB, JAMIE P., JR., Fellow, nine months from September 16, 1960, \$1500.
 LARSON, CARL S., National Science Foundation Summer Fellow, June 16-August 11, 1960, \$600 (4-14-60).
 McNARY, ROSS O., Fellow (Teaching Intern), nine months from September 16, 1960, \$2000.
 ROBERTS, VERNER L., Fellow (Teaching Intern), nine months from September 16, 1960, \$2600.
 WEDEKIND, GILBERT L., Fellow (Teaching Intern), nine months from September 16, 1960, \$2000.
 YELLIN, EDWARD L., Fellow (Teaching Intern), nine months from September 16, 1960, \$3000 (4-5-60).
 YOUNGBLOOD, WALLACE W., Fellow, nine months from September 16, 1960, \$1500.

Microbiology

- LEE, CHIN K., United States Public Health Service Fellow (Trainee), five months from April 1, 1960, \$1000 (4-18-60).

Mining and Metallurgical Engineering

- HEINS, ROBERT W., Engineering Faculty Development Teaching Fellow in Mining Engineering, one year from September 1, 1960, \$2000.
 MEYER, MARSHALL D., National Science Foundation Cooperative Fellow in Metallurgy, one year from September 16, 1960, \$2200 (4-15-60).
 RATTI, GIUSEPPE E., Fellow in Mining Engineering, nine months from September 16, 1960, \$2000.

Music

- BACH, JAN M., Teaching Fellow, nine months from September 16, 1960, \$1000.
 BOARDMAN, EUNICE L., Fellow, nine months from September 16, 1960, \$1500.
 BOTKIN, SANDRA E., Fellow, nine months from September 16, 1960, \$1500.
 CAVANAGH, GEORGE A., Fellow, nine months from September 16, 1960, \$1500.
 DEANE, DERRY, Teaching Fellow, nine months from September 16, 1960, \$1000.
 DRINKALL, ROGER, Fellow, nine months from September 16, 1960, \$1500.

FARISH, STEPHEN T., JR., Fellow, nine months from September 16, 1960, \$1500.
FINFGELD, MRS. CAROLYN A., Fellow, nine months from September 16, 1960, \$1500.
HEILES, WILLIAM H., Fellow, nine months from September 16, 1960, \$2000.
HOFFREN, JAMES, Fellow, nine months from September 16, 1960, \$1500.
MCWILLIAMS, BURR M., Fellow, nine months from September 16, 1960, \$1500.
WARD-STEINMAN, DAVID, Fellow, nine months from September 16, 1960, \$2000.

Nuclear Engineering

BAXTER, ALAN M., Fellow, nine months from September 16, 1960, \$1500.
HORNYIK, KARL, Fellow, nine months from September 16, 1960, \$1500.
McCORMICK, NORMAN J., National Science Foundation Cooperative Fellow, one year from September 1, 1960, \$2200 (4-15-60).

Philosophy

DAVIS, STEVEN, Fellow, nine months from September 16, 1960, \$1500.
WHITTIER, DUANE H., Fellow, nine months from September 16, 1960, \$2000.

Physical Education

WILKEY, SAM, Fellow, nine months from September 16, 1960, \$1500.

Physics

AHRENKIEL, RICHARD, National Science Foundation Cooperative Fellow, one year from June 1, 1960, \$2200 (4-15-60).
ALLEN, RICHARD R., National Science Foundation Cooperative Fellow, one year from September 1, 1960, \$2200 (4-19-60).
ANDERSON, GORDON W., Fellow (Teaching Intern), nine months from September 16, 1960, \$2000.
BLAKE, J. BERNARD, Raytheon Manufacturing Company Fellow, nine months from September 16, 1960, \$2000 (4-26-60).
FERNELIUS, NILS C., National Science Foundation Cooperative Fellow, one year from September 1, 1960, \$2200 (4-15-60).
FINNEMORE, DOUGLAS K., United States Steel Foundation Fellow, nine months from September 16, 1960, \$2600 (4-26-60).
FITCHEN, DOUGLAS B., International Business Machines Corporation Fellow, nine months from September 16, 1960, \$1800.
GARRELL, MARTIN H., National Science Foundation Cooperative Fellow, nine months from September 16, 1960, \$1650 (4-15-60).
GRAY, EDWARD R., Fellow, nine months from September 16, 1960, \$1650.
HALL, EDNA J., Fellow, nine months from September 16, 1960, \$1650.
HENRY, CHARLES H., Fellow, nine months from September 16, 1960, \$1650.
HILL, DENNIS M., Fellow, nine months from September 16, 1960, \$1650.
HOPKINS, DON C., Haloid Xerox Fellow, nine months from September 16, 1960, \$2000 (4-26-60).
MANGAN, JAMES M., Fellow, nine months from September 16, 1960, \$1650.
MATHEWS, WESLEY N., JR., National Science Foundation Cooperative Fellow, one year from September 16, 1960, \$2200 (4-15-60).
PROBST, FRANKLIN M., National Science Foundation Cooperative Fellow, nine months from September 16, 1960, \$1650 (4-15-60).
STEPHENS, STEPHEN V., Fellow, nine months from September 16, 1960, \$2000.
TIPPINS, HARRY H., JR., General Electric Foundation Fellow, nine months from September 16, 1960, \$2500 (4-26-60).
WALKER, ARTHUR B. C., JR., Corning Glass Works Foundation Fellow, nine months from September 16, 1960, \$2000 (4-26-60).

Physiology

BAGBY, ROLAND, National Science Foundation Cooperative Fellow, nine months from September 16, 1960, \$1650 (4-15-60).
DEGROAT, DRUSILLA A., Teaching Fellow, nine months from September 16, 1960, \$1000.

Political Science

ALLEN, KENNETH E., Charles E. Merriam Fellow, nine months from September 16, 1960, \$1800.

- BENNETT, T. J., James Wilford Garner Fellow, nine months from September 16, 1960, \$1800.
BERG, DARLA, James Wilford Garner Fellow, nine months from September 16, 1960, \$1800.
DOUGLAS, STEVE A., Fellow, nine months from September 16, 1960, \$1500.
GOODALL, LEONARD E., Fellow, nine months from September 16, 1960, \$2000.
KAWASAKI, HEIICHIRO, James Wilford Garner Fellow, nine months from September 16, 1960, \$1800.
KEBSCHULL, HARVEY G., Fellow, nine months from September 16, 1960, \$1500.
KITAJIMA, MRS. TAKAE, Fellow, nine months from September 16, 1960, \$1500.
RATLIFF, DAVID P., Fellow, nine months from September 16, 1960, \$1500.
SOKOLOV, ALVIN D., Kendric C. Babcock Fellow, nine months from September 16, 1960, \$1800.
SORENSEN, A. DON, Fellow, nine months from September 16, 1960, \$1500.
STEPHENSON, PATRICIA A., Fellow, nine months from September 16, 1960, \$1500.

Radio and Television

- RASBERRY, CHARLES L., Fellow, September 16, 1960-January 31, 1961, \$750.

Sociology

- PRYKE, R. W. S., Fellow, nine months from September 16, 1960, \$1500.
SUTTLES, GERALD D., Fellow, nine months from September 16, 1960, \$1500.

Spanish

- ALLEY, ETHEL H., Fellow, nine months from September 16, 1960, \$1500.
KIRBY, HARRY L., JR., Fellow, nine months from September 16, 1960, \$1500.
QUILTER, DANIEL E., Fellow, nine months from September 16, 1960, \$2000.
SIRACUSA, JOSEPH, Teaching Fellow, nine months from September 16, 1960, \$1000.
WALSH, JAMES L., Fellow, nine months from September 16, 1960, \$1500.

Speech

- HOOPS, RICHARD A., Fellow, nine months from September 16, 1960, \$1500.
ROBINSON, H. W., Teaching Fellow, nine months from September 16, 1960, \$1000.
ROSENFELD, SYLVIA A. S., Fellow, nine months from September 16, 1960, \$1500.
SLOAN, JOHN H., Fellow, nine months from September 16, 1960, \$1500.

Theoretical and Applied Mechanics

- CARLSON, DONALD E., National Science Foundation Cooperative Fellow, one year from June 1, 1960, \$2200 (4-15-60).
COOK, ROBERT D., Fellow, nine months from September 16, 1960, \$1500.
GUBSER, JOHN L., National Science Foundation Cooperative Fellow, one year from September 1, 1960, \$2200 (4-15-60).
HILL, JAMES L., Fellow (Teaching Intern), nine months from September 16, 1960, \$2000.
HULTGREN, RONALD O., Fellow, nine months from September 16, 1960, \$1500.
KEMP, E. L., Fellow, nine months from September 16, 1960, \$1500.
RAUSCH, PAUL J., Engineering Faculty Development Teaching Fellow, one year from September 1, 1960, \$2000.
SCHWIEBERT, PHILLIP, Teaching Fellow, February 1-June 15, 1961, \$500.
SLITER, GEORGE E., Fellow, nine months from September 16, 1960, \$1500.
THOMS, ROBERT L., Engineering Faculty Development Teaching Fellow, one year from September 1, 1960, \$800 (4-5-60).

Zoology

- BRANDON, RONALD A., National Science Foundation Cooperative Fellow, one year from September 1, 1960, \$2200 (4-15-60).
BRUNNER, ROBERT W., Fellow, nine months from September 16, 1960, \$1500.
CLARKE, RICHARD B., Fellow, nine months from September 16, 1960, \$1500.
FORSYTH, NANCY J., Fellow, nine months from September 16, 1960, \$2000.
LEHMANN, WILMA H., Fellow, nine months from September 16, 1960, \$1500.
MARKS, SUZANNE, Fellow, nine months from September 16, 1960, \$2000.
WALKER, ROSA A., Fellow, nine months from September 16, 1960, \$1500.
WILLIAMS, JOHN E., National Science Foundation Cooperative Fellow, one year from September 1, 1960, \$2200 (4-15-60).

RESIGNATIONS, DECLINATIONS, AND CANCELLATIONS

- AKCASU, ALAEDDIN, Research Associate in Pharmacology (Medicine) — resignation effective April 1, 1960.
- ANDERSON, WILLIAM R., Associate Professor of Physics (Chicago Undergraduate Division) (Summer Session of 1960) — declination effective June 20, 1960.
- ANNIS, NORMAN L., Instructor in Art — resignation effective September 1, 1960.
- BAUMAN, STEVEN, Assistant in Mathematics (Summer Session of 1960) — declination effective June 20, 1960.
- BOICE, LUBELLE, Fellow in Microbiology — resignation effective May 15, 1960.
- CECE, JOSEPH D., Assistant in Obstetrics and Gynecology (Medicine) — cancellation effective October 1, 1959.
- DOWD, CAROL C., Assistant in Occupational Therapy (Medicine) — resignation effective April 16, 1960.
- GALLAGHER, MRS. MARY T., Instructor in English (Chicago Undergraduate Division) — resignation effective September 1, 1960.
- GHOSH, ASOKE K., Assistant in Agronomy (S) — resignation effective May 1, 1960.
- GUILLEMIN, VICTOR, Professor of Biophysics, Department of Physiology (Medicine) and Biophysicist in the Aeromedical Laboratory — resignation effective September 15, 1960.
- HASHIMOTO, TATSUICHIRO, Research Associate in the Institution for Tuberculosis Research — resignation effective June 14, 1960.
- IRBY, H. E., Associate Professor of Civil Engineering, Civil Engineering Summer Surveying Camp (Summer Session of 1960) — declination effective July 25, 1960.
- KHACHATURIAN, NARBAY, Associate Professor of Civil Engineering (Summer Session of 1960) — declination effective June 20, 1960.
- KNOX, ROBERT S., Research Assistant Professor of Physics (S) — resignation effective July 1, 1960.
- KOPLIN, JULIUS O., Assistant Professor of Electrical Engineering (Summer Session of 1960) — declination effective June 20, 1960.
- LATHRAP, DONALD W., Instructor in Anthropology (Summer Session of 1960) — declination effective June 20, 1960.
- LEMBURG, WAYNE A., Instructor in Business Management — resignation effective June 1, 1960.
- LI, TING Y., Professor of Aeronautical Engineering (C) — declination effective September 1, 1960.
- MALTER, HENRY, Lecturer in Civil Engineering (Summer Session of 1960) — declination effective June 20, 1960.
- MAY, P. CONRAD, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges) — resignation effective April 1, 1960.
- MELOY, CARL R., Professor of Physical Sciences (Chicago Undergraduate Division) (Summer Session of 1960) — declination effective June 20, 1960.
- MYRICK, VESTA T., Resident Assistant, Arbor Suites — resignation effective April 15, 1960.
- NEWMARK, NATHAN M., Professor of Civil Engineering and Head of the Department (Summer Session of 1960) — declination effective June 20, 1960.
- OLIVER, WILLIAM A., Professor of Civil Engineering (Summer Session of 1960) — declination effective June 20, 1960.
- PATLOGAN, MRS. SYLVIA, Instructor in Foreign Languages (Chicago Undergraduate Division) — declination effective September 1, 1960.
- PETERS, JOSEPH A., Assistant in Mathematics (Summer Session of 1960) — declination effective June 20, 1960.
- ROBERTS, DONALD M., Assistant Professor of Mathematics (Summer Session of 1960) — declination effective June 20, 1960.
- SCHUMAIER, CLARENCE P., Assistant Professor of Agricultural Economics (S) — resignation effective May 9, 1960.
- SINGH, RAJINDER, Fellow in Mathematics — resignation effective April 16, 1960.
- STONE, CLARENCE W., Professor of Library Science — resignation effective September 1, 1960.
- TRIANDAFILIDIS, G. E., Instructor in Civil Engineering (Summer Session of 1960) — declination effective June 20, 1960.

- TSUNODA, EMIKO, Research Assistant in the Institution for Tuberculosis Research — resignation effective May 14, 1960.
- WEDDING, NUGENT, Professor of Marketing (Summer Session of 1960) — declination effective June 20, 1960.
- WHITE, CARLOS A., Research Assistant in Agricultural Entomology (Graduate College and Illinois Natural History Survey) — resignation effective May 20, 1960.
- WOOLEY, MRS. HELEN, Rare Book Room Assistant with rank of Instructor — resignation effective September 1, 1960.
- ZINGRONE, LOUISE D., Research Assistant in Economic Entomology (Illinois Natural History Survey and Graduate College) — resignation effective May 1, 1960.

LEAVES OF ABSENCE

- CHABOT, ANDRE, Instructor in Pediatrics (Medicine) — leave of absence, without pay, beginning May 14, 1960, and continuing through June 17, 1960.
- FLANAGAN, JOHN T., Professor of English — leave of absence, without pay, for the academic year beginning September 1, 1960, so that he may accept a Fulbright lectureship for services at the Universities of Brussels, Liege, and Ghent.
- FREYER, WARREN R., Instructor in English (Chicago Undergraduate Division) — leave of absence, with full pay, for the second semester of 1959-60, on account of disability.
- GRAMPP, WILLIAM D., Professor of Economics (Chicago Undergraduate Division) — leave of absence, without pay, for the academic year beginning September 1, 1960, so that he may accept a visiting appointment in the Department of Economics at City College in New York.
- HOCHMUTH, MARIE, Professor of Speech — leave of absence, without pay, for one year from September 1, 1960.
- KAUFMAN, JEROME L., Assistant Professor of Community Planning — leave of absence, without pay, beginning July 15 and continuing to August 15, 1960, for the purpose of travel abroad.
- LENG, EARL R., Professor of Agronomy, in the College of Agriculture and in the Agricultural Experiment Station — leave of absence, without pay, for six months from September 1, 1960, so that he may serve as Hybrid Maize Consultant in Yugoslavia. This is in addition to his sabbatical leave of absence.
- LEVINE, SOLOMON B., Associate Professor of Labor and Industrial Relations — leave of absence, without pay, for one month beginning July 1, 1960, so that he may teach in the Department of Economics at Pennsylvania State University during the summer session.
- LINSKY, LEONARD, Associate Professor of Philosophy — leave of absence, without pay, for one year from September 1, 1960.
- VOLPP, LOUIS D., Assistant Professor of Marketing — leave of absence, without pay, for the academic year 1960-61, so that he may serve as Visiting Associate Professor of Business Administration at the Amos Tuck School of Business Administration of Dartmouth College.
- VON NEUMANN, ROBERT A., Assistant Professor of Art — leave of absence, without pay, beginning May 1 and continuing through June 15, 1960, so that he may travel to Japan as a member of a four-man team under the auspices of the International Cooperation Administration to provide technical assistance to the Japanese handicraft industry.
- ZIMMERMAN, VERNON K., Associate Professor of Accountancy — leave of absence, without pay, for the academic year 1960-61, so that he may accept a Fulbright visiting lectureship at the Institute of Commerce in Vienna, Austria.

CHANGE IN SABBATICAL LEAVE OF ABSENCE

- MAPOTHER, DILLON E., Professor of Physics, in the College of Engineering — sabbatical leave of absence for the academic year beginning September 1, 1960, on one-half pay, instead of for the first semester on full pay and leave without pay during the second semester.

RETIREMENT

- WHEELER, MRS. DOROTHEA M., Pharmacy Reference Librarian, with rank of Instructor, *Emerita*, effective May 3, 1960.

JULY MEETING

On motion of Mrs. Watkins, the Board voted to hold its July meeting in Chicago, Illinois, on Tuesday, July 26, 1960, the hour 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

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

June 14, 1960



The June meeting of the Board of Trustees of the University of Illinois was held in the Illini Union Building, Urbana, Illinois, on Tuesday, June 14, 1960, beginning at 8:00 a.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. Kenney E. Williamson. Mr. George T. Wilkins was not present when the meeting convened but joined the Board later, as indicated in these minutes. Governor William G. Stratton was absent.

Also present were President David D. Henry, Vice-President and Provost Gordon N. Ray, Dr. H. E. Longenecker, 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, Mr. Joseph S. Begando, Assistant to the President, Dean Lyle H. Lanier of the College of Liberal Arts and Sciences and Vice-President and Provost-Elect, Professor Norman A. Parker, Chairman of the University Building Program Committee, Mr. Morris S. Kessler, Assistant Comptroller; and the officers of the Board, Mr. H. O. Farber, Comptroller, and Mr. A. J. Janata, Secretary.

MEETINGS OF COMMITTEES

Meetings of the Board's Committees on General Policy, Buildings and Grounds, and Finance were held on Monday evening, June 13, 1960, beginning at 8:00 p.m.

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 FOR 1960-61

(1) The University's internal operating budget for all divisions and funds for the fiscal year beginning July 1, 1960, for academic and administrative appointments beginning September 1, 1960, and for nonacademic personnel appointments beginning July 1, 1960, 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, 1960, 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 Nonacademic 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, provided that assignments for new projects or programs and for nonrecurring expenditures in excess of \$2,500 shall be presented to the Board for prior approval.

The complete budget for all divisions of the University, with a "Condensed Analysis and Summaries," was submitted to the Finance Committee and to other members of the Board of Trustees at a work session held on May 16 at which the budget was reviewed in detail in consultation with the President of the University and other University officials. Action was deferred, pending further study of the budget by the members of the Board.

At another meeting of the Finance Committee held on June 13, the Committee voted to concur in the recommendations of the President of the University.

Following presentation of the budget to the Board of Trustees and further review by the President, the Vice-President and Provost, and the Vice-President and Comptroller, on motion of Mr. Swain, the budget was adopted, the President of the University was authorized to take the actions specified in his presentation, and the necessary appropriations were made, as recommended. 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. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

The detailed budget appears as an appendix to these minutes on page 1407.

INTERNAL BUDGET OF THE ATHLETIC ASSOCIATION FOR 1960-61

(2) The Director of Intercollegiate Athletics submits, on behalf of the Board of Directors of the Athletic Association, the budget for the Association for 1960-61 which is summarized as follows with comparative figures for the preceding year:

	1959-60 (Revised)	1960-61
Income	\$1 179 200	\$1 179 915
Appropriations	1 300 365	1 175 585
Excess of income over appropriations	— 121 165	4 330

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. Herrick, Chairman of the Committee on Athletic Activities, seconded by Mr. Swain, Chairman of the Finance Committee, this budget was approved. A copy of the budget was filed with the Secretary for record.

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. WILLIAM K. ARCHER, Research Assistant Professor in the Institute of Communications Research, for five months from May 1, 1960, at a salary of \$4,166 (G).
2. SAMUEL T. JONES, Assistant Professor of Ophthalmology, in the College of Medicine, beginning May 1, 1960, at an annual salary of \$12,800 (DY).
3. EUGENE KOHLBECKER, Visiting Assistant Professor of Mathematics, for two months from June 16, 1960, at a salary of \$1,733 (G); and Visiting Assistant Professor of Mathematics, beginning September 1, 1960, at an annual salary of \$7,800 (D).
4. PIERSON J. VAN ALTEN, Assistant Professor of Anatomy, in the College of Medicine, beginning September 1, 1960, at an annual salary of \$8,000 (DY).

Appointment to Nonacademic Staff

The Director of Nonacademic Personnel reports the following appointment to a supervisory position of upper level responsibility.

1. JAMES E. RUSSELL, Routing Supervisor, Physical Plant Department, beginning May 1, 1960, at an annual salary of \$6,000.

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

APPOINTMENT OF THE DEAN OF THE COLLEGE OF LIBERAL ARTS AND SCIENCES

(4) Following the appointment of Dean Lyle H. Lanier of the College of Liberal Arts and Sciences as Vice-President and Provost of the University effective July 1, 1960, a special search committee¹ was appointed to make nominations for the deanship of the College.

The Committee has unanimously nominated Professor Jack W. Peltason of the Department of Political Science. The nomination is also endorsed by the Executive Committee of the College and is concurred in by the Vice-President and Provost and the Dean of the Graduate College.

Accordingly, I recommend the appointment of Jack W. Peltason as Professor of Political Science on indefinite tenure and Dean of the College of Liberal Arts and Sciences, beginning September 1, 1960, and continuing through August 31, 1961, at a salary of \$16,000 on "Y" basis.

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

APPOINTMENT OF DEAN OF DIVISION OF UNIVERSITY EXTENSION

(5) Following the death of Dean Robert B. Browne of the Division of University Extension last year, a special search committee² was appointed to make nomina-

¹Edward H. Davidson, Professor of English, Chairman; Herbert E. Carter, Professor of Biochemistry and Head of the Department of Chemistry and Chemical Engineering; Robert E. Johnson, Professor and Head of the Department of Physiology; Alan K. Laing, Professor and Chairman of the Department of Architecture; Clyde F. Snider, Professor and Chairman of the Department of Political Science; Chester G. Starr, Professor of History.

²Royden Dangerfield, Associate Provost and Dean of Administration, Chairman; G. M. Almy, Professor and Acting Head of the Department of Physics; H. W. Huegy, Professor and Head of the Department of Marketing; R. T. Odell, Professor of Soil Physics; R. W. Rogers, Professor and Head of the Department of English; C. W. Sanford, Dean of Admissions and Records; G. W. White, Professor and Head of the Department of Geology.

tions for the deanship of the Division. In the meantime, Dr. Stanley C. Robinson, Professor of Business Administration and Associate Dean of the Division, has been serving as its chief administrative officer.

The search committee has unanimously nominated Dr. Robinson for the deanship. The nomination is also endorsed by the Executive Committee of the Division and is concurred in by the Vice-President and Provost and the Dean of the Graduate College.

Accordingly, I recommend the appointment of Stanley C. Robinson as Professor of Business Administration on indefinite tenure and Dean of the Division of University Extension beginning July 1, 1960, and continuing through August 31, 1961, at an annual salary of \$15,000 on "Y" basis.

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

EXTENDED LEAVES FOR DISABILITY

(6) Prior to July 1, 1959, the University Retirement System provided that an employee was eligible for disability benefits immediately upon employment if the disability did not arise from a condition which existed on the day of employment, and after five years of service regardless of the cause of disability. An amendment of the Act creating the System, approved by the General Assembly effective July 1, 1959, provides that an employee is eligible for disability benefits immediately upon participation in the Retirement System if disability results from an accident, and after two years of service if disability results from illness.

This was an improvement in the System as a whole, but did result in a loss to certain employees employed prior to July 1, 1959, who have suffered disabilities prior to serving the minimum of two years now required. If the law had not been changed, these employees would have been entitled to disability benefits.

The Board of Trustees of the Retirement System has explored this fully to determine if it might pay these claims, but finds it can not legally do so. Therefore it is recommended that, during the transition period, the University extend its disability benefits by granting extended sick leave at half pay to the employee involved for the length of time the employee would have been entitled to such benefits if the Retirement System had not been amended.

I concur.

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

RENEWAL OF LEASES AT NAVY PIER FOR CHICAGO UNDERGRADUATE DIVISION

(7) The current leases with the city of Chicago for quarters at Navy Pier and the adjacent Drill Hall for the University of Illinois Chicago Undergraduate Division expired June 30, 1959. Negotiations with city of Chicago officials for renewal of these leases through the biennium of 1961-63 were initiated in the spring of 1959, and as a result of the discussions it was agreed that the University would prepare renewal documents with no changes in the provisions of the original leases executed in 1946, and renewed in 1954, except for (a) certain changes in the parking area which were agreed to in discussions, and (b) renewal providing for occupancy by the University for the biennium ending June 30, 1961, with the privilege on the part of the University to renew each of the leases for two successive periods of one year each, which would carry through to the period ending June 30, 1963.

The documents were delivered to city officials in June, 1959, for examination. There had been an indication that there might be further questions which city officials would want to discuss; and there was a delay due to the illness of the Port Director. The city returned the documents on May 19, 1960, stating that they were satisfactory and requesting that they be executed as quickly as possible so that the Port Director might place them before the meeting of the City Council early in June.

Since it was desirable to have the renewal of the leases in effect as soon as possible, the Vice-President and Comptroller executed the documents as requested by city officials.

I recommend that the Board of Trustees confirm the action thus taken and ratify the execution of the leases.

On motion of Mr. Clement, the actions taken were ratified by the

following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(8) The Committee on Nonrecurring Appropriations recommends 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. College of Agriculture
 - Department of Agronomy, remodeling toilet facilities at Agronomy South Farm\$ 3 000 00
 - Department of Animal Science, painting exterior surface and repairing windows of facilities at the Poultry Farm..... 4 400 00
 - Department of Forestry, alterations of space in Old Agronomy Storehouse for student laboratories..... 2 600 00
 - Department of Horticulture, remodeling Room 115, Horticulture Field Laboratory 4 000 00
 2. College of Education
 - Remodeling of storage space and classrooms into laboratories in University High School, and purchase of laboratory equipment.. 19 600 00
 - Remodeling classroom, and purchase of equipment..... 14 700 00
 - Exhaust hoods and equipment for chemistry, physics, and biology in University High School..... 15 700 00
 3. College of Liberal Arts and Sciences
 - Department of Geology, enclosing court in Natural History Building for graduate student research in geology..... 20 000 00
- Total.....\$84 000 00

The Vice-President and Provost recommends the following operating appropriation from the University General Reserve for 1960-61:

1. Department of Animal Science, for operating expenses of animal breeding research program (a \$200,000 grant for buildings for this program has been received from the Moorman Manufacturing Company of Quincy).....\$10 800 00
- 1 concur.

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

CONTRACTS FOR CONSTRUCTION OF ORCHARD DOWNS APARTMENTS

(9) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of contracts as follows for the construction of the first group of the Orchard Downs Apartments of 252 units for married students, in the area west of Race Street and south of the present Orchard Place Apartments at Orchard Street and Florida Avenue; the award in each case is to the lowest bidder:

General — Shapland Construction Company, Champaign.....	\$1 633 500	
Base bid	\$1 560 200	
Additive Alternates:		
For servicing all other construction contracts which will be assigned to the general contractor.....	23 650	
Ceramic tile floors in bathrooms instead of vinyl asbestos.....	5 850	
Construction of exterior concrete sidewalks and steps throughout the site.....	43 800	
Electrical — Art-O-Lite Company, Galesburg.....		167 632
Base bid	\$ 149 816	
Plus additive alternate for installation of site lighting for roads, parking areas, and sidewalks.....	17 816	

Plumbing — R. Hays Company, Inc., Champaign.....	169 848
Heating — Montefusco Heating, Peoria.....	87 920
Ventilating — Petry Roofing and Sheet Metal Company, Champaign...	14 921
Site Work and Outside Utilities — Kuhne-Simmons Company, Inc., Champaign.....	290 370
Base bid	\$ 292 470
Less deductive alternate for substitution of mechan- ical type joints for water mains instead of oakum and lead joints.....	— 2 100

Funds for this and the second unit of the residence hall for graduate students will be available from the proceeds of the sale of "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1960, Series A," bids on which are being received today. On the basis of the budget for this project, including the contracts being recommended herein, it can be completed within the estimated cost of \$3,850,000 contemplated by the financing.

Subject to completion of the financing, I concur in the recommendation for the awards of these contracts.

Submitted herewith is a report from the Physical Plant Department on the bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mrs. Watkins, 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. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

CONTRACTS FOR SANITARY SEWER AND AUXILIARY UTILITIES TO SERVICE ORCHARD DOWNS AREA

(10) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts for the construction and installation of sanitary sewer utilities — including a sewer outlet, lift station, force main, and intercepting sewer — to service the Orchard Downs area where the Orchard Downs Apartments for married students will be constructed and ultimately other buildings on the east side of the campus.

General — George S. Walker Plumbing and Heating, Inc., Decatur.....	\$326 790
Plumbing — George S. Walker Plumbing and Heating, Inc., Decatur....	12 618
Electrical (for Lift Station) — Champaign County Electric, Ogden.....	649
Lift Station (to be furnished at the site) — Zimmer and Francescon,	

Moline.....	13 147
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The award in each case is to the lowest bidder. Submitted herewith is a report from the Physical Plant Department on the bids received, a copy of which is being filed with the Secretary of the Board for record.

Funds will be available for this in the proceeds from the sale of "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1960, Series A," bids on which are being opened today.

I concur.

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

REPORTS BY VICE-PRESIDENT AND PROVOST RAY AND DEAN SANFORD

At this point, Vice-President and Provost Ray reported briefly on the prospective enrollment for the academic year for 1960-61 as indicated by the total number of permits to enter which have been issued to date. The number of applications being received indicates a greater increase in enrollment in 1960 than was previously estimated.

He called on Dr. C. W. Sanford, Dean of Admissions and Records,

who discussed the increases in enrollments in terms of the scholastic quality of students applying for admission to the University.

At this point, Mr. George T. Wilkins joined the meeting.

CONTRACTS FOR CONSTRUCTION OF RESIDENCE HALL FOR GRADUATE STUDENTS

(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 unit of a residence hall for graduate students on Green Street in Urbana to house 214 students; the award in each case is to the lowest bidder:

General — Johnson, Drake, and Piper, Inc., Terre Haute, Indiana..... \$628 600

This includes \$5,600 for servicing all other construction contracts which will be assigned to the general contractor.

Electrical — Knight Electric Company, Inc., Evansville, Indiana..... 52 160

Plumbing — George S. Walker Plumbing and Heating, Inc., Decatur.... 106 658

Heating — E. F. Shepler and Sons, Pekin..... 54 873

(Emanuel F., Robert W., Jack H., and Richard L. Shepler, a partnership)

Ventilating — Schroeder and Sons Company, Champaign..... 7 498

Funds for this and the Orchard Downs Apartments will be available from the proceeds of the sale of "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1960, Series A," bids on which are being received today.

Based on the budget prepared for this project, and including the contracts herein recommended, it can be completed within the estimated cost of \$1,150,000 contemplated in the financing.

Subject to completion of the financing, I concur in the recommendation for the awards of these contracts.

Submitted herewith is a report from the Physical Plant Department on the bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Johnston, 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. Stratton.

CONTRACT FOR TRANSFORMER VAULT AND SWITCHGEAR BUILDING AT THE CHICAGO PROFESSIONAL COLLEGES CAMPUS

(12) The Director of the Physical Plant and the Vice-President and Comptroller recommend the award of a contract for \$23,386 to R. V. Monahan Construction Company, Chicago, Illinois, the lowest bidder, for the construction of an addition to the Research and Educational Hospitals Building to house transformers and switchgear. This will be the first phase of work to improve the electrical services and to eliminate a serious overload in the first unit of the Dentistry-Medicine-Pharmacy Building.

Funds are available in the state capital appropriations to the University for 1959-61 and have been released by the Governor for this purpose.

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.

CONTRACT AND APPROPRIATIONS FOR DEVELOPMENT OF RECREATIONAL AREA

(13) The Director of the Physical Plant and the Vice-President and Comptroller recommend:

Authorization of the development of a recreational area — to include the construction of tennis courts, basketball practice courts, and a sidewalk along

Gregory Drive — in the area north of Stadium Drive and west of First Street for the use of students and staff. Part of this improvement is to replace the tennis courts at the corner of Fifth Street and Armory Avenue which will be the site of the Institute of Labor and Industrial Relations Building.

Award of a contract for \$39,230 to Champaign Asphalt Company, Champaign, for construction of tennis courts. The balance of the work will be done by the Physical Plant Department.

An assignment of \$27,000 from the General Reserve has already been made by the Board of Trustees for the relocation of the tennis courts and a supplementary assignment of \$50,000 is required for the completion of this project.

I concur in the recommendation for the award of the contract and recommend the assignment of the additional funds needed.

Submitted herewith is a report from the Physical Plant Department on the bids solicited, a copy of which is being filed with the Secretary of the Board for record. Although bids were solicited by advertisement, as required by law, and a number of contractors were specifically invited to submit bids, only the Champaign Asphalt Company did, its price being based on use of a special asphalt surfacing for the tennis courts.

On motion of Mr. Herrick, the contract was awarded and the recommended assignment of funds 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.

CONTRACTS FOR FUEL FOR THE CHICAGO UNDERGRADUATE DIVISION AND THE MEDICAL CENTER STEAM PLANT AT THE CHICAGO PROFESSIONAL COLLEGES

Coal for Medical Center Steam Plant

(14) 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 to be delivered to the Medical Center Steam Company plant, operated by the University, as required during the period September 1, 1960, to June 30, 1961, at a per ton cost of \$4.65, plus transportation of \$1.39, plus \$0.95 for handling, storage, and delivery, or a total estimated cost not to exceed \$293,580. 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. 6 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 1960-61 heating season, from the Jewett and Sowers Oil Company, 2580 Archer Avenue, Chicago 8, Illinois, the lowest bidder, at a price not to exceed \$0.0837 per gallon subject to adjustment in accordance with the posted price variations published in the "Oil Daily." On the basis of a guaranteed maximum price (\$0.0837 per gallon), the total cost of 8,000 gallons would not exceed \$669.60, and of 450,000 gallons, \$37,665.

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 380,000 gallons, for the 1960-61 heating season, from the Crerar Clinch

Coal Company, 3552 West Division Street, Chicago 51, Illinois, the lowest bidder, at a current price of \$0.0869 per gallon subject to adjustment in accordance with the posted price variations published in the "Oil Daily." On the basis of the price quoted and normal market fluctuations (market price of \$0.0940 as of May 24, 1960), the total cost for 380,000 gallons would not exceed \$35,720.

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 Mr. Clement, 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. Stratton.

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, Illinois, the lowest bidder, for plastering, plaster patching and repairing, and acoustical work during the fiscal year beginning July 1, 1960, 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, which will include \$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, unless the total cost is \$25 or less.

I concur.

On motion of Mr. Johnston, 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 FURNACE MAINTENANCE AND REPAIRS IN HOUSING UNITS

(16) The Director of Housing, the Director of the Physical Plant, and the Vice-President and Comptroller recommend award of a contract to J. R. Boers Heating Company, Champaign, the lowest bidder, for furnace maintenance and repair work in the individual housing units operated by the University at Urbana-Champaign. This contract is for the fiscal year beginning July 1, 1960, to provide for services as required, payments to be made at the following rates which are those in effect during the current fiscal year ending June 30, 1960:

Labor Rates	<i>Straight Time</i>	<i>Overtime</i>
Furnace Mechanic	\$2 00	\$3 00
Mechanic's Helper	1 40	2 20
Contractor's Fee		
For Labor.....		30 per cent
For Materials.....		30 per cent

Labor rates are subject to adjustment for changes in rates paid generally by the contractor to his workmen for similar work with right of cancellation of the contract reserved by the University if such changes do not meet with its approval.

Funds are available in the income of the Housing Division.

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 CONSULTING ARCHITECTURAL SERVICES

(17) The firm of Richardson, Severns, Scheeler, and Associates, Champaign, Illinois, has been employed by the University for architectural services on over-all

campus planning and as a consultant on various phases of the building program for several years. The current contract, which is on a cost-plus basis, expires August 1, 1960. The Director of the Physical Plant and the Vice-President and Comptroller recommend renewal of this contract for one year for the following assignments:

Chicago Professional Colleges

1. Continue studies on the 1959-61 campus planning, including revision and development of programs for various college and department areas.
2. Studies on sites for Library and multi-purpose building.
3. Promotional studies for future projects on which outside financing can be anticipated.

Estimated cost \$15,000. Funds are available in the appropriation "Architectural Studies for Future Buildings."

Urbana-Champaign

1. Completion of written report on the 1959-61 development plan.
2. Continuation of studies on the 1959-61 development plan, including revisions and the development of detailed programs for various college areas.
3. Studies on sites for an undergraduate library.
4. Promotional studies for future projects on which outside financing is anticipated.
5. Continuation and refinement of the general development plan beyond 1969.

Estimated cost \$19,000. Funds are available in the appropriation "Architectural Studies for Future Buildings."

Housing Program, Urbana-Champaign

1. Completion of consultant work on men's residence halls, third phase (SM3).
2. Completion of consultant work on women's residence halls, second phase (SW2).
3. Preliminary studies on future housing projects.

Estimated cost \$3,000. Funds are available for item 1 in the appropriation "Trust—Peabody Drive Equipment and Construction 1959C" and for items 2 and 3 in the appropriation "Future Construction Plans."

Miscellaneous

1. Participation in weekly planning meetings.
2. Consultant on planning and design for building projects on which the commissions have been assigned to others.
3. Other special consultant services as requested by the Physical Plant Department.

Estimated cost for item 1, \$7,000; for items 2 and 3, \$5,000. Funds are available for item 1 in the appropriation "Architectural Studies for Future Buildings." Funds will be available for items 2 and 3 in appropriations for the specific projects on which these services are desired.

Payments for these services will be based on itemized payroll costs, plus 100 per cent for the firm's overhead expenses and architect's fees, with the same hourly rate structure as in the present contract.

I recommend authorization of this contract and assignments of the funds as indicated.

On motion of Mr. Swain, this contract was awarded, and assignments of funds, as recommended, were authorized, by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton; not voting, Mr. Pogue.

CONTRACTS FOR MINOR BUILDING ALTERATIONS AND REPAIRS

(18) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of the following cost-plus contracts for minor building alterations, repairs, and construction during the fiscal year beginning July 1, 1960, the award in each case being to the lowest bidder on the basis of contractor's fees. These contracts are for work which would not justify the cost of preparing

separate drawings and specifications and the expense of separate bidding procedures on each project. It is a practice which the University has followed for a number of years.

General — English Brothers, Champaign.

Electrical — Brunkow Electric Company, Champaign.

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 — Schroeder and Sons Company, Champaign.

The work will be done only as ordered by the Physical Plant Department and will be paid for on the basis of the actual cost of each job plus the contractor's fees. A schedule of bids taken showing the percentages to be added for work to be executed under cost-plus contracts is attached, and a copy of this schedule is filed with the Secretary of the Board for record as the basis for the contract awards recommended. Awards of these contracts will require no assignment of funds at this time; each job will be covered by a contract change order charged against funds allocated for it.

I concur.

On motion of Mr. Johnston, 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. Stratton.

CHANGES IN TELEPHONE SYSTEM ON URBANA CAMPUS

(19) Telephone service on the Urbana campus is provided through an administrative system, which includes a central semi-automatically operated four-position switchboard located in the Illini Union serving approximately 3,200 telephones, and a residence hall system, which includes a central manually operated eight-position switchboard located in Clark House serving 2,185 telephones in individual student rooms in all the residence halls. The facilities of these systems will be inadequate by September, 1961. The areas in which the switchboards and equipment are now located are too small to permit expansion of the facilities needed to meet additional requests for telephone service. Expansion of the present system would require the construction of a new building of approximately 8,000 square feet at an estimated cost of \$200,000, plus installation of cable necessary to tie existing stations into the new switchboard location, and relocation of switchboard equipment in the new building. Such expansion would not improve the quality of service, nor would it provide space for unlimited expansion of the system in the future.

The Illinois Bell Telephone Company has offered to replace the present system with a single fully automatic system serving all University buildings, including the residence halls, which would reduce the amount of space required from 2,300 square feet to 200 square feet. This would release space for office and storage use in the Illini Union Building and Clark House. All the automatic equipment would be in a new building to be constructed by the Illinois Bell Telephone Company to serve the campus area, and would permit unlimited expansion of the system without the acquisition of more space by the University. The system would permit all University telephones to be reached directly by outside callers without the assistance of an operator, and all University telephone users could dial long distance or local points directly without the aid of an operator. University operators would be available, however, to complete incoming calls when such service is needed.

The operating costs of the automatic system would be slightly higher during the first two years than the costs resulting from an expansion of the present system; however, the large capital cost would be saved. After three years, the operating costs of the automatic system will be less than the costs of the present system expanded since fewer operators would be required.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that conversion to the fully automatic system be approved and that

the Comptroller be authorized to work out the necessary arrangements with the Illinois Bell Telephone Company.

I concur.

On motion of Mr. Swain this recommendation was approved.

AMENDMENT TO EASEMENT ACROSS ALLERTON FARMS

(20) The Board of Trustees has authorized an easement through one of the Allerton Farms for the construction of a pipe line by the Texas Illinois Natural Gas Pipeline Company. The Company's name has since been changed to the People's Gulf Coast Natural Gas Pipeline Company. The easement provides that the Company has the right, upon payment of an additional \$3.00 per rod, to construct a second pipe line.

The easement covers a tract of land seventy-five feet wide. The pipe line does not cross University property in a straight line, but bends about 10° near the river. The Company's plans include crossing the river at a point about two hundred feet west of the existing pipe line, which will require an amendment to the present right-of-way agreement.

The Dean of the College of Agriculture and Vice-President and Comptroller recommend that the right-of-way agreement be modified to provide for the location of the second pipe line within a seventy-five foot right-of-way across the west half of the southwest quarter of section fourteen, township eighteen north, range five east of the third principal meridian, north of the Sangamon River, being 37.5' on each side of the following described center line:

Beginning at a point of entrance on the center line of the Sangamon River, said point being a distance of 53.6' east of the west line of section 14 measured along the center line of the river, thence in a northeast direction at an entrance angle of 78° a distance of 494.8' to a point; thence left 10° 12' in a northerly direction a distance of 2230.8' to a point of exit, said point being 336.5' east of the NW corner SW-¼ section 14, containing in all an area of 4.69 acres more or less.

I concur.

On motion of Mr. Hughes, this change in the easement was authorized.

EASEMENTS TO ILLINOIS POWER COMPANY AND ILLINOIS BELL TELEPHONE COMPANY

(21) The Director of the Physical Plant and the Vice-President and Comptroller recommend that an easement be granted the Illinois Power Company in order to provide gas and electric service to the Orchard Downs Apartments, contracts for the construction of which are being recommended separately at today's meeting. They also recommend that an easement be granted to the Illinois Bell Telephone Company across University property at 201 West Pennsylvania Avenue, a residence used for staff housing, in order that the Company may install underground telephone cable serving properties in that area.

I concur and recommend the adoption of the following resolutions:

Resolution Authorizing Granting of Easement to Illinois Power Company Under and Through the Site of the Orchard Downs Housing Project

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:

A tract of land designated for the use of University of Illinois Orchard Downs Housing located north of George Huff Drive extended and west of South Race Street in the E $\frac{1}{2}$, NW $\frac{1}{4}$, Section 20, T19N, R9E, of the 3rd P.M., and being more fully described as follows:

Upon an easement comprising a strip of land 20.0 feet in width, the center line of which is a University water line and is described as follows:

Commencing at a point 270.33 feet west of the center line of Race Street and 548.67 feet north of the center line of George Huff Drive extended west; thence northeasterly 78.24 feet to a corner; thence northerly 170.00 feet to a corner; thence northwesterly 49.96 feet to a corner; thence northerly 230.33 feet to a corner; thence northwesterly 49.96 feet to a corner; thence westerly 92.00 feet to a corner; thence northerly 200.33 feet to a corner; thence easterly 115.33 feet to a corner; thence northeasterly 49.96 feet to a corner; thence northerly 284.33 feet to a corner; thence northwesterly 49.96 feet to a corner; thence westerly 166.33 feet to a corner; thence southerly 92.66 feet to a corner; thence westerly 137.00 feet to a corner; thence northerly 82.00 feet to a corner; thence northwesterly 49.99 feet to a corner; thence westerly 234.32 feet to a corner; thence southerly 61.85 feet to a corner; thence westerly 127.68 feet to a corner; thence southerly 57.33 feet to a corner; thence southeasterly 265.36 feet to a corner; thence southerly 169.15 feet to a corner; thence easterly 127.33 feet to a corner; thence southerly 188.00 feet to a corner; thence easterly 130.49 feet to a corner; thence southwestly 52.09 feet to a corner; thence southerly 169.33 feet to a corner; thence westerly 70.33 feet to a corner; thence southerly 184.83 feet to a corner; thence southeasterly 72.58 feet to a corner; thence easterly 564.00 feet to the place of beginning, and

Upon an easement comprising a strip of land 10.0 feet in width, the center line of which is described as follows:

Commencing at a point 840.0 feet west of the center line of Race Street and 1662.8 feet north of the center line of George Huff Drive extended west; thence northerly 80.0 feet to the junction with an existing gas pipeline, and

Upon an easement comprising a strip of land 10.0 feet in width, the center line of which is described as follows:

Commencing at a point 876.0 feet west of the center line of Race Street and 1586.0 feet north of the center line of George Huff Drive extended west; thence northeasterly 120.0 feet, more or less, to a point 864.0 feet west of the center line of Race Street, and 1702.0 feet north of the center line of George Huff Drive extended west, said point being the location of a power pole, and

Upon an easement comprising a strip of land 10.0 feet in width, the center line of which is described as follows:

Commencing at a point 764.0 feet west of the center line of Race Street and 1648.0 feet north of the center line of George Huff Drive extended west; thence northerly 20.0 feet, more or less, to a point 764.0 feet west of the center line of Race Street, and 1678.0 feet north of the center line of George Huff Drive extended west, said point being the location of a power pole, and

Upon an easement comprising a strip of land 10.0 feet in width, the center line of which is described as follows:

Commencing at a point 412.0 feet west of the center line of Race Street and 540.0 feet north of the center line of George Huff Drive extended west; thence southerly 110.0 feet, more or less, to a point 412.0 feet west of the center line of Race Street and 430.0 feet north of the center line of George Huff Drive extended west, and

Upon an easement comprising a strip of land 10.0 feet in width, the center line of which is described as follows:

Commencing at a point 500.0 feet west of the center line of Race Street and 540 feet north of the center line of George Huff Drive extended west; thence northerly a distance of 182.0 feet, more or less, to a point 500.0 feet west of the center line of Race Street and 722.0 feet north of the center line of George Huff Drive extended west, and

Upon an easement comprising a strip of land 10.0 feet in width, the center line of which is described as follows:

Commencing at a point 255.0 feet west of the center line of Race Street and 540.0 feet north of the center line of George Huff Drive extended west; thence easterly a distance of 225.0 feet to the west property line of Race Street; said point being 540.0 feet north of George Huff Drive extended west.

Resolution Authorizing Granting of Easement to Illinois Bell Telephone Company Over Property at 201 West Pennsylvania Avenue, Urbana, Illinois

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 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 cable. The right-of-way easement shall terminate ninety (90) days after the Grantee ceases to use said transmission line for rendition of service. The right-of-way easement shall be over the following-described property:

A strip of land having a maximum width of five (5) feet, the boundary of which is described as follows:

Situated in the State of Illinois, the County of Champaign, the City of Urbana, and being a part of the SW $\frac{1}{4}$ of Section 17, Township 19 North and Range 9 East of the Third Principal Meridian, and being also a part of Lot 1 of Block 1 of Hubbard Terrace, a Subdivision in Urbana, Illinois, as recorded in Plat Book D, Page 3 of the records of said County, and being more fully bounded and described as follows:

Beginning at the Southeast corner of said Lot 1; thence Northerly along the West property line of Race Street in the City of Urbana, a distance of 5.0 feet to a corner; thence Westerly along a line parallel to the South line of said Lot 1, a distance of 35.0 feet to a corner; thence Southerly along a line parallel to the West property line of Race Street, a distance of 2.0 feet to a corner; thence Westerly along a line parallel to the South line of said Lot 1, a distance of 22.49 feet to a corner in the West line of said Lot 1; thence Southerly along the West line of said Lot 1, a distance of 3.0 feet to the Southwest corner of said Lot 1; thence along the South line of said Lot 1, a distance of 57.44 feet to the place of beginning.

On motion of Mr. Clement, the foregoing resolutions were adopted.

GIFTS OF MR. AND MRS. HERMAN C. KRANNERT

(22) Mr. and Mrs. Herman C. Krannert of Indianapolis, whose generosity has made possible the Krannert Art Museum, have made an additional grant of \$62,000 from the Krannert Foundation to the University of Illinois Foundation to be used in the construction of the Museum. This brings the total grant from the Krannert Foundation for this project to \$300,000.

Mrs. Krannert has given securities to the University amounting to \$71,023.91 for the purchase of the painting, "Christ After the Flagellation," by Murillo. This will be a very important acquisition and will enhance the standard and character of the University's entire art collection. The painting has been purchased at a cost of \$68,000. Mrs. Krannert has requested that the remainder of the grant be added to the fund for the construction of the Museum.

I have written Mr. and Mrs. Krannert an appropriate acknowledgment of the gifts on behalf of the University and the Foundation.

This report was received for record.

THE JOHN WALLACE DALLENBACH FELLOWSHIP IN PSYCHOLOGY

(23) Dr. Karl M. Dallenbach of the Class of 1910 and Mrs. Dallenbach 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, while returning to England from a flight mission over France during World War II. This will be known as "The John Wallace Dallenbach Fellowship in Psychology."

They have made an initial gift of \$10,000 and plan to make additional contributions to the extent possible each year until the contributions, plus accrued interest, amount to \$50,000. The fund is to be invested and the interest added to the principal until the endowment can produce an income sufficient to provide an annual fellowship stipend at a level definitely above the average of those fellowships regularly offered by other departments of the University so that special distinction will attend the award.

The complete conditions of the award will be determined later, but in general the fellowship shall be awarded only to graduate students doing basic research in psychology and the particular fellow shall be selected by the Graduate College upon nomination by the Department of Psychology in accordance with the University's regular procedures for selecting candidates for endowed fellowships. No appointment shall be made for a period in excess of one academic year and no fellow shall be appointed more than once. The fellow shall not be required to teach or perform any other duty than to pursue a full program of graduate study and research but may have the opportunity of teaching part time if he wishes to do so.

I have accepted this offer with appropriate acknowledgments on behalf of the University.

This report was received for record.

AMENDMENT OF GENERAL RULES RELATING TO PURCHASES

(24) The General Rules Concerning University Organization and Procedure provide purchases amounting to \$2,500 or more shall be submitted to the Board of Trustees or its Executive Committee for prior approval unless in the opinion of the President of the University necessity requires immediate action in which case he shall act and report to the Board. This provision does not apply to the purchase of food products, grain, livestock, or to any other commodities as the Board may from time to time exempt.

Prior to the adoption of the present Rules which became effective January 1, 1958, the Board regulations required that purchases amounting to \$2,500 or more "made from general funds or non-itemized appropriations shall be submitted to the Board of Trustees or to the Executive Committee . . ." for approval. It had been determined that this former rule did not apply to equipment, materials, or commodities purchased for resale to students and others, even though the purchase amounted to more than \$2,500 in each case, since they were not charged against general funds or non-itemized appropriations and this practice has been continued under the present Rules.

In order to continue the practice which has been in effect, the Vice-President and Comptroller recommends that the Board authorize exemption from the requirement of advance approval by the Board of Trustees or its Executive Committee of purchases of items for resale to any parties other than a University department. This would not in any way modify the procedures applicable to purchases under the State Purchasing Act since all purchases of \$1,500 would continue to be subject to the sealed bidding requirement of the Act. The only change would be exempting such recommendations from specific Board approval and this would expedite the purchase of stocks of commodities such as textbooks and school supplies for the Illini Union Bookstore, newspapers, magazines, candy, tobacco products, and sundries for the Illini Union Building and the canteen operations in the residence halls, all of which are for resale to students and parties other than a University department.

I concur.

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

PURCHASES**Purchases Authorized**

(25) The following purchases were authorized by the Executive Committee of the Board of Trustees on recommendation of the Director of Purchases, the Vice-President and Comptroller and with the concurrence of the President of the University.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One curve and point plotting system composed of one each Moseley Model 4S autograf recorder, Model 42 digital translator including Model 41 serial entry keyboard, one Friden motorized tape reader including take-up and unwind reels for five-level tape, and one plug-in command recognition matrix less components	Electrical Engineering	F. L. Moseley Co., c/o Crossley Associates, Inc., Chicago	\$6 305 00 f.o.b. delivered
One self-contained air conditioning unit with two five-horsepower compressors	Physical Plant	The Trane Co., Peoria	2 788 00 f.o.b. delivered
One self-contained air conditioning unit with one three-horsepower compressor			
Three air-cooled condensers for above units			

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>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Testing services required in connection with the Illinois County Scholarship Testing Program	Admissions and Records	The Psychological Corp., New York, N.Y.	\$3 196 97
One transfer printer for student record posting and accessories	Admissions and Records	Addressograph-Multigraph Corp., Peoria	4 390 00 f.o.b. Cleveland, Ohio
80 drawing tables with fixed sloping top, 42 in. x 30 in. x 37 in. H (front)-41 in. H (rear)	Architecture	Brodhead-Garrett Co., Cleveland, Ohio	3 596 00 f.o.b. delivered
One monochrometer, grating type, grating to be blazed for maximum intensity in the region of 600 to 1000 mμ., range 3,000 to 10,000 angstroms	Botany	Chicago Apparatus Co., Chicago	2 580 00 f.o.b. delivered and installed
Furnish labor and materials to replace concrete floor in basement of laboratory on the site of the Department's antenna installations south of Bondville, Illinois	Electrical Engineering	E. H. Grothe, Tolono	2 550 00 f.o.b. job site
One lot of unitized laboratory furniture	Horticulture	E. H. Sheldon Equipment Co., St. Louis, Mo.	2 600 00 f.o.b. Urbana
One fermentor drive assembly with three fermentors, motor and control unit, three foam control units; for use in metabolic studies under controlled-submerged conditions of temperature, agitation, and aeration	Horticulture	New Brunswick Scientific Co., Inc., New Brunswick, N.J.	4 517 00 f.o.b. delivered
One refrigerated centrifuge, superspeed, 208 volts, 60 cycle	Microbiology	Ivan Sorvall, Inc., Norwalk, Conn.	2 965 00 f.o.b. delivered
Two rotors, high speed (one with 400 ml. batch capacity; one for 250 ml. bottles, with six adapters for GSA rotor)			
Radiation detection film badge service for the period July 1, 1960, through June 30, 1961: 3,380 beta-gamma film badges 130 beta-gamma finger badges 1,170 neutron-beta-gamma film badges	Physics	R. S. Landauer, Jr. & Co., Matteson	2 964 00 f.o.b. delivered
One compressor for nitrogen or helium gas, 400 PSI discharge pressure, complete with motor and accessories	Physics	Gardner-Denver Co., Quincy	2 565 33 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Three microscopes, compound, four objective 3.5X, 10X, 43X, 97X, with illuminator	Veterinary Medicine Zoology	A. S. LaPine & Co., Chicago	\$3 373.00 f.o.b. delivered
One microscope, stereo, magnifications 10.5X through 45X, with illuminator			
Four microscopes, stereo, with 10X, 15X, 20X, 30X, 40X, with illuminator			
Less trade-in of obsolete mechanical stage			
One plant growth chamber, complete with timer, programmer, humidity control, air filter, illumination VHO lamps, and temperature extended range	Biological Sciences (Chicago Undergraduate Division)	H. Reeve Angel & Co., New York, N.Y.	6 482.00 delivered
One spectrophotometer and accessories	Biochemistry (College of Medicine)	W. H. Kessel & Co., Chicago	4 400.00 delivered
One 15 in. bench lathe complete with motor and accessories	Medicine	R. K. LeBlond Machine Tool Co., Oak Park	6 040.23 delivered
One eight-channel electroencephalograph and console mounting table	Preventive Medicine	Pivan Engineering Co., Chicago	5 675.00 delivered
20,000 chloramphenicol 250 mg. capsules (approximately three month's supply)	Research and Educational Hospitals Pharmacy	Parke-Davis & Co., Skokie	4 998.00 delivered
64 tables and 280 chairs (replacement furniture for staff dining room in Research and Educational Hospitals)	Research and Educational Hospitals	Riha, Petersen, & Vail, Chicago	5 597.85 delivered
One three-projector spatial aerotriangulator and precise stereoplotter	Committee on Aerial Photography	O.M.I. Corp. of America, Alexandria, Va.	9 993.00 delivered
Furnish color photo-finishing services as requested for period of July 1, 1960, through June 30, 1961, including development of color films, Kodak duplication of color slides, and Kodak color prints and color enlargements from color transparencies	Photography	Erbers Camera Shop, Champaign	2 925.00 f.o.b. delivered
One complete series of 48 thirty-minute black and white 16 mm. genetics films	Audio-Visual Aids Service	McGraw-Hill Book Co., Inc., New York, N.Y.	4 100.00 f.o.b. delivered
Approximately 64,300 size 2 1/2 in. x 3 1/4 in. glossy prints of student ID cards	Security Office	Techniprint Film Laboratory, Champaign	2 507.70 f.o.b. delivered
Yearly affiliation fee for television programming service for period July 1, 1960, through June 30, 1961	Television- Motion Pictures	National Educational Television & Radio Center, New York, N.Y.	9 600.00 f.o.b. shipping point
Miscellaneous Kodak photographic films and papers as requested by various departments for the period July 1, 1960, through June 30, 1961	Various Departments, Urbana and Chicago	Watland, Inc., Chicago	27 070.54 f.o.b. delivered
Four "C" piccolos	University of Illinois Bands	School Music Service, Inc., Champaign	4 490.50 delivered
Three bass clarinets			
Five cornets			
Five double bass tubas			
Less trade-in allowance for two piccolos, three bass clarinets, five cornets, and five double bass tubas			
Print and bind 2,000 copies, approximately 288 pages per copy, <i>A History of the Weather Bureau</i> , by Donald R. Whitnah	University Press	Vail-Ballou Press, Inc., New York, N.Y.	3 883.60 f.o.b. delivered
Steel office furniture for the Central Food Stores warehouse as follows: 7 desks 5 tables 34 upholstered chairs 2 cabinets 3 bookcases 13 filing cabinets	Housing Division	All-Steel Equipment, Inc., Aurora	4 185.43 f.o.b. delivered
Two self-contained air-conditioning units, ten-ton capacity, with remote air-cooled condensers complete with all necessary controls	Housing Division	The Trane Co., Peoria	3 976.00 f.o.b. delivered
750 boxes (80 pieces per box) asphalt tile 9 x 9 x 1/4 in., color group C	Housing Division	Morton Floors, Inc., Chicago	3 427.50 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Reagent grade solvents to be ordered as required for the period of July 1, 1960, through June 30, 1961 as follows: 6,480 pounds ether 5,760 pints acetone 4,320 pints chloroform 6,000 pints methanol	General Chemical Stores	Mallinckrodt Chemical Works, St. Louis, Mo. For ether For chloroform J. T. Baker Chemical Co., Chicago For acetone For methanol	\$2 916 00 2 030 40 1 260 00 1 050 00 f.o.b. delivered
1,152 reams No. 4 sulphite bond paper in various sizes, weights, and colors (estimated six to eight months' supply)	Office Supply Stores	Graham Paper Co., St. Louis, Mo.	6 080 98 f.o.b. delivered
690,000 paper cups 25,000 lids for paper cups 10,000 pint containers with lids 6,000 food trays 70,000 napkins 50 cases waxed paper 60,000 plastic knives and forks 35,000 wooden spoons 40,000 sandwich bags 1,600,000 butterchips	Office Supply Stores	Crescent Paper Co., Champaign	7 587 95 f.o.b. delivered
Toilet tissue and paper towel requirements for Urbana and Chicago Departments for the period July 1, 1960, through June 30, 1961. Estimated quantities: 1,750 cases paper towels 4,200 cases toilet tissue	Physical Plant	North American Paper Co., Chicago	28 953 85 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	Jack Sheean, Bloomington	9 523 72 f.o.b. delivered
Lumber to be purchased as required for period of July 1, 1960, through December 31, 1961 (quantities are estimates only): 6,000 bd. ft. No. 3 spruce 23,000 bd. ft. construction grade fir 4,000 bd. ft. "C" select ponderosa pine 2,900 bd. ft. fir flooring	Physical Plant Storeroom	Hillcrest Lumber Co., Champaign	6 151 35 f.o.b. delivered
Approximately 1,385 sheets miscellaneous plywood as required for the period July 1, 1960, through December 31, 1961	Physical Plant Storeroom	Hillcrest Lumber Co., Champaign	5 817 59 f.o.b. delivered
Approximately 600 pieces of 6 in. x 8 in. x 6 ft. precast concrete curb	Physical Plant Storeroom	Martine Metal & Concrete Products, Champaign	3 528 00 f.o.b. delivered
30 standard four-door sedans Seven station wagons One special four-door sedan for police use Two pickup trucks, ¾ ton One suburban carryall These are to replace present vehicles in the University fleet with the exception of one of the pickup trucks which is additional equipment for use on a U.S. Public Health contract	Physical Plant Veterinary Medicine Zoology	Gregory Ford Co., Decatur Seven standard sedans Seven station wagons Courtesy Motor Sales, Inc., Chicago (Ford) Fifteen standard sedans One pickup truck Lawder Bros., Inc., Chicago (Ford) Two standard sedans University Ford Sales, Champaign Five standard sedans One special sedan Sullivan Chevrolet Co., Champaign One standard sedan One carryall Rogers Chevrolet Co., Rantoul One pickup truck Total	4 608 00 7 158 00 6 205 00 1 856 00 1 220 00 1 913 00 818 00 376 00 875 00 1 845 53 (26 874 53)

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

CHANGE IN POLICY ON PURCHASE OF MOTOR VEHICLES

(26) It is the practice of the University to replace motor vehicles in the University's fleet after they have been driven three years, or 45,000 miles, whichever occurs first.

The Vice-President and Comptroller reported that experiments with earlier trade-ins indicate that it may be more economical to replace motor vehicles annually, and in the purchases just authorized three of the passenger cars being purchased are to replace vehicles which have been in service for one year.

This report was received for record.

COMPTROLLER'S REPORT OF CONTRACTS

(27) The Comptroller's report of contracts executed during the period May 1 to 31, 1960.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
American Bird Products, Inc.	Epidemiology and control of psittacosis and psittacoid diseases	\$ 6 440 00	April 15, 1960
American Dairy Association	Protein-fat combining reactions in mixtures of protein with butterfat and other fats and oils during heating	5 000 00	April 4, 1960
Commonwealth Edison Co.	Prospectus for lime-pozzolan mixtures and lime stabilization of soils	5 700 00	May 16, 1960
Country Club Hills Playground and Recreation Board	Recreation and park survey	500 00	May 9, 1960
International Minerals & Chemical Corp.	Factors influencing the decomposition of rock phosphate in soils	2 000 00	March 31, 1960
Minneapolis-Honeywell Regulator Co.	Fellowship in engineering or physical sciences	2 500 00	May 10, 1960
State of Illinois State Housing Board	Factors and conditions affecting potential of land for recreation and other space uses	15 000 00	April 19, 1960
Steger, Village of	Recreation and park survey	500 00	March 7, 1960
United States Air Force AF 49(638)-880	Diffusion and imperfections in metals	20 000 00	March 28, 1960
United States Air Force AF 49(638)-882	Superconductivity and related theoretical problems of the solid state	34 156 00	April 7, 1960
United States Air Force AF 49(638)-896	Element abundances and stellar synthesis of elements	69 692 00	March 30, 1960
United States Army DA 36-039-SC-85122	Techniques for military applications	1 400 000 00	May 12, 1960
United States Atomic Energy Commission RCD 60-38	Personnel to attend the AEC-ASEE summer institute	2 299 00	May 6, 1960
United States Atomic Energy Commission AT(11-1)-890	Mechanism of radiation-induced addition of tritium to carbon-carbon double bonds	6 850 00	April 29, 1960
United States Atomic Energy Commission AT(11-1)-891	Chemical reactions of energetic atoms produced by nuclear recoil or by heterogeneous flash photolysis	7 667 00	April 29, 1960
United States Bureau of Public Roads CPR 11-7768	Behavior of welded flexural members fabricated of A-242 low alloy steel	15 000 00	July 1, 1959
United States Department of Agriculture	Information from farm families on their incomes, savings, and investments, including assets and debts	33 908 00	April 20, 1960
United States Department of Health, Education, and Welfare, Office of Education	Mass communications and popular conceptions of education	43 487 00	May 16, 1960
United States Department of Health, Education, and Welfare, Office of Vocational Rehabilitation	Conducting an institute on rehabilitation of the epileptic	10 400 00	February 23, 1960
United States Federal Aviation Agency	Establish a 120/240 volt, three-wire, single phase electric service in control tower building, University of Illinois Airport	375 23	November 1, 1959

Contract Changes

<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)-6283	Inorganic laminate matrix materials	\$44 640 00	March 4, 1960
United States Air Force AF 33(616)-6428	Analyzing principles of the mammalian auditory system	15 000 00	April 4, 1960
United States Army DA-11-022-ORD-1001	Conduction of electricity in solids	21 689 00	May 10, 1960
United States Army DA-11-022-ORD-2956	Development of polymers for use at high temperatures	10 500 00	May 16, 1960
United States Atomic Energy Commission AT(11-1)-758	Basic research relating to atomic energy	16 100 00	May 10, 1960
United States Atomic Energy Commission AT(11-1)-790	Ribonucleic acid in the accumulation of ions by plant cells	18 000 00	May 10, 1960
United States Navy Nonr-1834(12)	Properties of insulating solids	7 000 00	April 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)	Six items: \$2,238.90 deduct to \$1,900.00	\$ 388 90*	April and May, 1960

This report was received for record.

GIFT OF PAINTING FROM NATIONAL ACADEMY OF DESIGN

(28) The National Academy of Design, New York, New York, has recently offered the University a painting, "Wreck of the Sea Prince," by John C. Pellew. The Dean of the College of Fine and Applied Arts recommends acceptance as it would be a desirable addition to the University's art collections. The National Academy of Design required the execution of a formal agreement by the University and the adoption of the following resolution:

Resolved, That this institution hereby agrees with the NATIONAL ACADEMY OF DESIGN and with the NATIONAL COLLECTION OF FINE ARTS at Washington, administered by the SMITHSONIAN INSTITUTION, to receive from the NATIONAL ACADEMY OF DESIGN the painting entitled WRECK OF THE SEA PRINCE by John C. Pellew purchased from the Henry W. Ranger Fund and hereby agrees to hold same subject to and abide by the terms stated in the Will of the late Henry W. Ranger which reads as follows:

"All pictures so purchased are to be given by the Council to Art institutions in America, or to any library or other institutions in America maintaining a gallery open to the public, all such gifts to be upon the express condition that the National Collection of Fine Arts at Washington, administered by the Smithsonian Institute [Institution] shall have the option and right, without cost, to take, reclaim and own any picture for their collection, provided they exercise such option and right at any time during the five-year period beginning ten years after the artist's death and ending fifteen years after his death, and if such option and right is not exercised during such period, the picture shall remain and be the property of the institution to which it was first given. The words 'America' and 'American' shall be construed as equivalent to 'North America' and 'North American' respectively.

Resolved, That the Comptroller and Secretary are hereby authorized and directed to execute such instrument on behalf of this institution as may be necessary or desirable to carry the foregoing resolution into effect.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute such an instrument.

On motion of Mr. Clement, this agreement was authorized, and the resolution was adopted.

RESOLUTIONS

Mr. Johnston offered the following resolution:

* Deduct.

To Gordon N. Ray

The deep sense of regret which the members of the Board of Trustees of the University of Illinois have felt since your decision to leave the University to accept the post of Associate Secretary General of the John Simon Guggenheim Foundation has been somewhat assuaged by the fact that you will continue serving the academic world in another and broader area.

In fourteen years at the University of Illinois you have been one of its distinguished scholars, a great teacher, and an able administrator. In all these areas you have had the respect and admiration of your colleagues on the faculty and associates in the University administration. The Board desires to take occasion to recognize publicly your services to Illinois and to express its warm appreciation.

May you have continued success in your new work; and with this go our best wishes for good health and happiness in many years to come.

This resolution was unanimously adopted by a rising vote.

Mrs. Watkins offered the following resolution:

To Herbert E. Longenecker

The Board of Trustees of the University of Illinois desires to record officially its appreciation of your five years of devoted service to the University of Illinois as Vice-President in charge of its Chicago Professional Colleges.

You came into this position at a time when constructive leadership was greatly needed in a complex area of the University's total operations and services to the State. The results of your work in the relatively short time you have been at the University will continue to reflect this able leadership in the years ahead.

We wish for you every success in your new post as President of the Tulane University of New Orleans, and many years of good health and happiness for you and your family.

This resolution was unanimously adopted by a rising vote.

AMENDMENT OF SECTION 1, ARTICLE I, OF THE BY-LAWS OF THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS

(29) Typewritten copies of this proposed amendment were furnished each member of the Board of Trustees at the beginning of today's meeting.

Mr. Johnston moved that Section 1, Article I, of the By-Laws of the Board of Trustees of the University of Illinois be amended effective September 1, 1960, to read:

Section 1. The Board of Trustees shall hold an annual meeting on the second Tuesday of March, unless the date of such meeting be changed by the Board. The Board shall hold other regular meetings on the (second) *third* Wednesday of each month except March; the date of any meeting may be changed by vote of the Board or by order of the President thereof; any monthly meeting may be omitted by vote of the Board or by order of the President thereof, in case it appears that the amount and nature of the business to be presented is not sufficient to justify a meeting.

The change is to delete the word (second) and to insert in lieu thereof the word *third*, as indicated above.

This motion 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.

DEGREES CONFERRED

The Secretary presented for record the list of degrees conferred at the Chicago Professional Colleges on June 10, 1960, and on other dates indicated, and the list of degrees to be conferred at Urbana on June 18, 1960, in accordance with the authorization of the Board of Trustees.

Summary

Honorary Degrees, conferred at Urbana:

Doctor of Engineering..... I

Doctor of Science.....	2
<i>Total, Honorary Degrees.....</i>	<i>(3)</i>
Degrees in the Graduate College, conferred at Urbana:	
Doctor of Philosophy.....	140
Doctor of Education.....	14
Master of Arts.....	63
Master of Science.....	288
Master of Music.....	13
Master of Education.....	67
Master of Social Work.....	25
Master of Fine Arts.....	4
Master of Accounting Science.....	6
Master of Architecture.....	2
Master of Laws.....	1
Master of Television.....	1
Advanced Certificate in Education.....	9
<i>Total, Graduate College.....</i>	<i>(633)</i>
Degrees in Law, conferred at Urbana:	
Bachelor of Laws.....	46
Degrees in Veterinary Medicine, conferred at Urbana:	
Bachelor of Science.....	29
Doctor of Veterinary Medicine.....	41
<i>Total, Veterinary Medicine.....</i>	<i>(70)</i>
Baccalaureate Degrees, conferred at Urbana:	
Bachelor of Science, College of Agriculture.....	179
Bachelor of Science, College of Engineering.....	377
Bachelor of Naval Science, College of Engineering.....	1
Bachelor of Arts, College of Liberal Arts and Sciences.....	334
Bachelor of Science, College of Liberal Arts and Sciences.....	220
Bachelor of Science, College of Education.....	157
Bachelor of Science, College of Commerce and Business Administration.....	222
Bachelor of Science, College of Journalism and Communications.....	56
Bachelor of Architecture, College of Fine and Applied Arts.....	85
Bachelor of Fine Arts, College of Fine and Applied Arts.....	51
Bachelor of Music, College of Fine and Applied Arts.....	6
Bachelor of Science, College of Fine and Applied Arts.....	44
Bachelor of Science, College of Physical Education.....	77
Bachelor of Science, Division of Special Services for War Veterans....	20
<i>Total, Baccalaureate Degrees.....</i>	<i>(1,838)</i>
<i>Total, Degrees Conferred at Urbana.....</i>	<i>(2,590)</i>
Degrees in the Graduate College, conferred at Chicago:	
Doctor of Philosophy.....	13
Master of Science.....	34
<i>Total, Graduate College.....</i>	<i>(47)</i>
Degrees in Dentistry, conferred at Chicago:	
Bachelor of Science.....	47
Doctor of Dental Surgery.....	89
<i>Total, Dentistry.....</i>	<i>(136)</i>
Degrees in Medicine, conferred at Chicago:	
Bachelor of Science in Medicine.....	157
Bachelor of Science in Occupational Therapy.....	7
Doctor of Medicine.....	160
<i>Total, Medicine.....</i>	<i>(324)</i>
Degrees in Nursing, conferred at Chicago:	
Bachelor of Science.....	23

Degrees in Pharmacy, conferred at Chicago:

Bachelor of Science.....	89
Total, Degrees Conferred at Chicago.....	(619)
Total, Urbana and Chicago.....	3,209

Degrees Conferred at Urbana

HONORARY DEGREES

Degree of Doctor of Engineering

JAMES RHYNE KILLIAN, JR.

Degree of Doctor of Science

EDWARD ADELBERT DOISY
VINCENT DU VIGNEAUD

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Accountancy

PHILIP EUGENE FESS, B.S., Miami University, 1953; M.S., 1955

In Agricultural Economics

RICHARD KENNETH NOLES, B.S., M.S., University of Florida, 1955, 1957
REX ALAN PATTERSON, B.Com., University of Queensland, 1950; M.S., 1959
LOWELL EDWIN WILSON, B.S., Murray State College, 1953; M.S., University of Kentucky, 1957

In Agronomy

PARMANAND SWARUP BHATNAGAR, B.S., M.S., University of Lucknow, 1939, 1941
SHANTI SWARUP KHANNA, B.S., M.S., Agra University, 1952, 1954
WILLIAM CALVIN MARTIN, B.S., M.S., 1954, 1957

In Animal Nutrition

RUSSELL AUSTIN VAN DYKE, A.B., Hope College, 1951; M.S., University of Michigan, 1953

In Animal Science

CHARLES ROGER ADAMS, B.S., Rutgers University, 1950; M.S., 1951
JOHN PATTON BAKER, B.S., M.S., Agricultural and Mechanical College of Texas, 1947, 1951
EDWARD WALKER DAYTON, JR., B.S., Louisiana State University, 1951; M.S., 1958
WILLIAM ARLISS DUDLEY, B.S., Iowa State University of Science and Technology, 1956; M.S., 1957
DARYLE EUGENE GREENE, B.S.A., M.S., University of Arkansas, 1954, 1955
GLEN LOUIS HEUBERGER, B.S., Iowa State University of Science and Technology, 1954; M.S., 1958
ROBERT CHUENG-SHYANG MA, Graduate, National Central University, 1948; M.S., University of Tennessee, 1957
GERALD WAYNE McWARD, B.S., M.S., 1956, 1957
RICHARD ALBERT NOTZOLD, B.S., Purdue University, 1953; M.S., 1954
HOWARD NELSON WATERHOUSE, B.S., University of Maine, 1954; M.S., 1958

In Botany

DONALD DAVIS McLAIN, JR., B.S., M.S., 1952, 1956
DONALD LAVERGNE SHAVER, B.S., M.S., 1949, 1957

In Business

JAMES FREDERICK ENGEL, B.S., Drake University, 1956; M.S., 1957

In Ceramic Engineering

ELWIN LEROY JOHNSON, B.S., M.S., 1956, 1957

In Chemical Engineering

- JAMES EDWIN BENJAMIN, B.S., Purdue University, 1955; M.S., Iowa State University of Science and Technology, 1957
THOMAS DUNSKUS, Cand.Ing., Technical University of Berlin, 1955; M.S., 1957
ARNOLD HERSHMAN, B.S., Case Institute of Technology, 1956; M.S., 1958
KENNETH BERNARD KEATING, B.Ch.E., M.Ch.E., Polytechnic Institute of Brooklyn, 1953, 1955
SHELDON WIEDERHORN, B.S., Columbia University, 1956; M.S., 1958

In Chemistry

- RONALD WEBSTER BROSEMER, B.S., University of California (Berkeley), 1955
ARTHUR WALLACE CORDES, B.S., Northern Illinois University, 1956; M.S., 1958
LAURENCE FRANCIS DEMPSEY, B.S., Pennsylvania State University, 1946
GEORGE FREDERICK FANTA, B.S., Purdue University, 1956
RICHARD LEE HARRIS, A.B., North Central College, 1956
PAULINE PAO-LIANG HO, B.S., Michigan State University, 1955; M.S., 1957
ERNEL DEAN IHNEN, B.S., Western Illinois University, 1946; M.S., Brigham Young University, 1956
BRUCE RICHARD KARSTETTER, B.S., Purdue University, 1955; M.S., 1956
WILLIAM JOHN KOEHL, JR., B.S., M.S., Xavier University (Ohio), 1955, 1957
MITSURU KUBOTA, A.B., University of Hawaii, 1954; M.S., 1958
STANLEY KRISHN MADAN, B.S., A.M. (Psychology), M.S. (Chemistry), Forman Christian College, 1945, 1950, 1954; M.S. (Teaching of Chemistry), 1957
MEHM TIN MON, B.S. (Hons.), University of Rangoon, 1956; M.S., 1958
OLIVER CHRISTOPHER RICHARDS, JR., B.S., Syracuse University, 1955
WILLIAM CARL RIFE, A.B., North Central College, 1956
ROBERT FRANCIS SCARR, B.S., M.S., Lehigh University, 1952, 1956
WILBURN SUBER SMITH, JR., B.S., Mississippi State University, 1956
LARRY CLARK THOMPSON, B.S., Willamette University, 1957; M.S., 1959
JOHN LOWELL TVETEN, A.B., Luther College, 1956
JOHN GEORGE VERKADE, B.S., 1956; A.M., Harvard University, 1958
JOHN HENRY WOLFE, A.B., Ohio Wesleyan University, 1955

In Civil Engineering

- WILLIAM EGGER, B.S., M.S., 1951, 1953
WALLACE EMORY FLUHR, B.S., University of Kentucky, 1954; M.S., 1959
ROBERT EARLE FULTON, B.C.E., Alabama Polytechnic Institute, 1953; M.S., 1958
DANIEL LEWIS LYCAN, B.S., Massachusetts Institute of Technology, 1952; M.S., 1959
EDWARD THOMAS MISIASZEK, B.C.E., M.C.E., Clarkson College of Technology, 1952, 1955
ROY EDWIN OLSON II, B.S., M.S., University of Minnesota, 1953, 1955
GEORGE EMMANUEL TRIANDAFILLIDIS, B.S., Robert College, 1945; M.S., 1947
WORTHEN ALLEN WALLS, B.S., University of Arkansas, 1949; M.S., 1954
JOSEPH WARWARUK, B.S., University of Alberta, 1954; M.S., 1957

In Classical Philology

- JOHN-THEOFANIS PAPADEMETRIOU, Diplomat of Philology, National University of Athens, 1954

In Communications

- VINCENT PAUL NORRIS, B.S., M.S., 1955, 1958

In Dairy Science

- ROBERT DAVID CLARK, B.S.A., M.Sc., University of Saskatchewan, 1948, 1950
KURT EWALD EBNER, B.S.A., M.S.A., University of British Columbia, 1955, 1957

In Dairy Technology

- KOLAR SESHAIYER RAMACHANDRAN, B.S., B.S., University of Mysore, 1947, 1951; M.S., University of Bombay, 1956

In Economics

- BEN MAJOR ALVORD, B.S., Alabama Polytechnic Institute, 1951; M.S., 1954

JANET MONTGOMERY HOOKS, A.B., Mount Holyoke College, 1933; A.M., Bryn Mawr, 1934

MAX GERHARD MUELLER, B.S., University of London, 1949; A.M., 1951

ROBERT ALLEN ROBERTSON, A.B., University of California (Santa Barbara), 1952; A.M., 1954

In Education

ROBERT SIGNAL KANE, B.S., M.S., 1950, 1958

ROBERT VERN MILLER, A.B., University of Kansas, 1952; Ed.M., 1954

In Electrical Engineering

ROBERT CHARLES ARZBAECHER, B.S., Fournier Institute of Technology, 1953; M.S., 1958

ALGIRDAS ANTHONY AVIZIENIS, B.S., M.S., 1954, 1955

CARL FOREST DAVIS, A.B., University of Maine, 1942; M.S., 1956

DONALD LEE EPLEY, B.S., M.S., 1956, 1957

ROY OSCAR SATHER, B.S., Wayne University, 1940; M.S., 1951

TAO-NAN TANG, B.S., National Taiwan University, 1954

RICHARD PHILLIP WISNER, B.S., M.S., 1956, 1957

In English

ALVIN IRWIN DUST, A.B., A.M., 1950, 1951

MERLE JANE FIFIELD, A.B., A.M., State University of New York Teachers College (Albany), 1954, 1955

MARTIN LIGHT, A.B., Pennsylvania State University, 1949; A.M., University of Chicago, 1951

WILLIAM RICHARD LINNEMAN, A.B., Park College, 1950; A.M., 1954

HARRY ELTON PREBLE, A.B., A.M., 1951, 1952

DONALD HENRY REIMAN, A.B., College of Wooster, 1956; A.M., 1957

MARGARET O'BRIEN STEWART, A.B., A.M., University of Kentucky, 1937, 1941

MARJORIE EVELYN WRIGHT, A.B., Wheaton College, 1954; A.M., 1956 (doctorate awarded posthumously)

In Entomology

JOHN ARTHUR LOWE, B.S., Lawrence College, 1951; M.S., 1956

ROBERT JOHN SNETSINGER, B.S., M.S., 1952, 1953

GILBERT PETER WALDBAUER, B.S., University of Massachusetts, 1953; M.S., 1956

HORNE RICHARD WONG, B.S., University of Manitoba, 1947; M.S., Michigan State University, 1950

In Food Technology

NOBUMITSU YANO, B.Agr., M.Agr., Kyoto University, 1953, 1955

In French

RAYMOND THEODORE RIVA, A.B., 1951; A.M., Middlebury College, 1955

In Geology

DONALD JOHN COLQUHOUN, A.B., A.M., University of Toronto, 1953, 1956

JOHN EZRA MOORE, A.B., Ohio Wesleyan University, 1953; M.S., 1958

KATHERINE MAUDE MARIE SCHAEFFER, A.B., A.M., Washington University, 1956, 1958

JOHN STANLEY SCOTT, B.S., McMaster University, 1953

RODNEY TAMPA TETTENHORST, B.S., A.M., Washington University, 1955, 1957

In History

GEORGE JAY RAUSCH, JR., A.B., North Central College, 1955; A.M., 1958

In Library Science

CLYDE HULL CANTRELL, A.B., A.M., A.B., University of North Carolina, 1933, 1936, 1937

GUY GRADY GARRISON, A.B., Baldwin-Wallace College, 1950; M.S., Columbia University, 1954

JAMES RANZ, B.S., Nebraska State Teachers College (Kearney), 1942; A.M., University of Michigan, 1948

In Mathematics

- KENNETH WAYNE ANDERSON, B.S., United States Military Academy, 1946; A.M., 1955
 GENEVA GROSZ BELFORD, A.B., University of Pennsylvania, 1953; A.M., University of California (Berkeley), 1954
 CHARLES GLADSTONE COSTLEY, A.B., Fisk University, 1956; M.S., 1958
 CHARLES WILLIAM GEAR, A.B., University of Cambridge, 1956; M.S., 1957
 CLIFFORD ALLAN LONG, B.S., M.S., 1954, 1955

In Mining Engineering

- NANI CHAKRAVERTY, Diploma, Indian School of Mines, 1938; M.S., 1957

In Physical Education

- JOHN HUBERT DUNN, B.Ed., Southern Illinois University, 1943; M.S., Washington State University, 1951

In Physics

- RENATO BOBONE, Laurea in Electrical Engineering, Polytechnic Institute of Turin, 1944
 JAMES HAVENS BREDT, A.B., Harvard College, 1953; M.S., 1955
 RICHARD ELMO COOVERT, A.B., Reed College, 1952; M.S., 1954
 ROY MERTON EMRICK, A.B., Cornell University, 1954; M.S., 1956
 HOWARD ROSCOE HART, JR., B.Eng. Physics, Cornell University, 1952; M.S., 1955
 JAMES JOSEPH JACKSON, B.S., Yale University, 1950; M.S., 1951
 JOHN KENNETH ROBE, B.S., M.S., 1951, 1953
 KENDAL TRUE ROGERS, B.S., University of Texas, 1955; M.S., 1957
 WILLIAM WALTER SIMMONS, A.B., Carleton College, 1953; M.S., 1955
 JACK DONALD ULLMAN, B.S., M.S., 1951, 1956

In Physiology

- CHARLES HENRY CAPPEL, A.B., Athenaeum of Ohio, 1944; M.S., St. Louis University, 1951
 RUSSELL IAN CLOSE, B.S., M.S., University of New Zealand, 1945, 1956

In Plant Pathology

- JEWELUS CRAIG, B.S., M.S., 1949, 1957
 ROBERT THOMAS GUDAUSKAS, B.S., Eastern Illinois University, 1956; M.S., 1958
 YESHWANT LAXMAN NENE, B.S., M.S., Agra University, 1955, 1957
 S. RAMACHANDRAN, B.S., University of Madras, 1955; M.S., Benares Hindu University, 1957

In Political Science

- GEORGE KLEIN, A.B., A.M., 1951, 1952
 CARL DALE McMURRAY, A.B., Augustana College, 1956; A.M., 1958

In Psychology

- BISHWA BANDHU CHATTERJEE, B.S., M.S., Benares Hindu University, 1941, 1943; A.M., 1959
 MURRAY SAMUEL MIRON, B.S., Northwestern University, 1954; A.M., 1956
 EDWARD JOHN MORRISON, A.B., Southern Methodist University, 1948; M.S., Tulane University, 1951
 WILLIAM GLENN STEINER, A.B., Aurora College, 1948; A.M., 1958

In Sociology

- JOSEPH RANDALL GODWIN, B.S., M.S.I.R., Loyola University, 1953, 1956
 DAVID ALLEN WARD, A.B., Colby College, 1955

In Spanish

- MERLIN HENRY FORSTER, A.B., Brigham Young University, 1956; A.M., 1957
 UNETTA THOMPSON MOORE, A.B., Mount Holyoke College, 1954; A.M., University of New Mexico, 1956
 RICHARD WHITELEY NORTON, A.B., Butler University, 1942; A.M., 1952

In Statistics

- RAJINDER SINGH, A.B., A.M., Panjab University, 1950, 1952
 MADANLAL TILAKCHAND WASAN, A.B., A.M., University of Bombay, 1952, 1954

In Theoretical and Applied Mechanics

SEWARD RUSSELL KEIM, B.S., M.S., University of California (Berkeley), 1950, 1956

In Veterinary Medical Science

KRISHNA NANDAN MEHRA, B.S., M.S., Agra University, 1943, 1945; M.S., 1958

In Zoology

MAXWELL HAROLD BRAVERMAN, A.B., University of Colorado, 1951; M.S., 1959

GEORGE WYATT COX, A.B., Ohio Wesleyan University, 1956; M.S., 1958

NORMAN ARNOLD DIAL, A.B., Illinois College, 1949; M.S., 1952

ARTHUR KOW KATOH, A.B., Syracuse University, 1954; M.S., 1956

EDWARD WILLIAM MILLHOUSE, JR., B.S., M.S., 1949, 1954

Degree of Doctor of Education*In Education*

JOHN RICHARD CRADDOCK, B.S., Ed.M., 1950, 1956

KERN WILLIAM DICKMAN, B.S., M.S., 1944, 1947

LOREN VERNON GRISSOM, B.S., Eastern Illinois University, 1952; Ed.M., 1956

CHARLES CONRAD HOLT, B.S., Southeast Missouri State College, 1949; A.M., 1951

HAROLD HUBERT LERCH, B.S., M.S., Southern Illinois University, 1952, 1956

WILLIAM TEBBS LOWE, B.S., Ed.M., University of Cincinnati, 1951, 1955

JOHN ROBERT PALMER, A.B., Knox College, 1949; Ed.M., 1955

SAM WEINTRAUB, A.B., B.S., Ed.M., Ohio State University, 1948, 1950, 1954

EDWARD CUNDIFF WEIR, B.Ed., Eastern Illinois University, 1942; A.M., 1950

PAUL HENRY WESTMEYER, B.S., A.M., Ball State Teachers College, 1949, 1952

WAYNE WALTER WIGELL, B.S., Eureka College, 1946; M.S., Illinois State Normal University, 1949

In Music Education

PAUL BARTON GROVER, A.B., Kansas Wesleyan University, 1930; M.Mus.Ed., University of Kansas, 1948

GEORGE EARLE REYNOLDS, B.Mus., Southwestern College, 1942; M.Mus., Cincinnati Conservatory of Music, 1946

ALAN PAUL SQUIRE, B.Mus., M.Mus., University of Michigan, 1949, 1950

Degree of Master of Arts*In Art Education*

LAURA PHELPS THOMPSON, B.F.A., 1956

In Art History

JOHN FRANKLIN WRIGHT, JR., A.B., American University, 1954

In Dance

WILLIAM GEORGE HUG, B.S., 1953

In Economics

JENE KUNE KWON, A.B., Illinois College, 1958

ROBERT CHASE McALLISTER, A.B., Knox College, 1958

RONALD ELMER PETERSON, B.S., Loyola University, 1959

In Education

FRANK HENRY KLASSEN, A.B., University of Manitoba, 1953

In English

BARBARA LUCRETIA COFFEE, A.B., Piedmont College, 1959

DONALD ANTHONY DeSULIS, A.B., DePaul University, 1956

GEORGE ROBERT GUFFEY, B.S., Bowling Green State University, 1958

ROBERT HENRY HASMAN, JR., B.S., A.B., 1958, 1959

ROBERT CARL JOHNSON, A.B., Monmouth College, 1959

STUART MELVIN KAMINSKY, B.S., 1957

KEITH JAMES KESSEL, A.B., 1959

WILLIAM GROVER KILBOURNE, JR., A.B., University of Notre Dame, 1959

PHYLLIS HURD LISTON, A.B., State University of New York Teachers College (Albany), 1957

MARY CROSS MAGRINO, A.B., University of Michigan, 1956

JOSEPH EDMUND MILOSH, JR., A.B., St. Edward's University, 1958

CHRISTOPHER NEWTON, A.B., Leeds University, 1957

SHIRLEY MAE RADLE, A.B., College of St. Scholastica, 1959

RICHARD LEONARD ROWE, A.B., Hiram College, 1958

GEORGE HOWARD WHELOCK, B.S., Purdue University, 1959

In French

BETTY DIANTHA BOVEY, A.B., University of Idaho, 1958

ALAIN DIDIER GENESTRE, B.B.A., Memphis State University, 1958

MARY FRANCES HUNTLEY, A.B., 1959

ENID ASTRID KOENIG, A.B., Goucher College, 1958

SHIRLEY POLLITT MCGREAL, A.B., University of London, 1955

SYLVIA JANE NEUSTEIN, A.B., University of Miami, 1959

JULIA ANNE RAGSDALE, A.B., Southern Illinois University, 1958

In Geography

DONALD FRANK VOLLBRACHT, A.B., Valparaiso University, 1958

In History

GEORGE THOMAS RIGGS, A.B., Princeton University, 1959

In Labor and Industrial Relations

FRED JOHN KOLOJAY, B.S., 1958

In Mathematics

MARY ANNE LOUISE FISHERKELLER, A.B., Goucher College, 1950

KENT PETER HOWE, A.B., St. John's University, 1956

JAMES EDWARD SKEATH, A.B., Swarthmore College, 1958

In Philosophy

LUCIA GIOVANNA MARCHETTI, Degree, University of Pisa, 1954

In Political Science

RODNEY ALPHONZO BURROWS, B.S., Hampton Institute, 1958

RICHARD ALLEN SCHWARZLOSE, B.S., 1959

In Psychology

DORIS RUTH NORTHRUP, B.S., Carnegie Institute of Technology, 1958

In Social Sciences

ROGER KENDALL FEINTHEL, A.B., Ohio University, 1958

MARY LYNN MCCREE, A.B., Alabama Polytechnic Institute, 1959

HELEN-MAE LICKING NORTON, B.S., Northern Illinois University, 1954

In Sociology

LOURDES CUMAGUN ATABUG, Ph.B., University of Santo Tomas, 1956

GERALD BENJAMIN GERSEY, B.S., 1959

In Spanish

JOAN GANOS, A.B., University of Wisconsin, 1958

BETTY JANE LEGAN, B.S., Indiana University, 1959

LIGIA CLEMENCIA RAMIREZ, B.S., University of Maryland, 1954

JOSÉ GABRIEL SANCHEZ, A.B., New Mexico Highlands University, 1958

JOHN FREDERICK SAUNDERS, A.B., Stanford University, 1956

FLORENCE LILLIAN YUDIN, A.B., Brooklyn College, 1958

In Speech

RUTH ELEANOR GROGG, A.B., Marietta College, 1958

CHARLES CASE HELMERDINGER, A.B., University of Michigan, 1954

FEMMY OGTEROP, Diploma, Utrecht Training for Acoupedician, 1955

LYOVONNE MARIE TRAD, A.B., Eureka College, 1953

In Statistics

- CALVIN HERBERT BESORE, B.S., Rochester Institute of Technology, 1958
 JERRY JON JOHNSON, B.S., 1958
 PRAVINCHANDRA LALLUBHAI KADAKIA, B.S., M.S., Gujarat University, 1955, 1958
 SIDNEY ALLEN SACHS, B.S., 1959

In the Teaching of English

- NANCY SCOTT, A.B., 1959

In the Teaching of German

- RALPH ARNO EISENSTADT, A.B., University of Pennsylvania, 1958

In the Teaching of Social Studies

- PATRICIA PRATT, B.S., 1955
 SKIRMUNTAS RADVILA, A.B., 1958
 HARRIETT JOAN ROGERS RASSIGA, A.B., MacMurray College, 1947

Degree of Master of Science*In Accountancy*

- PUANGSRI LIMPABHANDHU, B.Com., University of Thammasat, 1954
 CHARLES HOWARD MONTGOMERY, A.B., Illinois Wesleyan University, 1952

In Advertising

- LEONARD MICHAEL DREFFS, B.S., 1958
 JO ANN HOSTETTLER, B.S., 1958
 ROSA CASTILLO LAURENTE, Litt.B., University of Santo Tomas, 1953
 WILLIAM DANIEL RYAN, A.B., 1954

In Aeronautical Engineering

- PHILLIP AUGUSTUS MEYER, B.S., 1957

In Agricultural Economics

- RAFAEL MORENO ROJAS, Agr.Engr., Catholic University of Chile, 1958
 DAVID MARION SCHOONOVER, B.S., 1957
 JOHN JOSEPH SCULLY, B.A.S., University College (Dublin), 1951
 LAWRENCE JAMES STROPE, B.S., Iowa State University of Science and Technology, 1958
 WILLIAM ALLAN TINSLEY, B.S., 1956

In Agricultural Education

- EDWARD JOSEPH BARNES, B.S., 1936
 RICHARD LEE FAIRGRIEVES, B.S., 1959
 DALE EUGENE RUCKMAN, B.S., 1959

In Agricultural Engineering

- RONALD CLARK HOLT, B.S., 1958
 BARNEY KUO-YEN HUANG, B.S., National Taiwan University, 1954
 JOHN CARTER McMUNN, B.S., 1958

In Agronomy

- GERALD MARTIN AUBERTIN, B.S., 1958
 ADNAN HARDAN, B.S., University of Baghdad, 1957

In Animal Nutrition

- ROBERT HUMPHREY WESTON, B.S., University of Sydney, 1953

In Animal Science

- HOWARD JUNIOR BRINKLEY, B.S., West Virginia University, 1958
 VERLE EUGENE CHAPPELL, B.S., Purdue University, 1956
 GEORGE LARUE DAIGH, JR., B.S., Purdue University, 1952
 BISHNU DATTA KAPRI, B.S., University of Allahabad, 1937; Diploma, Bengal Veterinary College, 1940
 JOHN BREBNER KRAUSE, B.S., 1959

In Architectural Engineering

DONALD GREER COURTEAU, B.Arch., 1959
RAYMOND ELMER LINDAHL, B.Arch., 1958

In Biological Sciences

RONALD PHILIP KOPPLIN, B.S., Northern Illinois University, 1959
ROBERT WILLIAM TIPLADY, B.Ed., University of Toledo, 1958

In Botany

FAKHRI ABDUL LATIF BAZZAZ, Licence, Teachers Training College (Baghdad, Iraq), 1953
ALICE JEAN BOURKE, B.S., Mundelein College, 1959
ELMER BURTON HADLEY, A.B., University of California (Santa Barbara), 1958
ALMUT GITTER JONES, B.S., 1958
WILLIAM CHARLES MOYE, B.S., Southern Illinois University, 1958
FRANK ROBERT OWENS, B.S., Illinois State Normal University, 1958

In Ceramic Engineering

RAJNIKANT BABUBHAI AMIN, B.S., Gujarat University, 1956; B.S. (Tech.), Benares Hindu University, 1959

In Chemical Engineering

TIRUNILLAYI SESHAIER GOVINDAN, B.S., University of Madras, 1955; B.S. (Tech.), M.Tech., Indian Institute of Technology, 1957, 1959
GEORGE ALBERT SAMARA, B.S., University of Oklahoma, 1958
LEO JOHN THOMAS, B.S., University of Minnesota, 1958
RICHARD EUGENE TISCHER, B.Ch.E., University of Dayton, 1958
DONALD EUGENE WESTERHEIDE, B.Ch.E., University of Dayton, 1958
GORDON RAY YOUNGQUIST, B.S., University of Minnesota, 1958

In Chemistry

EDMUND STEPHEN BERCHERT, JR., B.S., Eastern Illinois University, 1958
ROBERT MALCOLM BLY, A.B., Occidental College, 1957
PHILIP JOHN BURCK, A.B., Lawrence College, 1958
DEAN WILLIAM DICKERHOOF, B.S., University of Akron, 1957
ROBERT CLINTON FAY, A.B., Oberlin College, 1957
EDWARD JOE FRIHAUF, B.S., Kent State University, 1958
MELVIN HOWARD GREEN, B.S., University of Pittsburgh, 1958
SOTER GEORGE KOKALIS, B.S., Purdue University, 1958
JEROME JORDAN LOOKER, A.B., Kenyon College, 1958
DEVON WALTER MEEK, A.B., Berea College, 1958
GERALD RAY MILLER, B.S., University of Wisconsin, 1958
JOSEPH TERENCE MORRISON, B.S., University of Pittsburgh, 1958
GENIE CLARE OSBORN, A.B., Duchesne College of the Sacred Heart, 1959
DORCAS BAKER ROSE, A.B., 1959
EDWARD OWEN SHERMAN, JR., B.S., Providence College, 1958
FRED TIVIN, A.B., Kalamazoo College, 1958
BEULAH MARIE WOODFIN, A.B., Vanderbilt University, 1958

In City Planning

MARIO WALTER D'ALESSIO, JR., B.S., Pennsylvania State University, 1956
ROBERT WILLIAM JENTSCH, B.S., University of Missouri, 1953

In Civil Engineering

ARUNACHALAM KULATHU AIYAR, B.S., University of Travancore, 1956
MOHAMMAD AMIN, B.S., Worcester Polytechnic Institute, 1959
ANDRE AUER, Diploma, University of Lausanne, 1955
WILLIAM THOMPSON BARRON, B.S., University of Alabama, 1959
WILLIAM BARRY BEDESEM, B.S., Drexel Institute of Technology, 1959
DAVID BRUCE CAMPBELL, B.S., University of Alberta, 1953
JOSEPH WALTER COOKE, B.C.E., Villanova University, 1959
IRWIN DANIEL CROWLEY, JR., B.S., Mississippi State University, 1952
PETER KUANG-HSUN DAI, B.S., Taiwan Provincial Cheng Kung University, 1957

- GUNVANTRAY NANUBHAI DESAI, B.Eng., Gujarat University, 1957
 CUTBERTO DIAZ GÓMEZ, C.E., National Autonomous University of Mexico, 1954
 DARRELL ARTHUR DOBBS, B.S., 1959
 ELTON GLENN ENDEBROCK, B.S., Lamar State College of Technology, 1958
 ISRAEL FOGIEL JAWITZ, B.C.E., Rensselaer Polytechnic Institute, 1959
 GERALD EARL GOETTSCH, B.S., 1959
 YOGENDRA NARANDAS GORADIA, B.S., 1958
 ALFRED JOSEPH HENDRON, JR., B.S., 1959
 RICHARD GRIFFITH HERTZLER, B.S., Michigan State University, 1958
 JOHN KENDRICK HOLT, B.S., The University (Glasgow), 1955
 KENNETH RALPH KEENE, B.S. (Physics), Illinois Wesleyan University, 1958;
 B.S. (Civil Engineering), Duke University, 1959
 EDMUND HERMAN KERANEN, B.S., United States Naval Academy, 1955
 YOUNSU KOO, B.S., Swarthmore College, 1958
 SHINKI KUNIYOSHI, B.S., University of Hawaii, 1956
 KAMRAN MAJIDZADEH, Diploma, Teheran University, 1959
 RICHARD D. MCCONNELL, B.C.E., George Washington University, 1950
 DANIEL DORSEY MOSS, B.S., Purdue University, 1949
 ROBERT ALLEN NACK, B.S., 1954
 DIVYAKANT SOMALAL PARIKH, B.Eng., Sardar Vallabhbhai Vidyapeeth University,
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 EUNG WON PARK, B.Eng., Vanderbilt University, 1958
 ISHWARLAL BECHARBHAI PATEL, B.Eng., Gujarat University, 1955
 MARTIN KERSHAW PAYNE, B.S., Trinity College, 1957; B.C.E., Rensselaer Poly-
 technic Institute, 1959
 RONALD EARL PELKEY, B.S., University of Saskatchewan, 1952
 CARL DEAN PETERS, B.S., 1948
 JOHN DONALD PETERS, B.S., 1956
 MARTIN JOSEPH REDDING, B.C.E., Villanova University, 1959
 RONALD BRUCE REEVES, B.S., University of Utah, 1953
 RICHARD LAWRENCE ROLF, B.C.E., Marquette University, 1958
 HEDLEY EDMUND HERBERT ROY, B.A.S., University of Toronto, 1955
 THEODOR ERNST SCHREYER, JR., B.S., 1954
 MANHARLAL HIRACHAND SHAH, B.Eng., University of Bombay, 1958
 RICHARD ANGELO SMANIA, B.S., 1957
 ROBERT WILLIAM STAFFORD, B.S., Southern Methodist University, 1958
 JAMES ALLYN STALEY, B.Eng., Yale University, 1958
 GEORGE TAKASHI TAOKA, B.S., Oregon State College, 1958
 DAVID ERSKINE THOMSON, B.A.S., University of Toronto, 1957
 VISHNUBHOTLA VASUDEVA SASTRY, B.Tech., Indian Institute of Technology, 1956
 STANLEY LEONARD WEBSTER, B.A.S., University of Toronto, 1958
 JAMES ALEX WEES, B.S., University of Nebraska, 1959
 RICARDO YAMASHIRO KAMIMOTO, C.E., National University of Engineering (Peru),
 1959

In Dairy Science

- FRANK DANA BARTLETT, JR., B.S., University of Massachusetts, 1954
 CARL ARTHUR ZOGG, B.S., 1949

In Dairy Technology

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In Economics

- ALPHONSE GEORGE HOLTMANN, B.S., 1959
 PAUL JOHN MAGELLI, A.B., 1959
 JORGE RUIZ LARA, B.S., 1954

In the Education of the Deaf

- PHYLLIS TILLITSON FRITCHEY, B.S., 1939

In Electrical Engineering

- WILLIAM FRANCIS BUTLER, A.B., B.S., 1952, 1959
 HENRY GRADY CAMPBELL, JR., B.Eng., Vanderbilt University, 1959
 DONALD BRUCE CLAUSON, JR., B.S., 1957

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NOEL HERBERT JOHNSON, A.B., Montana State University, 1955
WILLIAM CECIL JOHNSTON, B.S., 1959
JOHN AUGUSTINE KILCOIN, JR., B.S., Union College, 1940
ROBERT PAUL KOLB, B.S., Valparaiso University, 1954; B.S., 1958
SEBASTIAN AMBROSE LASHER, B.S., United States Military Academy, 1954
CHUNG YEH LIU, B.S., 1959
ROBERT WAYNE McLAREN, B.S., 1959
KENNETH FRANCIS MORMAN, B.S., University of Michigan, 1959
BA NYUNT, B.S., University of Rangoon, 1958
HENRY CHUEN-HSIEN PAO, B.S., 1959
ROBERT LESLIE POESCHEL, B.S., 1959
FRED JEROME ROSENBAUM, B.S., 1959
MOHAMMED SAFI UDDIN, B.Eng., Osmania University, 1959
JOHN MATTHEW SCHNEIDER, B.S., 1959
RAMESHCHANDRA PREMCHAND SHAH, B.Eng., University of Bombay, 1960
SESHA RAJAMANI SHANKAR, B.Eng., Jadavpur University, 1956
MARK MILLER TEMPLETON, JR., B.S., 1959
FRANK EDWARD THOMPSON, B.S., 1959
JAMES WILBUR WRIGHT, B.S., 1959

In Entomology

JARETT DAVID HOFFMAN, B.S., Eastern Illinois University, 1958
JEAN MARIO MATHIEU, Agron. Engr., Institute of Technology and Higher Studies
of Monterrey, 1958
CARLOS ALBERT WHITE, B.S., Eastern Illinois University, 1958

In Food Technology

ROBERT WALLACE LARSON, A.B., Augustana College, 1955
JOHN ALLEN MERBOTH, B.S., 1959

In Geography

BERNARD CHAUNCEY PETERS, B.S., Western Illinois University, 1959

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RICHARD LEE BERGER, B.S., 1958
GORDON ELLIOTT DIXON, B.S., University of Western Ontario, 1957
JESSIE DALE HULSEY, B.S., Lamar State College of Technology, 1958
CONSTANTINE THOMAS MANOS, B.S., College of the City of New York, 1958
BRUCE ELMO MUELLER, A.B., Augustana College, 1958
RICHARD RUDOLPH PARIZEK, A.B., University of Connecticut, 1956
DONALD HILAIRE ROY, A.B., University of New Hampshire, 1958
STANLEY MARTIN TOTTEN, A.B., College of Wooster, 1958

In Health Education

IRWIN MORTON DAVIDSON, B.S., State University of New York Teachers College
(Cortland), 1959
GEORGE DENNIS NIVA, B.S., 1959
RONALD CHARLES SIMMONS, A.B., B.P.E., McMaster University, 1958, 1959

In Home Economics

WEN-CHIANG LIANG CHIU, B.S., National Taiwan University, 1955
BARBARA MILES SHANNON, B.S., University of Tennessee, 1956

In Horticulture

NAIL H. ÖZEROL, Agr. Engr., Ankara University, 1956
KUNG-JEN YEH, B.S., National Taiwan University, 1958

In Library Science

MARCELLA MARY AHNER, A.B., St. Xavier College, 1959
LILLIAN GERTRUDE ANDERSEN, A.B., Northwestern University, 1945
JUDITH MARGUERITE ANDERSON, B.S., Northern Illinois University, 1959
CHARLES ALBERT BUNGE, A.B., University of Missouri, 1959
RICHARD KEITH BURNS, B.S., Morehead State College (Kentucky), 1957

- SUZANNE NICHOLS CLAYTON, A.B., A.M., Syracuse University, 1947, 1949
 EVRON SHARLENE COLLINS, A.B., Bowling Green State University, 1959
 CHARLIE PETTICE CRAIG, A.B., Bennett College, 1955
 GENE LAWRENCE DEWEY, B.S., State University of New York Teachers College (Geneseo), 1959
 CAROL LYNN DIETZ, A.B., University of Kansas, 1958
 MOHAMED MOHAMED EL-HADI, A.B., Cairo University, 1957
 ELAINE GRAHAM ESTES, B.S., Drake University, 1953
 SIEGFRIED FELLER, A.B., A.M., University of Michigan, 1950, 1951
 FLORENCE HELEN GARLAND, A.B., Iowa State Teachers College, 1954
 DOROTHY CRYSTAL HIRSCHBERG, A.B., Beloit College, 1955
 KORDILLIA CHRISTEEN JOHNSON, A.B., Augustana College, 1934; B.L.S., University of Wisconsin, 1947
 MADOKO KON, A.B., Keio University, 1956
 ESTHER BELLE LARIMER, A.B., Shurtleff College, 1957
 HELEN LYNCH LONGSHORE, B.S., 1951; M.S., 1953
 BEVERLY JANE MATEER, A.B., Bradley University, 1959
 MARY VIRGINIA MCCALL, B.Ed., Southern Illinois University, 1940; M.S., Purdue University, 1955
 SYLVIA KATHERINE POLOVITCH, A.B., 1958
 EDITH ALDREA JOHNSON ROWLAND, A.B., Bradley University, 1933; B.S., 1940
 SISTER MARY ANSELM CUNNINGHAM, A.B., Rosary College, 1958
 WILLIAM DESMOND TAYLOR, A.B., Emory and Henry College, 1953
 YOSHINARI TSUDA, A.B., Keio University, 1955
 DERALD DEAN WILLARD, A.B., B.S., University of Missouri, 1953, 1959

In Management

- ZAKI MOHAMED FAHMY ABDALLAH EL-ADAWY, Graduate, Ein Shams University, 1953
 CHARLES KOENIG, JR., B.S., Trinity University, 1957

In Marketing

- CALVIN LEROY HODOCK, B.B.A., University of Cincinnati, 1959
 JOHN BERT HOYT, B.S., 1955

In Mathematics

- MARTIN BERMAN, B.Ch.E., Polytechnic Institute of Brooklyn, 1940; M.S. (Chemical Engineering), Virginia Polytechnic Institute, 1942
 SPENCER OLIN CHAGNON, B.S.E., Princeton University, 1957
 JOHN SCHOLL CROSS, B.S., 1959
 MARINUS DONALD DUMAN, A.B., St. Vincent College, 1953
 ROGER BRISBANE GARDNER, B.S., 1958
 KENNETH DALE HERR, B.S., State Teachers College (Millersville, Pennsylvania), 1955; M.S., 1959
 MU-YUE HSIAO, B.S., National Taiwan University, 1956
 THOMAS JOSEPH KILLIAN, B.S., 1957
 DONALD MEYER LISS, B.S., Massachusetts Institute of Technology, 1959
 WILLIAM HAMILTON MARTIN, B.S., University of Washington, 1957
 PAUL L. SADAGURSKY, B.S., Queens College, 1959
 ROBERT LAWRENCE THOMAS, A.B., DePauw University, 1959
 MARSHALL WALL, B.S., 1959

In Mechanical Engineering

- DAVID JOHN AHNER, JR., B.S., 1959
 AVINASH KUMAR AHUJA, B.S., 1955
 SANDOR JOZSEF BARANYI, Mech.E., Technical University of Budapest, 1956
 YIH-PING CHIU, B.S., National Taiwan University, 1955
 HSIAO TA CHOU, Graduate, Ordnance Engineering College, 1949
 RICHARD EDWIN DECAMP, B.S., 1956
 RONALD LEE DEVAISHER, B.S., 1959
 DUEN-REN JENG, B.S., National Taiwan University, 1956
 THOMAS JOSEPH KANE, B.S., University of Notre Dame, 1957
 ROBERT LEROY McNABB, B.S., 1959

HARDARSHAN SINGH MEJIE, B.Eng., University of Bajputana, 1956; M.Tech., Indian Institute of Technology, 1956

JEROME DOUGLAS MOCKENHAUPT, B.S., 1959

DINESHCHANDRA SURAJMAL SHAH, B.Eng., University of Bombay, 1959

RICHARD WARREN VAN PELT, B.S., Stanford University, 1956

DAVID EDWARD WOLLERSHEIM, B.S., Gonzaga University, 1959

STEVE ARTHUR WUTZKE, B.S., 1959

In Metallurgical Engineering

JAMES EUGENE HANAFEE, B.S., 1958

In Microbiology

THERESE MING-CHUNG MAR, B.S., National Taiwan University, 1956

In Mining Engineering

PAUL RICHARD STEWART, B.S., North Carolina State College, 1959

In Music Education

LEON LOVEJOY ADAMS, JR., B.S., Tennessee Agricultural and Industrial State University, 1957

RONALD TAYLOR BISHOP, B.Mus., Eastman School of Music of the University of Rochester, 1956

PETER TEN EYCK BOOR, B.S., Bucknell University, 1959

JOHN DENIS BRAHMS, B.S., 1959

JAMES LEE CAMPBELL, B.S., 1954

NAOMI BRAUSCH FUCIK, B.S., 1955

GAYE LENORE HATINGER, B.S., Texas Woman's University, 1959

PATRICIA JEAN JOHNSON, B.Mus., Oberlin College, 1959

ALBERT REISS KAVANAUGH, B.S., State University of New York Teachers College (Fredonia), 1959

DENNIS PAUL KUDLAWIEC, A.B., Coe College, 1956

DAVID JOHN MARCHAND, B.S., Bemidji State College (Minnesota), 1957

JOHN GEORGE NEMETH, B.S., 1959

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ELAINE MARILYN PRESVELOS, B.S., 1953

SISTER MARY ARTHUR NEWBORE, B.Mus., Fontbonne College, 1947

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In Nuclear Engineering

DARRELL RAYMOND ANDERSON, B.S., United States Military Academy, 1954; M.S., 1960

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YAN NAING LWIN, B.S., 1958

GEORGE AUSTIN MORRIS, B.S., 1959

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DAVID CLARK WADE, B.S., 1959

In Physical Education

PATRICIA ISABELLA HAIG, A.B., U.E.D., Rhodes University, 1957, 1958

ROSEMARY JOHNSTONE, A.B., Rhodes University, 1957

JOAN MAY MORAN, B.S., 1956

In Physics

GILBERT ALAN CLARK, B.S., University of Washington, 1956

RICHARD ANDERSON CRAIG, B.S., 1959

MORRIS WILLIAM FIREBAUGH, A.B., Manchester College, 1959

JOSEPH CARL HAFELE, B.S., 1959

MARVIN LEO HARDING, B.S., 1959

DANIEL WARREN HONE, A.B., University of California (Berkeley), 1958

JAMES DAVID LESLIE, B.A.S., University of Toronto, 1957

ANDRE ROBERT MARGUINAUD, Engineer, Ecole Nationale Supérieure des Télécommunications, 1959

GEORGE HERMAN NICKEL, A.B., San Diego State College, 1958
 SAMUEL JOSEPH PENNY, B.S., University of Oklahoma, 1958
 THOMAS CLAYTON PIPER, B.S., 1959
 DANIEL RUBINSTEIN, B.S., 1958
 GLENN TAVERNIA SINCERBOX, B.S., Rensselaer Polytechnic Institute, 1959
 IRWIN SPIRN, B.S., College of the City of New York, 1959
 ALICE ANNE SUMMERBELL, A.B., Oberlin College, 1958
 JOHN WARREN WILKINS, B.S., Northwestern University, 1959
 BILLY BRUCE WILLIAMS, B.S., Western Illinois University, 1958
 STANLEY GEORGE WOGULIS, B.S., 1957
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In Physiology

LATIMER ALAN EPPS, JR., B.S., Oklahoma State University, 1957
 DONALD THEODORE PALS, A.B., Calvin College, 1956

In Plant Pathology

WILLIAM LOUIS KLARMAN, B.S., Eastern Illinois University, 1957

In Speech Correction

HELEN WINIFRED HOOPS, B.S., 1957

In the Teaching of Biological Sciences and General Science

DAVID LANIER BROWN, A.B., Greenville College, 1957
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In the Teaching of Mathematics

MAX CLINTON GABBARD, B.S.E., University of Arkansas, 1957
 PATRICIA CLAFLIN MARTIN, B.S., 1959

In Theoretical and Applied Mechanics

ROBERT DAVIS COOK, B.S., 1958
 THOMAS UPTON GREER, B.S., United States Military Academy, 1950
 EUGENE POCS, B.S., 1959
 ROBERT STANLEY WOZNIAK, B.S., 1958

In Zoology

ALLAN DOUGLAS DINGLE, B.S., McMaster University, 1958
 RUSSELL DALE GUTHRIE, B.S., 1959
 THOMAS CYRIL JEGLA, B.S., Michigan State University, 1958
 WILLIAM HENRY JOHNSON, A.B., Augustana College, 1953
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Degree of Master of Music

MELISSA MOORE BROWN, B.Mus., Oberlin College, 1956
 PETER MELVIN BROWN, B.Mus., Oberlin College, 1957
 WILLIAM JOSEPH BURNETT, B.S., 1954
 DOMENIC DONALD CERVONE, B.Mus., Eastman School of Music of the University of Rochester, 1955
 EDWARD JOHN CONNELLY, B.Mus., DePaul University, 1955
 JOHN PHILIP FORD, B.Mus., George Peabody College for Teachers, 1958
 DOROTHEA REDFIELD JUMP, B.Mus., New England Conservatory of Music, 1942
 MARDELE LOUISE MARYOTT, B.Mus., Phillips University, 1957
 DEVORAH BETTE RABNICK, B.Mus., Oberlin College, 1958
 SISTER MARY NICOLE SCHNOEBELEN, A.B., Rosary College, 1958
 RONALD ANTHONY STOFFEL, A.B., San Francisco State College, 1956
 JOHN WALTER WEHLAN, B.Mus., 1956
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Degree of Master of Education

ERA JEAN ALLEN, A.B., Albion College, 1948
 HARRY EDWIN ARMSTRONG, B.S., Illinois State Normal University, 1957
 MILDRED ALBERTA ASH, B.S., Loyola University, 1950

GEORGE EDWARD BAUER, B.S., Southern Illinois University, 1949
ROBERT ALLEN BEEDE, B.S., Northern Illinois University, 1954
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CHARLES EDWARD BURG, A.B., Millikin University, 1952
ELEANOR MCFARLEN COLEMAN, B.S., Eastern Illinois University, 1952
NANCY LEE COX, A.B., DePauw University, 1958
DOROTHY MARIE CRAWFORD, B.S., Illinois State Normal University, 1947
EDWARD DAHLER, JR., B.Ed., Duquesne University, 1950
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JOHN THOMAS DIXON, B.S., Rockford College, 1959
JOHN THEODORE ELLSWORTH, B.S., Georgetown University, 1956
PHYLLIS MAXINE ENGEL, B.S., Eastern Illinois University, 1955
WAVA ROBERSON FORD, B.S., Southern Illinois University, 1944
RALPH LEO GOODMAN, B.S., 1954
LESLIE ELAINE YOCKERS GRADY, B.S., Lincoln University, 1949
CLYDE MARTIN HACKLER, B.S., Eastern Kentucky State College, 1959
DORIS MARILYN HARRIS, B.S., University of Oklahoma, 1958
DOLORES DAVIS HARRY, B.S., Concord College, 1953
HAZEL LEE HENDERSON, B.S., Lincoln University, 1955
MERLE EUGENE HOLSEN, A.B., McKendree College, 1948
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SIBBA ISABELLE DAVIS JONES, B.S., Eastern Kentucky State College, 1953
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BRUCE L. MCKENZIE, B.S., 1941
WALTER MILTON MEYER, B.S., Bradley University, 1935
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DIANA RUTH REA, B.S., 1958
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RICHARD KENNETH SCHWARTZ, A.B., William Jewell College, 1959
CHARLES ASHTON SHAFER, B.S., Indiana State Teachers College, 1955
BEN CHARLES SMITH, A.B., Sterling College, 1950
MARY ELLEN SRONCE, B.S., 1959
CLOYD FRANKLIN STAPLES, B.S., 1958
SHIRLEY GREENSCHLAG STONE, A.B., Roosevelt University, 1949
CHARLES RICHARD TAYLOR, B.S., Northern Illinois University, 1957
DELORES EVELYN HOWARD THOMAS, B.S., Southern Illinois University, 1954
MAURICE WAYNE THOMAS, B.S., 1947
JACQUELEN JEANNE DEVANNY VANCE, B.S., 1953
ROBERT EUGENE VANORDER, B.S., Western Illinois University, 1950
CAROL LEE WAGNER, B.S., Eastern Illinois University, 1957
HERBERT JOHN WALBERG, B.Ed., Chicago Teachers College, 1959
FRANCIS MARTIN WALSH, B.S., 1959
JAMES FREDRICK WARNECKE, B.S., Stout State College, 1956
MILDRED MASON WHITTED, B.S., Illinois State Normal University, 1952
BARBARA VICTOR WOLFE, B.S., 1954
MILDRED SPATES WRENCH, B.S., 1957
JAMES WESLEY WRIGHT, JR., B.S., 1954
MARTHA ROSENBERGER ZIMMERMAN, B.S., 1958

Degree of Master of Social Work

- JOHN BARGAMIAN, A.B., Fresno State College, 1950
 ROBERT WILLIAM BARNES, A.B., Central Michigan College of Education, 1954
 ALICE ELEANOR BEILIN, B.S., Northwestern University, 1946; A.M., University of Chicago, 1953
 LOUISE SINGLETARY BROWN, A.B., Dillard University, 1935
 ANNIE ORRIE FRASER, A.B., San Francisco State College, 1936; M.R.E., Northern Baptist Theological Seminary, 1952
 DONALD WARD HART, B.S., 1957
 VIRGINIA LOIS HOMAN, A.B., Rockford College, 1951
 MARY EDNA JONES, A.B., A.M., Creighton University, 1944, 1951
 COLLEEN MARY KELLY, A.B., Rosary College, 1947
 NATALIE DICKMAN KUTNER, A.B., Columbia University, 1957
 MARGARET LORA LEPPER, A.B., Iowa Wesleyan College, 1951
 DAVID RICHARD MARTIN, B.S., Bradley University, 1959
 JAMES ALFRED MCDANIEL, A.B., Johnson C. Smith University, 1953
 JAMES ROBERT NORWOOD, B.S., 1938
 NELL PERCIVAL, Ph.B., Marquette University, 1947; M.S., Purdue University, 1952
 CONSTANCE ELIZABETH PERRY, A.B., Syracuse University, 1938; A.M., Scarritt College for Christian Workers, 1952
 HUBERT OTTO PETERSON, A.B., Augustana College, 1949
 JOANNE MATIE PORTER, A.B., Macalester College, 1953
 MARY-JANE FEARY RAND, A.B., University of New Hampshire, 1956
 DUANE MORRIS ROBINSON, A.B., A.M., University of Washington, 1935, 1939; Ph.D., Columbia University, 1945
 JANE ALICE STUNTZ, A.B., Ohio Wesleyan University, 1952; A.M., Vanderbilt University, 1955
 LAURA COLEMAN TARTT, B.S., Hampton Institute, 1943
 HELENE WOOLDRIDGE THOMAS, B.S., 1933
 DONNA LYNN WEISS, A.B., 1958
 JAMES ROBERT ZABORSKY, A.B., Valparaiso University, 1958

Degree of Master of Fine Arts*In Landscape Architecture*

- RANJIT KUMAR DHAR, B.Arch., Indian Institute of Technology, 1959

In Painting and Printmaking

- BRUCE GORING DEAN, B.F.A., School of the Art Institute of Chicago, 1956
 ELAINE ADRIENNE GATES, B.F.A., 1958
 HARRY IRVING GATES, B.F.A., 1958

Degree of Master of Accounting Science

- DANNY DEAN DIRKS, B.S., University of Dayton, 1959
 EDWARD FREDERICK FREDERKING, B.S., 1959
 BUREN THOMAS HAYNES, B.S., 1959
 ARTHUR DONALD NORDENBERG, B.S., 1955; LL.B., Harvard University, 1958
 RICHARD JOEL SENNEFF, B.S., Iowa State University of Science and Technology, 1959
 JAMES ARTHUR VICKREY, B.S., 1959

Degree of Master of Architecture

- HWEI-CHIH HSIU, B.S., Taiwan Provincial Cheng Kung University, 1953
 HAROLD JAMES MILLER, B.S., B.Arch., Kansas State College, 1952, 1952

Degree of Master of Laws

- RICHARD ALEXANDER MICHAEL, B.S., J.D., Loyola University, 1955, 1958

Degree of Master of Television

- JAMES RALPH KENNEDY, A.B., 1957

Advanced Certificate*In Education*

KATHERINE ANN MCKNIGHT AGRE, A.B., Regis College, 1950; Ed.M., State Teachers College (Bridgewater, Massachusetts), 1957
 CHARLES DICKINSON BAIN, B.S., Northern Illinois University, 1948; Ed.M., 1952
 MARY ANN GARRETT DIXON, B.S., Southwest Missouri State College, 1955; Ed.M., 1958
 GLENN DONALD GILBERTSON, B.S., M.S., Illinois State Normal University, 1946, 1952
 DOROTHY ARONSON LIGHT, A.B., University of Michigan, 1952; Ed.M., 1958
 HERSHEL NEWCOMB, B.Ed., Southern Illinois University, 1938; M.S., 1939
 RIYAD ZAKI OUSTA, A.B., A.M., American University of Beirut, 1954, 1957
 BILLY JOE PRIEST, B.S., A.M., Murray State Teachers College, 1950, 1951
 EMMA MARY RASMUSSEN, B.S., M.S., 1938, 1941

COLLEGE OF AGRICULTURE**Degree of Bachelor of Science***In Agriculture*

DAVID EARLE ANDERSON	FRANK EDWARD HAYWARD
DAVID MILTON ASH	ROBERT LEEROY HEAVNER
JAMES PHILIP BALZER, Honors	KENNETH WILLIAM HELGESON
JOHN PAUL BASYE	ROGER LEE HIGGS
PAUL GEORGE BENNETT	KENNETH RONALD HILL
LEO EDWARD BERGSCHNEIDER	ROBERT WENDELL HOLMES
ROBERT JOSEPH BOEHLE	ELMER MERL HOLT
JAMES SCOTT BOWERS	ARTHUR KARL HOMANN
KENNETH ELDON BRANCH	JOHN LOUIS HUBERT
JOHN ROBERT BRAYFIELD	JAMES EARL HURST
VERNON LEE BRAZLE, Honors	HAROLD LEE JEPSON
NEAL HIGHTOWER BRIDGWATER	THOMAS RAY KNOX
CURTIS GILBERT BROCK, Honors	GARY LEE LAWSON
RAY LOREN BUHRMESTER	LARRY FRANK LEWIS
WILLIAM JOHN BURKE	RICHARD THOMAS LONG
JAMES CALVIN CANNON	KEVIN JOSEPH LYONS
DALE ELMER CARLSON	BERNARD ALBERT MALO
JACK ALLAN CAVANAH, Honors	DONALD ROGERS MAPES
TILFORD ROBERT CLINE, Honors	NORMAN EDWARD MAYER
ROBERT HOWARD COFFMAN	WILLIAM WARD MCCARTNEY
GARY LAVERNE COWMAN	ALLEN CHESTER MCCOWAN, Honors
MERRILL OTTO DIERKER	KERMIT MONROE MCKEMIE, Honors
ELDON RUSSELL DILWORTH, Honors	WILLIAM DAVID MCMURTRY
WILLIAM HUMPHREY DOOLEY	JAMES ORA MELTON
LEWIS STANTON DOTSON	DALE EVAN MILLIS
CHARLES BENTON DYSON	DAVID EDGAR MOORE
NORMAN FREDRIC EHLERS	ELDON LEROY MYERS
ROLLAND ARTHUR EKENA	RONALD KEITH MYERS, Honors
ORA DONALD FARR	MAX ALAN OLSON
ALLEN DAVID FECHTIG	ROBERT CHARLES OSTERMEIER
NORMAN EDWARD FECHTIG	LEATON DEE PERKINSON, High Honors
LESLIE TERRANCE FLATT	LUKE WILLIAM PHELAN
HAROLD DUANE FORT	ROBERT HAROLD REINERS
RICHARD ROSS FREITAG	ROBERT LOGAN ROLLER
LYLE ELBERT FUNKHOUSER	LARRY DWIGHT ROTH
ROGER HOWARD GALLUP, Honors	JOHN NEIL RUTGER, High Honors
JAMES CLARK GAY	JAMES RIDGLEY SAER
TERRY LEE GEILING	HARRY LEONARD SATTERTHWAITE
WILLIAM LAVERNE GENGEBACH	EDWARD HENRY SCHLOZ
JOHN IRVING GOODRICH	DUANE HERBERT SCHROEDER
LOVELL LLOYD GREEN	NEAL HOWARD SETCHELL
WALTER EUGENE GRIFFITH	MAX LEON SHOBE
FREDRICK JOSEPH HAMMAN	DONALD LEE SMALLWOOD
MARVIN ARTHUR HANSEN	GEORGE EDWARD SMITH, JR.

STEVEN ROY SMITH
 RICHARD PRYCE SNODGRASS, Honors
 THOMAS EDWARD SORRELLS
 DALE HERMAN CHARLES STORCK
 RONALD WALTER STUKENBERG
 JACK THOMAS SWEENEY, Honors
 LOREN WILLIAM THEILEN
 JAMES YATEMAN TOLLE
 ROBERT PAYNE TUNNICLIFF
 WILLIAM GEORGE UHLMAN, Honors
 RICHARD JAMES VATTHAUER, Honors
 LOUIS HERMAN WAGNER

GLEN DAVID WEBER
 GARY LYNN WELLS, High Honors
 HESTON KENT WESSON, Honors
 JOHN ROBERT WILSON
 RONALD EUGENE WINDY
 JAMES EARL WISE
 RICHARD ALLYN WISSELL
 NEAL MOFFITT WRIGHT
 DAVID ARNOLD YAEGER
 ROBERT DALE YOUNG
 JOHN FRANCIS ZIESERL, Jr., High Honors

In Dairy Technology

JOHN FRED HOMEIER
 EDWARD ALBERT LAWTON, JR.

RONALD LLOYD MONTGOMERY
 ROBERT LEE SCHWARBERG

In Floriculture

ELIZABETH ANN HUBBARD, Honors
 JOSEPH MATTHIAS KELLEN

JAMES JOHN McLAUGHLIN

In Food Technology

FLOYD ELGIN PETTIT, JR.

MARIA POROCH

In Forestry

JERRY RAGNAR NILSSON

RONALD LEE RUSSELL

In Home Economics

SAVILLA WILLIAMS ANDERSON
 COENA BLOSSOM BLAIR
 JOAN SHARON BOLIN
 SARA EDGELL BONKOWSKI, Honors
 VIRGINIA SMITH BRAY, Honors
 BARBARA ANN BUENTE
 RUTH HOLSTRUM CHILDERS
 HELEN MARY CULKIN
 DORIS DALE FAGO
 SHIRLEY JEAN FRANKLIN
 CAROLE JOYCE FRIS, High Honors
 ROSEMARIE SIEGRIST GEU
 JOYCE DIANA GLINZ
 PATRICIA MARY GORMAN
 DELORIS JOANN GREGORY
 JUNE LOUISE HEFTER
 NANCY MARIE HERMAN
 AUDREY CAROL HUCK, High Honors

BARBARA MARILYN JOHNS, High Honors
 SUE TAYLOR KNIGHT
 MARY SCHRADER LANE
 JUDITH KAY LEMNA
 DEIRDRE LINDER
 KATHRYN LUCILLE MANNING
 LINDA LEE MOOBERRY, High Honors
 NANCY FUNKHOUSER O'BRIEN
 RUTH ANN PITELKA
 SANDRA BETH RAYBURN
 JEANINE RUTH SANQUIST
 MARYLYN ANN SCHMEICHEL
 JOANNE KAY SPAIDE
 OPAL LEE READ TALBERT
 SANDRA VERNON WINTER, Honors
 JULIA FEDDERSEN ZENK
 CYNTHIA BEI-LING ZUNG

In Home Economics Education

MARY JANE BABLER
 MARY JEAN BLAIR
 KAY HELEN BRADSHAW
 CAROL DIANE DICK
 JUDITH ANN FAHNSTROM
 VICTORIA KAY FEIT
 JEAN PIGOTT GILKISON
 CAROLE DARLENE GRANT
 MARY LEE HAHN, Honors
 ARDIS ELEANOR HILL
 MARY ANN INWOOD, Honors

SUZANNE LYNN JEFFRIES
 ANN TICE PATTON
 CAROLYN MARIE PETERSON
 JANET JO POMERENKE
 LYNNE DIANE RADER
 MYRNA ALENE REA, Honors
 CAROL SUE ROBISON
 ELSIE LOU ROBISON
 ARLENE MARIE STEMLER
 CAROL DAWN WOOD

In Restaurant Management

DANIEL ALDEN DAMON

COLLEGE OF ENGINEERING**Degree of Bachelor of Science***In Aeronautical Engineering*

JOHN LAWRENCE ANDERSON
 RICHARD LYLE BIELAWA, High Honors
 BILL RAY BOYD
 WILLIAM ROBERT CASEY
 NORBERT CHUTRAU
 HARRY BERNARD DYNER, Honors
 HARRY THEODORE EKSTRAND, Jr.
 RICHARD EUGENE GARDNER
 HENRY KATZ
 LEON CAROL KELLER, High Honors
 JERRY DALE MACAFEE
 WAYNE ARTHUR MADSEN, High Honors
 RICHARD OLIVER MCGUIRE

FRANCIS JOSEPH MELANIPHY
 HAL GILPIN MEYER
 WILLIAM ANTHONY MEYER
 JOHN RICHARD NIEMANN
 RICHARD GILBERT OLLILA
 GEORGE GUY RICH, JR.
 KARL GERALD SANDBERG
 LAMBERT TAYLOR
 STANLEY PETER THELANDER
 NOEL AUSTIN THYSON, Honors
 ROBERT SHIMMIN TRIPP
 RONALD HENRY URBAN
 WILLIAM FRANCIS WOLZ
 DANIEL HOWARD YOUNG

In Agricultural Engineering

JOSEPH JOHN CLEGG
 EARL EUGENE EVANS
 KENT RUSSELL FRANCIS, Honors
 LYLE ELBERT FUNKHOUSER
 VERNON PATRICK GILLESPIE
 FRANK EDWARD HAYWARD
 LARRY FRANCIS HUGGINS, High Honors

EUGENE FREMONT LEACH
 DELMER REYNOLDS NELSON
 ROBERT EARL REINTS, Jr., High Honors
 CHARLES KENNARD SPILLMAN, Honors
 DON ROBERT STOUT
 GARY LYNN WELLS, Honors

In Ceramic Engineering

ROBERT JETHRO BAKER, Jr., High Honors
 JAMES CLEMENT BLOME, Honors
 DAVID WILLIAM CARTER
 MARTIN MICHAEL CHERGOSKY
 DEANE GERALD CRAMER

DALE EDWARD GIESEKING
 DAVID CHARLES HANSON
 JAMES ALLEN LAIRD
 LEONE PHYLLIS MURPHY
 JAMES JOSEPH SPACHMAN

In Civil Engineering

JAMES HENRY AIKMAN
 HENRY RAYMOND ALBIN ANDERSON, JR.
 JOHN ERNEST BADO
 LARRY LINCOLN BEARMAN
 IVAN PAUL BERK
 MARLIN KEITH BETTS
 RICHARD LUKE BOLTON
 CLIFFORD OTTO BROUK
 HAROLD GENE BUDKA
 JOHN BRINTON CARLISLE, Honors
 NORMAN DEAN CLAASSEN
 MELFORD ARTHUR DAHL
 BARRY JO DEMPSEY
 WILLIAM ARTHUR EYRE
 ALLEN EUGENE FEHR
 HENRY LEONARD GILL, Honors
 JAMES ROBERT HETTICK
 LYLE WINDSOR HUGHART
 ALBERTO ILIÁN ROBLEDO, Honors
 DAVID ERIC JAHN
 ROBERT MILLARD JONES, High Honors
 THOMAS WILLIAM KENNEDY, Honors
 RICHARD STANLEY KRAMKOWSKI
 RILEY JACKSON LANE, JR.
 ROBERT GREGORY LOCKHART
 MARTIN JAMES MANNING
 GUY JOSEPH MARELLA
 JERRY RICHARD MASTERS

JAMES JOSEPH MCCARTHY, JR.
 DAVID EDWARD MCCrackEN
 GABRIEL MEDIALDEA GUINAND
 RICHARD WALLACE MILLER
 ROBERT ALLEN MILLER
 BRENDAN THOMAS NELLIGAN
 JOHN JOSEPH NEMSICK, JR.
 VICENTE NOERO PERNA
 DAVID RALPH OSMUNDSEN
 ALVARO PEÑUELA SALGADO
 FRANK ADOLPH PETERLIN
 LEROY DAVID PETERSON
 JOHN MARVIN RIEMER
 JACK BYRON RITTER, High Honors
 GEORGE WILLIAM ROGAN
 LARRY SAKUJI SAKAMOTO
 JOHN LLOYD SANFORD
 DON PAUL SCHEULIN
 RUSSELL JOSEPH SCHIELE
 E. DOUGLAS SCHWANTES, JR.
 DONALD DAVID SHEFFER
 ROBERT STEPHEN SHIERRY
 FRED JOHN STONE, JR.
 MARSHALL RAY THOMPSON, High Honors
 DOUGLAS AYER WALLACE
 GERALD FRANCIS WHEELER

In Electrical Engineering

ROBERT ROY ANDERSON, Honors	FRANK ANTHONY LEINGANG, Honors
ROY VERNON ANDERSON	RALPH JOSEPH LEUSCHKE
DAVID MYRON ARKIN	ALBERT ALAN LONGNECKER, High Honors
HAROLD GEORGE BAKER	DAVID OWEN LORD
JOHN RICHARD BARTSCH	STEPHEN BARRY LUCAS, Honors
SHELDON THEODORE BECKER	CHARLES NELSON LYNK, Jr., High Honors
ELVIN JAMES BEYER	EMIL MALAVOLTI
ROY JAMES BIONDI	GLEN AARON MALMQUIST
JOSEPH ANTHONY BORGRA	KOURKEN ARZUMAN MARDIROSIAN
GEORGE PRYOR BOSSARTE	ARTHUR MARVIN MELVIN
JACK LEO BRADBERRY	HENRY MERKELO
JEROLD RICHARD BRYANT	RAYMOND YIN-CHEW MOY
VERNON GENE BUXTON	WALTER JOSEPH MOZDZEN
FRANK CHING YOU CHEN	CYRUS GEORGE MUETH
JOSEPH ZUEN YUEN CHEN	CHARLES EDWIN MULLET
WILLIAM RANDOLPH COGGINS	GERARD LOUIS MURPHY
NORMAN BERNARD CONWILL	RAYMOND JOSEPH NICCOLAI
JOHN LEONARD COOMBES	ROBERT FRANCIS O'HARE
JAMES EDWARD DEGENFORD, High Honors	WALTER JOHN OKON
JAMES LAWRENCE DEHASS, Honors	JOHN WILLIAM PENNINGTON
RICHARD AUGUST DETERS, Honors	JOHN WALTER PETERMAN
JAMES PETER DEUEL	STANLEY RICHARD PISZCZEK, Jr.
JACK LEE DIEFENTHALER	JOSEPH LEONARD PODOLSKY
BYRON COLLINS DRACHMAN, Jr.	RAYMOND RUSSELL POWELL
ROBERT JOHN ERICKSON, Honors	JERRY LEE PRESS
RICHARD JEROME ESPINOZA	ARTHUR TA-SHIANG PU
CHARLES CLARK EVANS	JOSEPH ROBERT PURVIS
JULES DAVID FALZER	THOMAS BRENDAN QUAD
JOSEPH KOLEMAN FLEISCHAKER	THOMAS MACKLIN REEDER, Honors
JOHN LAWRENCE GEISINGER	ANTHONY ANDREW REPETA
GEORGE HENRY GERSTMAN	LARRY FREDRIC ROSE
FRANK CARMELO GIARRIZZO	EDWARD THURBER ROSS
JOSEPH EDWARD GREGORICH	RICHARD ALLEN RUPPEL, Honors
LAWRENCE STANLEY GRYGIENC	STANLEY PAUL SCESNEY
HENRY GRYNBAUM	GEORGE LEE SCHAECKENBACH
DONALD HERMAN HABING, Honors	WILLIAM DANIEL SIMON
ROGER LYLE HARRISON	DALE ARNOLD SMITH
LAGRANDE ORLEY HATFIELD	LOUIS STANLEY SMULKSTYS
WALTER LEE HEIMERDINGER	LOREN DALE STROHMAN
JOE ROBERT HILL	GORDON FAY STUART
DONALD EUGENE HINDERLITER	LINDELL ERNEST THILKER
WILLIAM STANLEY HINDS	JOSEPH ERNEST THORNTON
DENNIS LEE HOGAN, High Honors	PETER TOULIOS
DONALD DEAN HUIZINGA, Honors	ALEJANDRO VALENCIA
JOHN HARRY HUTTENHOFF, High Honors	JAMES JUDE VANDEMORE
ALBERT SCOTT JOHANNSEN	RAYMOND ALEXANDER VOSS
RONALD CHARLES JOHNSON	ALBERT MAX WANNINGER
KENNETH EARL JONES	RICHARD AUGUSTUS WEBB
FRANK FREDRICK JURKOVICH, Jr.	JOHN RICHARD WERNER, High Honors
WALTER SAMUEL JUSTICE	JOHN LYLE WESTROM
EUGENE FRANKLIN KALLEY, Honors	EDWARD LAWRENCE WINDOM
EDWARD LEE KANAK	PHILIP YOH, High Honors
THOMAS TOMOO KANETAKE	OI WUN YOUNG
THOMAS FRANCIS KILCOYNE	ALLEN JAMES ZABRANSKY
GILBERT DUANE KINGERY	ROY EUGENE ZAVER
JOHN ANDREW KOERNER	WALTER EDWARD ZELASKO
DONALD KENNETH KOTECKI	HANS PETER ZELL
WILLIAM EDWARD KUNZ, Honors	EDWARD EARL ZESCH
KENNETH LAWRENCE LAPLANTE	JEROME CLIFFORD ZIS
ERWIN CLAIR LAWSON, Honors	

In Engineering Mechanics

DONALD HARRY ANDERSON
 THOMAS HENRY BURKHART
 DONALD EARLE CARLSON, High Honors
 WILLIAM HOWARD COLLINS
 BOBBY JOE COLVIN
 GARY ROSS HALFORD

DONALD C. HUFFAKER, High Honors
 JEROME EDWARD JOBARIS
 SANG BO KIM
 JOHN WILLIAM MELVIN, Honors
 FLOYD ROBERT TULER

In Engineering Physics

JOHN PETER BERNEY
 DAVID GEORGE CLAY
 JOHN RICHARD CLEM, Honors
 JOSEPH ROBERT CUDZIK
 ROGER MALCOLM DERBY
 KARL ROBERT GARDNER, Honors
 EDWARD RAY GRAY, High Honors
 WILLIAM JAMES HANKO
 PAUL GATES INGERSON
 RICHARD DIMICK JENKS
 ERIC NEAL KOCH, High Honors
 ROBERT MAURICE LANSFORD, Honors
 LOUIS JOHN LANZEROTTI, High Honors
 DOUGLAS MARTIN LAPP, Honors
 ELMER EUGENE LEWIS

PAUL RICHARD LIPINSKI
 DON LEROY MUELLER
 RUSSELL LEWIS PUTNAM
 CHARLES FRANK REINHARDT
 LESTER PAUL RIDDLE
 DAVID JULIAN SELLMYER
 ROBERT JAMES SPRY, High Honors
 ROBERT THOMAS STRUZENBERG
 GEORGE RICHARD WAGNER
 ALEX CASEY WARN-VARNAS
 ROBERT WILLIAM WEINERT
 LARRY LINDER WHEAT
 MICHAEL GEORGE WILSON
 JOHN TALLEY WINTHROP
 GERALD LEE WITT, Honors

In General Engineering

JACK WILLIAM DREWS
 REAUGH EATON
 ALAN EARL GOSNELL
 JOHN RUSSELL GREEN, JR.
 WILLIAM MARVIN LITTMANN
 ROBERT THOMAS O'LEARY

THOMAS ALVIN PRICKETT
 NORMAN HENRY SMITH
 HAROLD ROBERT TROUT
 THOMAS HENRY WALKER
 RONALD EUGENE ZACHARY

In Industrial Engineering

PAUL ROGER ANDERSON, JR.
 THOMAS LADENDORF ARZT
 ROGER KENNETH HEATH
 ROBERT LOMBARD HUNT
 KARL WILLIAM KOLB
 LLOYD JEROME LINDE

JOHN ERIC NELSON
 DONALD LEWIS REICHMAN
 JORDAN IRA ROTHEISER
 MARTIN JOSEPH SHEAHAN
 LAVERNE FRANCIS SPENCER
 JAMES OWEN SULLIVAN

In Mechanical Engineering

THEODORE LEE ABELL, JR.
 EUGENE VICTOR ABRAHAM
 ERNEST DONALD ANDERSON
 LUIS ENRIQUE ARCHILA REYES
 ROBERT HENRY BARR
 JUAN PABLO BARRETO CAIPA
 EDWARD JOHN BAUMANN, High Honors
 JOHN OTTO BECKER, Honors
 HAROLD MARTIN BIRMINGHAM
 ROGER HENRY BLIND, High Honors
 WILLIAM ROSS BOHN
 DALE CHARLES BRINKMANN, High Honors
 FORREST LAWRENCE BUCHEL, JR.
 FERNANDO CABALLERO ARROYO
 GUY THOMAS CASTINO
 PAUL CHAN
 GEORGE PETER CHICOURIS
 THEODORE LESLIE CIASTO
 ROBERT CHRISTOPHER DELLERT
 PHILIP JOHN EGIZIO
 SHLOMO FELDMAN

WILLIS IRWIN FINLAYSON
 GLENN BURNETT FINNEY
 ROBERT MILLS FRULAND
 ROGER WAYNE GALLINGTON
 LYLE LEITH GRONEMEIER
 JEROME FRANK HAAS
 MARTIN JAMES HAAS, JR.
 RICHARD CARL HANSEN
 ADOLPH HARTFIELD
 CHARLES ARTHUR HIATT
 BRADLEY BURR HORTON
 GLENN ROY HUDRLIK
 HIDEO IDEHARA
 DONALD CRIS JARKE
 WILLIAM HENRY JOHNSON
 RALPH FRANK KAMMERMEIER
 ROBERT RAY KELLY
 JOHN ALBERT KOEPKE
 ROGER VINCENT KROLAK
 DAVID PETER LAUFER
 WILLIAM HENRY LAWYER
 HAROLD REEVE LETT

WILLIAM THOMAS LINKUS
 EDMUND JOHN LISS
 JAMES EMMETT MADING
 ARLAN GENE MARTIN
 MICHAEL EUGENE MARTIN
 BERNARD JAMES McANDREW
 NORMAN JOSEPH McCORMICK, High
 Honors
 JAN MIELESZUK
 THOMAS OWEN MOSILLO, Honors
 JAMES MUSKAL
 EDILBERTO OTALORA DIAZ
 WILLIAM DAVID PENNIMAN
 LINN ALBERT PETERSON
 RONALD MARTIN POPPE
 MARK HINTON RAYMOND
 CORDELL REED
 CHARLES JOHN REHLING
 NORMAN WAYNE REINBOLD

DONALD ANTON ROBINS
 WILLIAM MARTIN SAILORS
 DONALD KAY SCHLUETER
 MARLIN DEAN SCHUTTE
 ALBERT MICHAEL STANEVICH
 WILLARD HARRISON STANLEY
 EDWARD HERMAN STEELE
 RICHARD DANIEL STONE
 BYRON WILLIAM STUTZMAN
 FREDERICK CARL TAUBE
 ARTHUR BRYANT TENNELL
 DARYL ROBERT THOMAS, Honors
 RONALD FRANK WEBER
 STANLEY MAURICE WEISS, Honors
 CARL JOHN WILK
 EDWARD MINGCHI WU
 GEORGE FRANCIS ZEHNER, JR.
 FREDERICK DAVID ZIKAS

In Metallurgical Engineering

ALFRED JOSEPH BONFIGLIO
 MICHAEL GARM COLEMAN
 RUSSELL EDWIN DUTTWEILER

GEORGE MAH
 CARL DAVID WEISS

In Mining Engineering

JOHN YATES ADAMS
 GERRY ALLEN GRAHAM
 WILLIAM JAMES KARWOSKI, Honors

JOSEPH CHARLES SALVATO
 RONALD KAY SPRAGUE
 KENNETH EARL WOOD

Degree of Bachelor of Naval Science

LAWRENCE ALEXANDER LUTHER

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

MARK JAY ABRAHAMSON
 FRANCES GRANT ADAMS, Honors in
 Liberal Arts and Sciences with
 High Distinction in English
 WARD THOMAS ADAMS
 ARTHUR ALAN ALPERT
 CHARALAMBOS THEODORE
 ANAGNOSTOPOULOS
 BEATRICE JOY ANDERSON
 GEORGE PAUL ANNES
 JEAN APPLEMAN, Honors in Liberal
 Arts and Sciences
 RICHARD ANTHONY ARCHBOLD
 CONSTANCE ARGRES
 JUDITH GAIL ASH, Honors in Liberal
 Arts and Sciences
 CONSTANCE MARIE ASHMORE, Honors in
 Liberal Arts and Sciences
 JERRELL STROTHER BABB
 LUCIA IRENE BACKUS, Honors in Lib-
 eral Arts and Sciences
 BARBARA LOUISE BAILEY, Honors in
 Liberal Arts and Sciences
 MARGARET LYNNE BALDWIN
 MARION IRMA BANISH, Honors in Lib-
 eral Arts and Sciences with High-
 est Distinction in Psychology

RICHARD KEITH BECK
 JANICE FRANCES BENGTSON
 CAROL JEAN MARSH BENNETT
 LINDA LEA BENNETT
 ROBERT BERKE, Honors in Liberal Arts
 and Sciences
 DAVID IRA BERMAN, Honors in Liberal
 Arts and Sciences
 AARON MORRIS BINDMAN
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 JAMES RANDALL GILLESPIE, A.B., Hamilton College, 1957
 LOIS JOY HARRIS, A.B., Knox College, 1930; A.M., University of Arizona, 1941
 HARRY DONALD HARTEL, JR., A.B., 1958
 MAURICE EDWARD HEBERT
 CHARLES CARROLL HINES, A.B., Southern Illinois University, 1954
 RICHARD McMILLAN HULL, B.S., 1955; M.S., 1958
 LAWRENCE DEXTER INGLIS, B.S., 1957

JOHN ANTHONY KEATING, B.S., North-
western University, 1957
JAMES PATRICK KELLY, A.B., 1959
RICHARD JAMES LANNON, JR., B.S., 1956
RICHARD JEFFREY LARSON, A.B., Wart-
burg College, 1957
LOUIS EDUARD LEMP, A.B., 1954
DELBERT STEPHEN LYLE, B.S., 1959
JAMES WATERS McROBERTS, JR.
DAVID EUGENE MURRAY, A.B., 1957
FRANCIS JOSEPH NOWIK, B.S., 1955
LOUIS ELDON OLIVERO, B.S., 1954
SHELDON RUBIN, B.S., 1957
MORTON ALLAN SEGALL

WILLIAM HOLLAND SNIVELY, A.B., Uni-
versity of Colorado, 1957
GEORGE ROBERT STEVENS, B.S., 1957
THOMAS CREAGER STIFLER III, A.B.,
1956
LEO JAMES STRUIF, B.S., Northwestern
University, 1954
RICHARD HARPER TEAS, A.B., 1957
RODNEY ORRIN THORSON, A.B., 1954
WILLIS ROLLIN TRIBLER, B.S., Bradley
University, 1955
DOANE KENT TRONE
KIRTLEY EVERETT WILSON, B.S., 1957

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In Education

LOUIS DELBERT AUDI
LUCY ELAINE BAKER, Highest Honors
ROBERT CHARLES BANASH, High
Honors
ROSANNA LEDBETTER BARNES
WILLIAM ALAN BEAN
NANCY ROCHELLE BERMAN
HELEN JACOBS BLAKELY, Highest
Honors
MARY LOUISE BRAMER
WILLIAM MCGREGOR BRIDGELAND
CAROL LEE BROWN
DIANA KAY CHILES
HILLIS RAY COLE, JR., Honors
CHARLES FRANCIS DAIGH, Highest
Honors

ALFRED STEWART DAVIS
SEYMOUR GARB
PAUL LEO HUTTENHOFF
NORMA LOY JONES
ANITA ETHEL KLEIFIELD
ROBERT PAUL KRIEGER
ALICE LORRAINE SHOGER, Honors
IRIS PAULINE SIEGEL
JOEL HERMAN SWARTZ
ALFRED DONNELLY VOSS
JUDITH ARLENE WAITZMAN
RAYMOND DEAN WALLEN
SHEILAH RUTH WILSON
WILLIAM JUSTIN WORTHLEY

In the Education of Mentally Handicapped Children

MAXINE LEE AYRES
BARBARA JANE BORNHOEFT
SARAH ANNE BURKE
ESTHER DIANE HIRSCH, Highest
Honors
MARY KAMLYNN KEYES
THELMA LOUISE KING

CHRISTINE MARIE KURTH
ANITA ELAINE LAPINSKAS
SUSAN RUTH MOLDAI
PATRICIA MARIE MONTGOMERY
ARLENE VALENTINE PANEK
SARAH ISABELLE WHITING

In Elementary Education

BARBARA ALEXANDER
JANE ELIZABETH ALLISON
ANITA MARIE ANDERSON, Honors
SUSAN MARSHALL ATWELL
JEANNE GANTT BANASH
ANNIE PEARL BANNISTER
IDA BARTELSTEIN
SUSAN ANN BASEDOW
SALLY LOU BLACKER
LINDA GAIL BOND
MERYL BERGER BRODSKY
NANCY KIER BROWN, Honors
JOHN McTAGGART BUSTARD
ARLEEN SCHOEN CADWALLADER
JEANNE SLOVACEK CASEY, Honors
SHARON LEE CASSELL
BARBARA LOUISE CITTI
FLORENCE MARIE CLAUSON

TANYA COHEN
LAUREL ANNE CONRAD
MARY LINDA COOPER
GLORIA MARY COPP, Honors
MADALENE MAYO DAVIS
NANCY ELIZABETH DIXON
MARY VIRGINIA DOMMERS
KIRBY JOHNSON DOYLE
JEANETTE QUESNELL EICHSTAEDT
PAULA FEINBERG
ANN MACLAY FERRY
ELIZABETH JEANNE FIEDLER, Honors
MARTHA ROSE FISHER
MARY MARGARET FOERNER
SHARON ELAINE FRIELICH
JUDITH KAY GABEL
IRENE ELIZABETH GABOR
CAROL JEAN GETZ

SANDRA NADALIN GILLER
 DONNA JEAN GLEASON
 LINDA GOLDSTEIN
 MARJORIE ANN GRIFFITH
 EVELYN ROSE MARY HAMMEL
 MARSHA ELAINE HANSCOM
 SHARON REESE HARTLEY, Honors
 BARBARA RUTH HARTSTEIN
 MARGE ANNE HELGREN
 MARY ALICE HENNESSY
 HELEN BERNICE HILGENDORF
 CHARLOTTE HARLIN HORTON
 LORENE BOTTORFF HULL
 PATRICIA ANN HUNTER
 JEAN ELIZABETH JACOBSON, High
 Honors
 MARGARET JOHN
 RAYNA JOYCE KAMINSKY
 LORENE GEHLBACH KENDALL
 LOIS CATHERINE KENNEY
 PATRICIA ANNE KENNY
 ROXANA A. KENTISH
 ESTHER SINGER KRAMER
 SHIRLEY JEAN KROENCKE
 JEANNE KUSHINO
 ARDITH LOUISE LAMPS, High Honors
 SALLY LOUISE LANGHAAR, Honors
 KAY LINDA LASH
 CAROL PHYLLIS LETWIN
 EVA ANN MANDL
 JEAN ANN MARKESE
 SARA HOYE MARTIN
 KAY MAZE
 MARY LOUISE MEAD
 BEATRICE MILLNER, Honors
 GRETCHEN IRENE MISHNER
 RUTH ANN MOATS
 MILDRED ANN MORRIS
 REBECCA LEE NASH
 CAROL JUNE OLIN, Honors

MARLENE ELIZABETH OLSON, High
 Honors
 MARCIA JOAN PAYNE
 BARBARA JOAN PERRY
 CAROL MARIE PETERSON
 DIANE PRISCILLA PETTINGELL
 NANCY GAYE PIERCE
 DALE PRIMROSE
 DONNA LEE REED
 JANET KAY REEVES
 SUSAN JANE RETTKO
 TEMA BEVERLY RIMLAND
 SHEILA ROBINSON
 CHARLENE JOYCE SCHAUFF
 MARLENE SARICE SILVER
 ANNE ELIZABETH SMITH
 CAROLYN ANDERSON SMITH
 CARLA JOYCE SOMMERFELD
 MARILYN JANE STEPHENSON
 REVA RAE STONE
 ANNETTA SUMMERVILLE STORER
 CAROLYN SUE STUCKER
 EILEEN MARGARET SULLIVAN
 MARY JO TEWS, High Honors
 JANET MILDRED THALMANN
 SUSAN ANN THOMAS
 CAROLYN SUE TULLIS
 DEANNA VAN KLEEF
 MERNA GURVEY WECHSLER
 CAROL KELLER WEIHL
 JUDITH ANN WEITZ
 BARBARA KAY WENBERG
 SHIRLEY KAY WHITAKER
 JOAN BARBARA WILKINSON
 JUDITH ANNE WILLETS
 KAREN LOUISE YEAGER
 SHARON KOSKI YOUNGQUIST
 NORMA JEAN ZARA
 MARILYN JEANNINE ZEITER

In Industrial Education

NORMAN GEORGE KREMER
 GARY FREEMAN MACHON
 DALE VERNON MAURER

MERVYN CHARLES PILOTTE
 ROYD LYNN WEINTRAUB

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

STUART ARKIN, Honors
 DONALD HUGH BERNSTEIN
 SHELDON BERNARD BRODSKY
 STUART SPENCER BROSTOFF
 DAVID LAKE CALVERLEY
 JANET MARIE CHUMBLEY
 LEWIS MORTON COLLENS
 DONALD EUGENE COOPER
 PAUL WILLIAM CRAIG
 WALLACE WILLIAM CREEK
 THOMAS WILLIAM DOUDERA
 BRUCE NIXON DUFF
 MARIE ANN EIGENRAUCH, Honors
 RONALD ZECIL EMMERMAN

SIDNEY FELDMAN
 JANICE HOPPER FIELDS, Honors
 ROBERT HENRY FREITAG, Honors
 JON DALE FRENCH
 WILLIAM STUART GALLAGHER
 ROBERT CLIFTON GEBHART, Honors
 ROBERT DONALD GILBURG
 HERBERT FRED GOLDEN
 EDWARD BURTON GRISWOLD
 NORMAN CORBIN GUSTAFSON
 SEYMOUR GUTZAIT
 WESLEY CHARLES HAAS
 JOHN JOSEPH HALLIGAN
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 AARON BART LEVINE
 SHERMAN LONG
 RICHARD KENT MARRS
 ALVIN MARTIN
 LESTER ALLAN MORRIS
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 FREDRIC PHILLIP MUSSMAN
 RONALD NICKEL, Honors
 JAMES GORDON NUSSBAUM
 THOMAS RONALD ORSI
 THOMAS MICHAEL O'SHAUGHNESSY
 WAYNE PHIL PATKE
 RONALD DEAN PEARCE

RITA CAROL ANN PETERS
 FRANKLIN MILLER PHILLIPS, Honors
 GEORGE JOHN PODLIN
 THEODORE J. RAUCH
 JOAN ADRIEN RINKEN, Honors
 FRED ROTHENBERG, Honors
 JOHN PAUL ROZINSKY
 HENRY JAMES RUSH
 DARRELL EDWARD RUTTER
 HARL EDGAR RYDER, JR., Honors
 ALBERT JAMES SCHEWE
 ROBERT PAUL SCHMIDT
 BARRY EDWARD SEMER
 NANCY JANE SHIPP, Honors
 SAMUEL KNOX SKINNER
 GEORGE LAWRENCE STEWART, Honors
 SUSAN ANN STOVER
 RAYMOND GEORGE SWANSON
 JAMES ROBERT WHITEZEL
 LLOYD LINCOLN WIGHTMAN
 LEO WALTER WYSOCKI

In Commerce and Law

JOHN WILLIAM ROBINSON
 STUART EARL SCHIFFER, Honors
 DAVID BERNARD SCHULMAN

WALWYN MARSHALL TREZISE, JR.
 SIDNEY ANTHONY ZIPPERMAN

In Commercial Teaching

HARRIET AILENE ALBIN
 PHILLIP WILLIAM BROWN
 AUDREE MAE CASSENS
 MARCIA ANN CROSBY
 JUDY ENT

JOYCE LOUISE JOHNSON
 JAMES ANTHONY KUNKEL, Honors
 CAROL JEAN LEONARD, Honors
 MARGARET ANN MORTON
 MYRNA KAY SIEGEL, Honors

In Economics

THEODORE EDWARD ALLISON
 WILLIAM JOHN CARR, JR., High Honors
 LEONARD CHESTER CZARNECKI
 JESSE LEWIS DARNELL
 CHARLES VERNON HENDRICKSON
 BARRY RICHARDSON LEWIS

THEODORE JOHN LOREK, JR.
 JOHN KENT MCCORD
 GLENN JOSEPH MIKYSKA
 MICHAEL ANTHONY PALERMO
 DONALD HENRY THOMPSON
 HUGH ALLEN TYNDALL

In Economics and Finance

PAUL JOHN SWANSON, JR.

In Finance

DAVID HOWARD BOONE
 JON LANDIN BRODD
 ALBERT PETER FOSHA
 FORREST WALTER HUGHES, JR.
 HARRY LOUIS KAVETAS
 NORMAN CLYDE KRAUSE
 JAMES CRAYTON LYTLE
 MICHAEL EUGENE MAGUIRE
 KENNETH LOUIS MAJERCHIN

JAMES LEROY MCCREERY, JR.
 FREDERICK ALBERT NICOLL
 PAUL CHARLES SHAPIRO
 LARRY ASH SHRADER
 WILLIAM RICHARD SOHASKI
 RICHARD PETER THALMAN
 MATTHEW JUNIOR VIGLIOCCO
 SCOTT BENNETT YORK, JR.

In Industrial Administration

JOHN ROBERT ANTONSON
 KATHRYN VIRGINIA BROWN
 KENNETH CLYDE CUMMINGS
 RICHARD LEE EKin

ROBERT ARTHUR LIPPE
 THOMAS RICHARD MOORE
 GERALD CHARLES SWIFT
 GEORGE RUDOLPH TAMPA

In Management

JAN PATRICK BEREZNIAK
 JERALD WAYNE COOTS
 HENRY CHARLES DEGROH, JR.
 VINCENT JAMES DEMARCO
 JOSEPH WAYNE EPKINS
 ROBERT LUTZ FERGUSON
 PAUL FREDERICK GAECKE
 BARRY EATON GAGE
 JOHN PATRICK GATTON
 LEONARD FRED GERTLER
 ALAN JOHN GIBBS
 MARIANO DOMINIC GUZZARDO
 LARRY EUGENE HAUSMANN
 ROBERT LEE HOLZER

FRANCIS GABRIEL KIRK
 ROBERT DUDLEY LEWIS
 DAVID HINDS LYNCH
 JERRY ROBERT MANION
 RONALD WARREN NELSON
 JOHN JOSEPH PODESZWA
 DONALD WILLIAM SCHERER
 HANS JOSEPH SCHMUCKY
 DANIEL JOHN SEILER
 DAVID KIRLEY SHUNICK
 RONALD ARNS SPITZER
 ANTHONY STEPHEN SUSIC
 RAYMOND HARUO WAKUZAWA
 FRANK THEODORE WINTER

In Management and Marketing

BRUCE LOVELL KARR

JEROME PATRICK LAVELY

In Marketing

WILLIAM BRUCE ALLISON
 ROBERT BRADFORD ANTHONY
 CHARLES ALLEN APPEGATE
 JAMES ARMSTRONG BABB
 FRANKLIN BACHENHEIMER
 NANCY GRANT BELL
 LAWRENCE CALVIN BERGNACH
 MARSHALL WILLIAM BLACK
 DONALD REX BUNKENBURG
 ALLAN HERBERT CARNEY
 MARTIN MAX CHASEN
 JOHN SAMMIS COLE, JR.
 JAMES URBAN DODGE
 JAMES ARTHUR DUDLE
 ROBERT JAMES DUFFY
 WILLIAM ROBERT EADIE
 MICHAEL JOHN FARRELL
 VINCENT WILLIAM FOGLIA
 JAY MICHAEL GELLERMAN
 EDWARD LESLIE GERCH
 EARL F. GOLDSTEIN
 BARBARA BECKMAN HECKLER
 WALTER LEONARD HEINTZEN
 LEE EARL HILL
 ROBERT STANLEY ISACKSON
 JOHN GORDON JOHNSON, HONORS
 RICHARD JOHN KASTEN
 RICHARD DEAN KEMMERER
 DANIEL WILLIAM KIRCHHOFF

WAYNE FORREST KIRK
 IRENE LYDIA LANGE, HONORS
 ANNA RACHEL LEIMBACH
 RITA LEVEY
 PHILLIP JOHN LINCOLN
 HERBERT WINTER LUND, HONORS
 ANTHONY GEORGE MAUS
 CAROLYN AGNES McMICKEN
 JOHN THOMAS MOUNT
 FRED RONALD NADZIEJA
 PAUL THOMAS PABEN
 DONALD LOUIS PASSAGLIA
 PHILLIP BRUCE PENNER
 RALPH WILLIAM QUARTETTI
 WILLIAM DAVID ROSS
 JOSEPH JOHN RUNTZ
 TED FRED SMITH
 JERRY DALE STELLE
 PAUL JOSEPH STEWARD
 JOHN FRANK STRIET, JR.
 STUART JEFFERY STRONGIN
 VAHAN CHARLES TATOIAN
 ROBERT ALEXANDER TELFORD
 RICHARD MICHAEL THOMAS
 GEORGE BRUCE TRULL
 BENJAMIN DICKISON WALDIE, JR.
 URBAN ANDREW WEIDNER, JR.
 JOHN THERON WEISENBERGER
 ROLAND ZENON ZAROSKI

In Secretarial Training

JANET KAY ABELL
 VIVIAN NAN BROWN
 BEVERLY JANE GARDNER
 LORNA MAE KLORFINE

ANNE MARIE PRICE
 ELIZABETH MCCOY SHELTON
 SHIRLEY ANNE STIMPERT

In Urban Land Economics

JAMES MICHAEL HUCK, JR.
 BRUCE KERMIT JOHNSON

MAURICE JOHN WEAVER

COLLEGE OF JOURNALISM AND COMMUNICATIONS

Degree of Bachelor of Science

In Communications

ROBERT MICHAEL ASHBROOK	WILLIAM PAUL LAX
STEPHEN SAMUEL BARNETT	ELLIOTT LISNEK
DAVID HAROLD BAUM	DIANE ELIZABETH MALMBERG
NORMAN GILBERT BEZANE	GORDON EDWARD MALSTROM
FRANK JAMES BIBA (posthumously)	PATRICIA MARY ALICE MARTILA
KENNETH STANLEY BROUN	MAE ANTOINETTE MIRTO
CYNTHIA BROWNE	MARGARET MOLITOR
ARLENE ELLEN BRUMLIK	THOMAS BRUCE NOGGLE
EUGENE GERALD BRYERTON	JUDITH JOSEPHINE ONDRLA
CAROL COX BUNTING	LINNEA JUANITA PEARSON, Honors
CHARLES HENRY CLINE	GERALD MARVIN PINES
SHARON ANNE CRAMER	JOHN WILLIAM REDDY
MARYLIN ANN DALY	ALAN JAY SANDLER
JUDITH ANNE DICKINSON	HELEN MARIE SEMIANCZUK
EDELGARD EICHHOLZ	JAMES EDWARD SEYBOLD
MICHAEL FILERMAN	JOHN FRANK SIKORA
MARY KAY FITZGERALD	DONALD WILBUR SKJOLD
JOHN JOSEPH FRANK	ARTHUR PETER SKWERSKI
DAVID ROBERT GAUMER	DALE EDWIN SMITH
WILLIAM IRWIN GOLDMAN	HOWARD MELVIN SMULEVITZ
JAMES MICHAEL HADDIGAN	CYRELLA ANN TARTER
SHIRLEY MAE HILL	VIRGINIA TEMPLE
WILLIAM WINCHESTER HOLMAN,	EVA ELLIS THORBURN
Honors	CAROLE COUSLEY THORNBERRY
ELAINE JOYCE JESMER	WILLIAM RALPH TUSHAUS
MILES BARRY KAPLAN	GEORGE HERBERT VAN WAGNER
JEANNE MARILYN KLIER	JAMES VETOS
JAMES FRED KOBIS	RONALD CYRIL WINCHELL
JOSEPH DEXTER LASKE	

COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Architecture

DAVID ROY ASH	WILLIAM HAROLD FOSSE
KRUNOSLAV JOHN AST	MORTON FRANK
THOMAS JOSEPH BARTUSKA, High	NEIL PAUL FRANKEL
Honors	JAMES EDWARD GARDNER
BILLY BOB BATSON	BOHDAN OLEH GERULAK
JOHN ALBERT BENSON, Honors	PHILLIP GOLD, High Honors
JAMES CARL BLOMQUIST	GERALD JAMES GRETHEN
RONALD LEE BOTNER	FRIEDDOON HAKIMIAN
GIEDRE MARY BULOTA, Honors	RONALD EUGENE HARRIS
JON HENRY BUSSE	RICHARD LEE HARTUNG
HERBERT MARSHALL CAPLIN	PETER MORTON HASSELMANN
WILLIAM LESTER CARROLL	ROBERT LESLIE HIBLE
RAYMOND STANLEY CHOCHOLEK	BRADLEY PAUL HOFFMAN
RUPERT DEWAYNE CONDUCT	CLARENCE CHARLES HOVORKA
WILLIAM EDWARD COOK	KENNETH TERUO INADA, Honors
EDWARD LEANDER COOKE III	MELVIN ALLEN KANTOR
JOHN MICHAEL COZZA	JACK JUNIOR KING
JOHN WICKHAM CRAWFORD	EDWARD LEE KIRK
RICHARD ANGELO DAL BELLO	RICHARD LEE KIRKPATRICK
WILLIAM KASE DAVIS, High Honors	SAUL HOWARD KLIBANOW
JOHN MICHAEL DE LAPP	KENNETH WARREN KLOSS
ANTHONY LOUIS DELEY	DONALD MORRISON KOENIG, Honors
JAMES PAUL DIERKES, Honors	KENNETH PAUL LARSON
CHARLES ERNEST DILLE III	DAVID EBER LAWSON
WARREN GEORGE EDMINSTER	PHILLIP MATT LE BOY
GERALD LIONEL EXLINE, High Honors	KURT LEROY LEDEBUHR

JOSEPH JACOB LEGAT
 WILLIAM JOSEPH LINDSEY
 MAURY LIPOWICH
 ANTHONY MARCHERTAS, Honors
 RICHARD DALE MICHAEL
 WILLIAM LOWELL MILLER
 ALLAN WILLIAM MISTELE, JR.
 JOSEPH DOMENICK MONTICCILO
 FRED DERR MOYER, Highest Honors
 GARY RALPH NAKTIN
 DONALD RAY NICHOLSON
 FRANK KOJI NISHIOKA
 RICHARD ALLAN NORTON
 EARL JAY OHRNSTEIN
 ELFA OZOLINS
 STANLEY EDWARD POCHRON, JR.
 STUART LOOMIS POSSELT

LARRY JOSEPH RAUEN
 LARRY ADRIAN RAY, High Honors
 VYTAUTAS ANTANAS REKLAITIS
 VYTAUTAS RUBAS
 WILBERT ORIN RUETER
 JOHN SPENCER RULE
 ARTHUR WARREN SCHWARTZ
 RALPH RICHARD SHAW
 JERRY COLMAN SHEERIN
 FREDERICK MICHAEL SUTTER
 PETER SOO-LING TAN
 THOMAS GEORGE UMHOEFER
 GWENDOLYN DAVIES URBAN
 LUIS FELIPE VALENZUELA SERRANO
 JOSEPH STROUD WATSON, JR.
 RICHARD LEE WU
 MICHAEL BARRY ZEITLIN

Degree of Bachelor of Fine Arts

In Advertising Design

LEONARD STANFORD ADES
 NAOMI YAIDA BITTERMAN
 JOHN FRANCIS BLEDSOE
 NORMA JEANNE CHRISTIANSEN

NANCY MARIE KOHNER
 DAVID PORTER LAMB
 LAWRENCE CHARLES MILLER

In Art Education

LUCIA ANN ANDRLE
 KAREN LOUISE BERGSTROM
 JEAN CAROL BRUMMER, Honors
 FAITH MILDRED CREMIEUX, Honors
 SUE VELMA GREENBERG
 ROSEMARY JUST

JEANNE FAITH KELLY
 BONITA SUE MELNICK, Honors
 JOY KATHARINE STRAKA, High Honors
 MARIAN ELSIE TRILK
 JOYCE ELIZABETH WILLIAMS

In the History of Art

MARIETTA LUCILLE HERWEG

In Industrial Design

JAMES WILLIAM ANDERSON
 JOSEPH REXEL BACHMAN
 RICHARD GLENN BIBA
 RICHARD CULBERTSON
 DAVID THEODORE DUBBINK, Honors
 WILLIAM LYLE FOX
 MANUEL HERNANDEZ
 THOMAS EUGENE IRVIN
 PERRY CECIL MCCOLLOM, JR.

KENNETH LAVERNE NELSON
 ROBERT KOJI ONODERA
 ROBERT EDWARD RALPHS, JR.
 CHARLES RUSSELL RHODES
 ROBERT REGINALD SQUIRES
 DALIA ELENA VERBICKAS
 PHILIP ALAN WEIBLER
 RAYMOND STEELE WINTERS

In Landscape Architecture

RICHARD CARL BETKER
 CRAIG STEWART CAMPBELL
 PHILLIP EDWARD FLORES
 BERNARD GRACE, Honors
 JOSEPH PAUL KARR

EDWARD JAMES KEATING
 DONALD JOSEPH MOLNAR, High Honors
 WILLIAM JUDSON PORTER
 JERRY RICHARD SLAGLE

In Painting

JOHN ROBERT CRAYNE
 JANET LYNN DOUGLAS
 NICOLE MARILYN GARRISON

PETER ARTHUR HUTCHINSON
 KATHARINE LIBNOCH
 SUZANNE ELAINE PETERS

Degree of Bachelor of Music

ROY JOSEPH ANDREOTTI
 ANNETTE MADELEINE ESSER, Highest
 Honors
 ROBERT EDWIN GRONQUIST, High
 Honors

DOROTHY JANE HANNING
 DONALD HENRY HEITLER
 MARY BAKER MORRISON, High Honors

Degree of Bachelor of Science*In City Planning*

RAYMOND FRANCIS BASTEN
DAVID JOE HUNSAKER
EDWARD DAVID KREINES, Honors
JOHN CUNNINGHAM PETTIGREW

JAMES DAVID RINGE
RICHARD OSWALD ROTH
JAMES GLEN SCHRADER, Honors

In Music Education

ROBERT WILLIAM ACHILLES
DEANNA LOUISE AFRICK, Highest
Honors
NANCY HUTCHISON ANVARI, High
Honors
PATRICIA MARIE BELL, Honors
MARY HELPER CARLOYE, Highest
Honors
ROBERT JOHN CHAYKO
NORBERT WALTER CIESLEWICZ
RICHARD LAMONT CLARK
KATHRYN JEANNE CORBIN
PATRICIA SUE DAVIES
MARGARET ELLEN DEMPSEY, Honors
CHARLES WILLIAM DOUGLASS
FRANCES JUNE FISHEL
SETH WEBSTER FLANDERS, JR.
GEORGE ALBERT FROCK
MARIAN BERNADINE GRONKE
GERALD KERN GROSE, High Honors
JACK PAUL HANSEN

DAVID LAURENCE HUTSON
MAURICE ALLEN JONES, High Honors
JAMES ALAN KELLY
NANCY KATHRYN KNOSHER, Highest
Honors
JUDITH ANN KRAMP, Honors
ROBERT EUGENE LAWSON
DELORIS LOUISE MAULDING
CAROL MILDRED MCQUILKIN, Honors
MARTA ANN MOORE
PARALEE MAE PERKINS
DANNA JEAN RYAN
KAREN LEE SIEGRIST
EDWARD PETER SWEDA
WILLIAM HARPER TREXLER
MARLENE WASHINGTON
EARL JAMES WAY
KAYE DARLENE WENDELL
BONITA EILEEN WILSON, Honors
WILLIAM JOHN WIS, Honors

COLLEGE OF PHYSICAL EDUCATION**Degree of Bachelor of Science***In Health Education*

DONALD LEROY ERICKSON

In Physical Education

KAREN DAE ANDERSON
ROBERT JAMES BECK
KEITH ROBERT BENEDIX
WILLIAM FORD BURRELL
DEJUSTICE COLEMAN
DELBERT LEON COLEMAN
MARVIN ALAN COX
KATHRYN RAY DENEEN
JAMES CLARENCE DESCOROUZ
JAMES GILBERT DIGIROLAMO
JERRY RAY DYCUS
MATTHEW HENRY ELLSWORTH
JAMES FRANCIS ENTWISTLE
LAWRENCE WILLARD GAHAN
CAROLYN FLEMING GALINSKY
LOWELL THOMAS GRATIGNY
GERALD WAYNE GREGORY, Honors
KATHERINE HAMEDER
MARGERY LOU HAMILTON
HAROLD EUGENE HARRIS
JAMES ALBERT HUCKABA
MARTHA CRALLEY HUNTINGTON
MANNIE LEON JACKSON
FRED EDWARD JOHNSON
JUDITH KRUBL KATING
JOHN DAVID KIRCHBERG

KAY JEANNE KIRK
VERNON CHARLES KRUGER
MINA MAISH
JAMES PAUL McNAMARA
PAUL ANGELO MOLE, Honors
ALBERT PIKE MULBERRY
ROBERT LEE JOSEPH NOLAN
ELIZABETH DOROTHY OAKWOOD
LEO FRANK OBRIECHT
NANCY KAY PARKER
GERALD JAMES PATRICK
BARBARA JEAN PATTERSON
EDWARD EUGENE PERRY
BARBARA JANE PETERS, Honors
LAURA ELEANOR QUINN, Honors
EDWARD ROBERT REED
ROBERT EDWARD RETEL
ADA GERTRUDE ROSS, High Honors
THOMAS FRANK RUSSO
WILLIAM ANTHONY SCHRAM, JR.
GAYLAND OMER SCOTT
ROBERT WILLIAM SHAVER
LINDA MARY SORRELLS
DENNISON PALMER STAUB, Honors
RICHARD MYRON STRAUSS
FRANCES BAMBURG STREMMEL, Honors

J. D. SURBER
 GEORGE ALEXANDER TERZIAN
 ISAAH TRICE
 GOVONER VAUGHN
 LOUISE ANNETTE VOLKSTORF

WAYNE REX WHITLATCH
 GLORIA ANTOINETTE WIBIRAL
 SHARON LEE WILLIAMS
 SARAH WROBKE, Honors
 ALBERTA JEAN ZELINSKI, Honors

In Recreation

JOHN HENRY ABELES
 MARILYN MARIE ALEXANDER
 HOWARD IRA BLUESTONE
 BOBETTE ANN BUCHANAN
 DARLENE JOANE CLEVER
 RICHARD GEORGE FLETMEYER
 BARBARA ANNE GILBY

AUDREY SUE GORE
 DEAN ARNOLD HALLERUD
 MARVIN DEAN HEFFINGTON
 JERRY EDWIN McDONALD
 RICHARD DAVID MONTGOMERY
 COURTNEY SUSANNAH READ
 DONNA JEAN ROTT

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

Degree of Bachelor of Science

WILHELM ALBERTIN
 EUGENE WILLIAM AMBERG, Jr.
 STANLEY EDWARD ANDERSON
 GERALD JACKIE BRODSKY
 DEAN ARTHUR DUNBAR
 ELMER DONALD HALLEN
 JOHN CLAY HOLLAND
 JOHN RAYMOND HUTCHINSON
 CHARLES HENRY KELLER, Jr.
 JAMES THOMAS KENDRIGAN
 FLOYD MICHAEL KENLAY
 WILLIAM JOHN LAVIN
 RAYMOND ARTHUR LEBLANC
 WALTER LENZ
 LAWRENCE GREGORY LILLY

JULES CLIFFORD MALESKE
 WILLIAM MAURICE McDERMOTT
 JOHN JOSEPH MCGUIRE, Jr.
 JAMES ROBERT MCKEEVER
 GERALD EUGENE NEELMAN
 CLYDE JOSEPH PARSHALL
 VERNON WALTER PETTY
 PAUL JEFFREY PODMERS
 PATRICK EDWARD RIDGLEY
 JAMES ROBERT SCHERER
 STANLEY ELWOOD STEINKE, Honors
 LEO LAWRENCE SULDA
 BILLY BRUCE TEMPLE
 DONALD RALPH WEINACHT

COLLEGE OF VETERINARY MEDICINE

Degree of Bachelor of Science

In 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
 JOSEPH BERNARD HELMS
 ROGER CLINTON HILL
 THOMAS ANTHONY JANIK
 PHILLIP DUNCAN KERZ
 GEORGE JOSEPH KLEIST
 STEPHANIE ANN KOELLING

MAYNARD LEE MASSA
 PATRICK CARL MATCHETTE
 ROBERT EUGENE MCKINNEY
 LEWIS LLOYD MOHR
 JAMES DAYTON OGDEN
 EDWARD JOSEPH PHELAN
 HERBERT WOLFGANG PREISER
 RONALD GENE ROCKE
 GEORGE ALLEN ROEGGE
 LARRY HUME ROYER
 ROBERT JOHN RUSSELL
 WILFRED THEODORE SPRINGER
 LAWRENCE ALBERT TURNER
 CURTIS LEE WITT
 KENNETH TERRILL WRIGHT

Degree of Doctor of Veterinary Medicine

KENNETH PAUL ALTERA
 ROBERT EDWARD BRATTHAUAR
 CHARLES WILLIAM BROWN
 SAMUEL EDWARD CLEM, Jr.
 LEROY FLOYD ERICKSON
 DONALD PAUL FERLICKA
 KERMIT WILLIAM FRAILEY
 MELVIN DUWAYNE GEIGER

ALBERT GUMINSKI
 WILLIAM JOSEPH HARVEY
 MAX ALLEN HUGHES
 RAYMOND JOSEPH HUSMANN
 ROBERT GEORGE JACKSON
 HAROLD DEAN JAMES
 JOHN LESLIE KNIGHT
 WILLIAM RUDOLPH KOBROW

RONALD JOSEPH KOLAR
 ADAM CZESLAW KOSTECKI
 NELLY EDITH LEE
 ALBERT ARNOLD LEWIS, Honors
 DENNIS KEITH MANN, Honors
 LYNDAL RAY MATTHEWS
 RAY EUGENE MILLER
 EARL EDWARD MONTGOMERY
 JOSEPH LOUIS MUSOLINO
 ROBERT RIX PENSINGER
 DAVID MILTON RASH
 DONALD GENE REEDER
 ROBERT ELLIOT REICHARD

RUSSELL NORMAN REILING
 WINFIELD LAWRENCE SAMUELSON
 HARLEY DEAN SCHNOWSKE, Honors
 PAUL BARTON SMITH
 RICHARD STUART SPIRA
 CHARLES AUGUST STARLING
 ROGER CLAYTON STEPHENS
 VIRDEN LEE TROTTER
 PHILLIP DEAN WATSON
 THOMAS PRESTON WHITE
 LEE OLIVER WILSON
 BYFORD EARL WOOD

Degrees Conferred at Chicago

GRADUATE COLLEGE

Degree of Doctor of Philosophy

Conferred June 10, 1960

In Anatomy

DONALD FAIRBAIRN MACDOUGAL BUNCE II, B.S., University of Miami, 1951; M.S., 1959
 MARGARET WILKINS DUBOIS, B.S., Roosevelt University, 1955; M.S., 1959

In Biological Chemistry

JAMES STEPHEN FRANZEN, B.S., Wheaton College, 1955; M.S., 1958
 CHARLES FORD LANGE, JR., B.S., M.S., Roosevelt University, 1951, 1953
 LEWIS WALTER MAYRON, B.S., Roosevelt University, 1954; M.S., 1956
 ROBERT CHARLES SMITH, B.S., Elmhurst College, 1954; M.S., 1958
 WENDELL HOMER SOUTHARD, B.S., Drake University, 1950; M.S., 1953

In Chemistry (Pharmaceutical)

ZDZISLAW FELIX CHMIELEWICZ, B.S., 1944; M.S., DePaul University, 1952
 MASUMI NAKAMICHI, B.S., M.S., 1951, 1956

In Microbiology

NICK KARABATSOS, B.S., M.S., 1953, 1956

In Pharmacology

ALEXANDER HERBERT FRIEDMAN, A.B., New York University, 1948; M.S., 1957
 GERALD ALAN KIEN, B.S., M.S., 1955, 1957

In Physiology

IRVING JAMES YOUNG, A.B., DePaul University, 1950; B.S., M.D., M.S., 1952, 1954, 1955

Degree of Master of Science

Conferred June 10, 1960

In Anatomy

CAROLYN NORTH BURNETT, B.S., Iowa State University, 1954
 FREDERICK JEFFRESS RAMSAY, B.S., Washington and Lee University, 1958
 JEROME GABRIEL STEMPAK, B.S., Roosevelt University, 1958

In Biological Chemistry

ALEXANDER EICHHOLZ, A.B., Blackburn College, 1954
 ALICE MAYER HOCH, B.S., 1957
 VINAY VISHWANATH LIKHITE, B.S., McPherson College, 1955
 HUNTER LEON MERMALL, B.S., Bradley University, 1952
 ESTHER KURTZ ROBINSON, B.S., Wheaton College, 1957
 LIONEL NORTON SIMON, B.S., 1956

In Chemistry (Pharmaceutical)

CHARLES GEORGE KORMENDY, B.S., University of Pazmany (Budapest), 1956
PAUL BODAN LEVINE, B.S., 1957

In Histology

DONALD EUGENE ORE, B.S., 1957

In Microbiology

BARBARA MARIE LESAK, B.S., 1957
SANDRA JEAN MACKEY, B.S., Valparaiso University, 1958
RITA PEARL ELEANORE NELSON, B.S., DePaul University, 1957
LOIS ANN STEWART, A.B., Lindenwood College, 1958
JACK SHERWIN WINBERG, B.S., 1955

In Oral Pathology

KLAUS NUKI, B.D.S., University of London (England), 1955

In Orthodontics

MYRON ASBELL LIEBERMAN, B.S., Franklin and Marshall College, 1952; D.D.S., University of Pennsylvania, 1956
KEKI MINOCHER MISTRY, B.D.S., University of Bombay (India), 1957
MARTIN GEORGE PESEK, B.S., D.D.S., University of Nebraska, 1946, 1948

In Pharmacology

MOHAMED SAMIR AMER, B.Pharm., Alexandria University (Egypt), 1956
HARLEY WILLIAM BOND, B.S., Duquesne University, 1957
ALFRED VINCENT BUDRIS, B.S., 1958
CARMEN GLORIA SALVO, Ph.C., University of Chile (Chile), 1954
LESTER FRANK SOYKA, B.S., University of Wisconsin, 1952

In Pharmacy

EUGENE JOHN DEHNER, B.S., Philadelphia College of Pharmacy and Science, 1950

In Physiology

NOEL MYRON BASS, B.S., 1958
RAYMOND PAUL MARKEL, JR., B.S., University of Chicago, 1958

In Surgery

PETER BUINAUSKAS, M.D., University of Vytaitas (Lithuania), 1944
ANDRES GABEL, M.D., University of Javeriana (Colombia), 1955
LOREN JENKINS HUMPHREY, A.B., Albion College, 1953; B.S., 1954
ERNEST WILSON STAUB, A.B., Colgate University, 1953; M.D., Northwestern University, 1957
RICHARD ANTHONY TARIZZO, B.S., M.D., 1953, 1957

COLLEGE OF DENTISTRY**Degree of Bachelor of Science in Dentistry***Conferred June 12, 1959*

LEWIS CARTER BASKINS, B.S., Arkansas Agricultural, Mechanical, and Normal College, 1956	ALFRED FERDMAN, B.S., 1955
CHARLES RICHARD BERG, B.S., DePaul University, 1949	ROBERT CRANSTON FORNEY
JORDAN BERLE BORN	BARRY CLIFFORD GORDON
GEORGE WILLIAM BRENT, with Honors	CHARLES MARTIN GORMAN, A.B., 1951
JOSEPH SALVATORE CATASCA	KENNETH GROVER GROSKOPF, A.B., Wash College, 1957
BRAXTON RAGLAND COLES, B.S., Hampton Institute, 1949	GORDON WAYNE HAMILTON
ARTHUR ELBRIDGE DE VOL, JR.	NORMAN FRANK HEISNER, B.S., 1956
EUGENE ALLEN DE WEERTH, A.B., Wartburg College, 1956	RALPH EDWARD HORTON
SAMUEL EUGENE DYER	ROBERT BRUCE HURDLE
ROBERT FRANK ENDICOTT, A.B., Northwestern University, 1957	WAYNE RICHARD JOHNSON
	PHILIP EDWARD KAHLERT, B.S., 1955
	ROGER CHARLES KLINE
	NICKOLAS KONJEVICH
	DONALD ANTHONY KRZYZAK

JOHN THOMAS LANKA
 GERALD LEE LARSON
 JAMES STEVEN LEKAS
 LESTER CARL LIBY
 VINCENT JOHN LOSITO
 JAMES B. MILLER
 ZANE FRANK MUHL, with Honors
 LARRY WILLIAM PETERSON
 CHARLES BRUCE POLK
 RONALD ARTHUR PUTZLER
 JEROME RERICHA RINGL
 GILBERT DAVID ROSS

RICHARD FREDERICK RUDI
 DON SALTZMAN
 ROBERT PETER SCAPINO
 EUGENE SCHKLAIR
 MORTON ALVIN SHAPIRO
 JEROME BERNARD SIMON
 RAYMOND ARTHUR SKONY
 ALFRED DONALD URBANCKAS
 RICHARD LEON WELLS
 ROBERT ALLEN ZACOVITCH
 WILLIAM ALLAN ZERIN, B.S., 1955

Degree of Doctor of Dental Surgery

Conferred July 31, 1959

LEONARD EVANSON, B.S., 1957
 DAVID GORDY, B.S., 1958

LEE BRIAN SILVERGLADE, B.S., 1957

Conferred September 12, 1959

BIRUTA BERZINS
 RICHARD ALLEN GLENNER
 KENNETH EARL KEATS

ANTHONY LEONARD REINERT
 GERALD ARNOLD ULLMAN

Conferred June 10, 1960

EDWARD ERWIN ARTZ, B.S., 1958
 RICHARD RUNYAN BAKER, B.S., 1958
 ALFRED BASS, B.S., 1957
 MARVIN H. BERMAN, A.B., Northwestern University, 1956; B.S., 1958
 LEO FRANCIS BIESER, B.S., 1958
 VICTOR L. BIGFORD, B.S., Emmanuel Missionary College, 1955; B.S., 1958
 GLENN FRANCIS BOAS, B.S., 1958; with Honors
 CALVIN WAYNE BORCHARDT, A.B., Northwestern University, 1956; B.S., 1958
 HUGH DERWARD BURKE, B.S., 1958
 CHRISTOPHER H. COSTIS, B.S., 1958
 JAMES GEORGE CRAVENS
 MARION ROBERT CREED, B.S., 1958
 JAMES SAMUEL CRISCIONE
 RALPH WILLIAM DECKER, B.S., Springfield College, 1952
 RUDOLPH ERMETE DE PALMA, B.S., Roosevelt University, 1951; B.S., 1958
 ARTHUR ELBRIDGE DE VOL, JR.
 HAROLD RUBIN DREBIN, B.S., 1958
 SAMUEL EUGENE DYER
 ROBERT RAY EHRRICH, A.B., Wabash College, 1956; B.S., 1958
 THOMAS EVERETT EMMERING, A.B., 1955; B.S., 1958
 DONALD CAMERON FINDLAY, A.B., De Pauw University, 1956; B.S., 1958
 DAVID LESLIE FISHEL, B.S., 1958
 IRA MITCHELL FLEISCHMAN, B.S., 1958
 MARY ANN FOSTER, A.B., Millikin University, 1955
 JEROME GASSEL
 LEONARDO GIANNONE
 MARVIN GORENBERG, B.S., 1958

CHARLES MARTIN GORMAN, A.B., 1951
 JOHN PAUL GOUWENS
 HELMUT GUSTAV HABER, B.S., 1958; with Honors
 DONALD FRANCIS HACKMAN, B.S., 1958
 NORMAN FRANK HEISNER, B.S., 1956
 DONALD LEE HILLOCK, SR., B.S., University of Colorado, 1952
 BENJAMIN C. HOEKSTRA, B.S., Calvin College, 1958
 NORTON JOEL JACOBS, B.S., 1958
 LOUIS ALBERT JANSKY, A.B., Augustana College, 1950; M.S., 1953
 MARVIN CLARENCE JOHNSON, B.S., 1958
 DON ROBERT JOSEPHSON, B.S., Monmouth College, 1954; B.S., 1958
 PHILIP EDWARD KAHLERT, B.S., 1955
 EDWARD FLORIAN KAMINSKI, B.S., 1958
 ALAN WARREN KAPLIN, B.S., 1958
 MICHAEL GEORGE KARAGIANIS, B.S., 1956, 1958
 EARL WALTER KETCHUM, B.S., 1957
 JAMES CYRUS KLEIN, B.S., 1958
 ROGER CHARLES KLINE
 HENRY ANTHONY KLUKA
 JOSEPH EDWARD KUHAU, JR.
 GERALD LEE LARSON
 JAMES STEVEN LEKAS
 FREDERICK RUDOLPH LINZER, Ph.B., Northwestern University, 1955; B.S., 1958
 RICHARD GREY LORD, B.S., 1958
 RONALD CHARLES MANUS
 STEPHEN ANDREW MELE, B.S., Loyola University, 1957
 WINFIELD CURTIS MORGAN, B.S., 1958
 ROBERT MERLE MORRIS, B.S., 1958
 OGDEN NORTON MUNROE, B.S., 1958

JOHN PAUL MURRAY, B.S., 1958
 JAMES ALBERT NELSON, A.B., Drake
 University, 1956
 DONALD EUGENE ORE, B.S., 1957
 DAVID SIDNEY PASET, B.S., 1958
 SIDNEY PESKIN, B.S., 1958
 FRANCIS THEODORE POWERS
 WILLIAM SLADE PRUSIN, B.S., 1958
 JAMES RALPH READER, B.S., 1958
 HAROLD LEWIS RECKREY, B.S., 1956
 HOWARD ALAN ROSE, A.B., B.S., Uni-
 versity of Chicago, 1952, 1954
 GILBERT DAVID ROSS
 RICHARD TADASHI SAKAMOTO
 DON SALTZMAN
 JAMES EARL SCHALLER
 MORTON ALVIN SHAPIRO

MAURICE ANTHONY SHIVELY, A.B.,
 Southern Illinois University, 1956;
 B.S., 1958
 RODNEY EDWARD SIPPY, B.S., 1958
 CHARLES JAMES SPIRES
 SHERWIN LEROY STRAUSS, B.S., 1955,
 1958
 SPENCER LEROY TOPPEN, B.S., Univer-
 sity of Wisconsin, 1951; B.S., 1958
 DONALD DEANE VALENTINE, B.S., West-
 ern Illinois University, 1956; B.S.,
 1958
 THOMAS GRAHAM WALSH, B.S., Michi-
 gan State University, 1956
 WESLEY KUNITO WATANABE, B.S., 1958
 EUGENE ALAN YALE
 MASAYOSHI NELSON YOGI

COLLEGE OF MEDICINE

Degree of Bachelor of Science in Medicine

Conferred June 12, 1959

DONALD WAYNE AARONSON, A.B., 1957
 ARTHUR LINDSAY ABBOTT
 RICHARD WILLIAM ABBUHL, A.B., 1957
 WILLIAM AUSTIN ABELL
 RONALD FRANK ALBRECHT
 PAUL MELVIN ANEY, B.S., 1953; with
 Honors
 PETER HARRY ARGER, A.B., Washing-
 ton University, 1957
 RALPH ASCHER
 DANIEL EDWARD BAER
 ROBERT STUART BALLER, A.B., 1958
 JOHN JOSEPH BARTON, B.S., 1957
 RAYMOND DEANE BAUER
 HARRY CURTIS BENSON
 MERTON RONALD BERNFIELD, with
 Honors
 JAMES TRAVERS BIANCHIN, B.S., 1957
 GILBERT EUGENE BLAUM
 RONALD JOEL BLUMENFELD
 PHILLIP DEAN BOREN
 ROBERT FREDRICK BORT
 ARNOLD GENE BRODY
 GEORGE EDWARD BRYAR
 BRUCE BOYD BURGESS
 STUART SAMUEL BURSTEIN, A.B., Har-
 vard College, 1957
 DONALD HENRY BUSER
 BERNARD ROBERT CAHILL, A.B., St. Am-
 brose College, 1951; B.S., 1956
 JERRY WARD CARGILL
 WILLIAM PATRICK CHAMBERLAIN
 IRWIN JAY COHEN, A.B., 1957
 THEODORE COHEN, B.S., Bradley Uni-
 versity, 1958
 ALAYNE YATES COOMBS, A.B., Radcliffe
 College, 1950
 EDWARD LAWRENCE CORDER, JR., B.S.,
 A.M., Southern Illinois University,
 1949, 1955
 REX MORRELL CRAGO

JAMES DONALD CUSACK, B.S., Notre
 Dame University, 1957
 CHARLES ROBERT DAISY
 JOHN SCOTT DECKER, B.S., 1958
 JAMES RONALD DOWNING, B.S., 1957
 GARY ALLEN DRAPER, with Honors
 MORTON HOWARD DUBNOW
 ELROY RAYMOND ENGELING
 JACK CALVIN FAGAN
 JAMES VINCENT FAVATA
 GARY LOWELL FELDMAN
 ROSS FELDMAN, with Honors
 DANIEL RICHARD FISHER, A.B., Albion
 College, 1957
 MARVIN ALLEN FISHMAN
 NORTON LEE FISHMAN
 DAVID WILLIAM FOUTS, B.S., Manches-
 ter College, 1956
 JERRY ELI FRIEDMAN, A.B., 1958
 MURRAY FRIEDMAN, A.B., Hunter Col-
 lege, 1949; Ph.D., Yale University,
 1952
 JOSEPH E. FRYDMAN
 GEORGE CYRIL GALLATI
 LESLIE GARLAND
 JAMES RICHARD GARTNER
 ARNOLD LARRY GILBERG, A.B., 1958
 DEWEY JACK GILBERT
 JAY BENNETT GORDON
 MICHAEL STANLEY GORDON
 ARTHUR TOBIAS GRONNER, A.B., 1957
 HOMER CLOUSE GROVES
 FRANK ROSARIO GUASTELLA, A.B.,
 Northwestern University, 1957
 JANIS ARLENE GUMPEL, B.S., Michigan
 State University, 1957
 GLENN EDWARD GUSTAFSON, JR., B.S.,
 Beloit College, 1957
 RAYMOND EUGENE HAMMER, B.S.,
 Greenville College, 1951; B.S.,
 D.D.S., 1954, 1955

- RAYMOND MORTON HANDLER
 TERRY CONRAD HANSEN
 ROBERT HEWING HARNER, with Honors
 JAMES AUGUST HECK
 WILLIAM JOSEPH HESTER
 ROBERT GRANTHAM HICKERSON, Jr.,
 A.B., 1956
 DON EUGENE HINDERLITER
 MARSHALL HIRSHMAN
 LYNN WAYMAN HOLDER, A.B., South-
 ern Illinois University, 1957
 GEORGE RAYMOND HONIG, B.S., 1958;
 with Honors
 GEORGE EDGAR HORD
 RODERIC STEPHEN HUBER, A.B., 1958;
 with Honors
 GLENN EARL HUDGENS
 ALLAN JACOBSON, B.S., 1951
 LOUIS FITZHENRY JAMES, B.S., 1957
 WILLIAM RAYMOND JEWELL, A.B.,
 Blackburn College, 1957
 LEE LOUIS ALVIN JOHNSON, A.B.,
 Washington University, 1955
 MARION ESTRID JOHNSON, A.B., 1957
 DONALD KEITH JOHNSTON
 JOHN FRANCIS JUST, A.B., Brown Uni-
 versity, 1957
 ALLEN LOUIS KAALAAS
 DAVID ALVIN KAMMEYER
 MELVIN PHILLIP KATZ
 THEODORE MATTHEW KING, B.S., Quincy
 College, 1950; M.S., 1952
 LEONARD AMOR KOSOVA
 DONALD SMITH KULLERSTRAND
 SAMUEL ALBERT KUNIN, B.S., 1956
 WILLIAM ROY LARSEN, B.S., 1957
 GERALD LASIN, B.S., 1957
 HARVEY JOSEPH LEVIN
 RICHARD MARVIN LEVIN, B.S., 1957
 HOWARD MICHAEL LEVINSON, B.S., 1957
 CHARLES ALPHONSE LIMP
 JOHN SAMUEL LOWITZ
 HAROLD MAIZEL, A.B., 1957
 CHARLES MONTELL MAPLES
 EDWARD ROLAND MAY
 JAQUELYN BRUCE MCCANDLESS, B.S.,
 University of Chicago, 1957
 DONALD RAY MCRAVEN
 GORDON DEAN MESSMORE
 SHIRLEY MORRIS, A.B., Indiana Uni-
 versity, 1953; M.S., Washington
 University, 1955; B.S., Roosevelt
 University, 1957
 DAVID LORRY MUTCHNIK
 JOHN RICHARD NIGHSWANDER
 DONALD MARVIN NORRIS, B.S., 1957
 FRANK GARD OGTEN
 DAVID EKERN OTT, A.B., Northwestern
 University, 1957
 GERALD ROGER PETERSON
 RALPH DAVID PETTY, B.S., Carroll Col-
 lege, 1957
 MAURICE BEHR PICKARD
 ROBERT JEROME PINK
 EDWARD PINSEL
 JOSEPH THOMAS POGGI
 ADAM ANTHONY PRYMULA
 PAUL LLOYD PURDY, A.B., Southern
 Illinois University, 1957
 PAUL MARTIN RILEY, A.B., Greenville
 College, 1957
 JOSEPH GORDON ROGERS
 ROBERT JOSEPH ROTHMAN, B.S., 1957
 JOHN REECE ROYER, JR.
 RICHARD LEE RUBEN, B.S., Illinois In-
 stitute of Technology, 1957
 PERRY RUDICH, B.S., 1957
 LESTER BARRY SALANS, A.B., Univer-
 sity of Michigan, 1957; with
 Honors
 GERALD FRANCIS SAUER
 DANIEL JOHN SCHAAF
 LAIRD FABER SCHALLER
 JOSEPH DAVID SCHMIDT, with Honors
 JULES SHAPIRO
 JAMES FALENDER SHARP
 WILLIAM ANTHONY SIMS, A.B.,
 Georgetown University, 1957
 FORREST WALDO SMITH
 EMORY JOHN SOBIESK
 NORTON MARVIN SOKOL
 HARRY JAMES SOLOWAY
 GUNTHER WILLIAM SONNENFELD, B.S.,
 1954
 LESTER FRANK SOYKA, B.S., University
 of Wisconsin, 1952
 NEAL ARTHUR SPERO, B.S., 1957
 RICHARD HENRY SUHS
 ELROY ELMER TATGE
 CHARLES OLIVER TERRELL
 DENNIS PETERS THOMPSON, B.S., 1957
 MITCHELL JOSEPH TRUBITT, B.S., 1957
 E. ALAN TUROW, B.S., Bradley Uni-
 versity, 1958
 GERRY RONALD TUVESON
 VYTAUTAS UZGIRIS, A.B., 1958
 ROBERT MICHAEL VERTEL
 WILLARD ELLSWORTH WALTON, A.B.,
 Augustana College, 1957
 ROBERT LEE WEELDREYER, B.S.,
 Wheaton College, 1956
 HOWARD JEROME WEINBERG, B.S., 1957
 ANNA MARIE WIELAND
 WALTER SVEN WIGERT, A.B., 1958
 HOWARD GORDON WILCOX, B.S.,
 Wheaton College, 1957
 CHARLES HAMILTON WILLIAMS, JR.
 JAMES STUART WOLF, A.B., Grinnell
 College, 1957
 JAMES EDWARD ZUCKERMAN, JR., A.B.,
 Hillsdale College, 1959

Conferred September 12, 1959

MARVIN SAUL KAPLAN

Degree of Bachelor of Science in Occupational Therapy*Conferred June 10, 1960*

MARY VIRGINIA ALLEN

JUDITH MARIE DALTON, A.B., Hanover
College, 1957

MARGARET PETERSEN FRATONI

DIANE SYLVIA RITTER

VIRGINIA LOUISE ROBSON, with Honors

CAROL JOYCE SUTOR

JUDITH APRIL WEININGER, with Honors

Degree of Doctor of Medicine*Conferred September 12, 1959*

RUTH EUNETTA RECKREY, B.S., 1957

Conferred June 10, 1960

HOWARD NORMAN ALLEN, B.S., 1958

EVELYN MAE ANDERSON, B.S., 1958

JOHN ALBERT ANDERSON, B.S., 1958

TRUMAN OLIVER ANDERSON, JR., A.B.,
M.S., Ph.D., 1950, 1952, 1955PAUL MELVIN ANEY, B.S., 1953, 1959;
with HonorsARLINE LILLIAN AVRICK, A.B., Augus-
tana College, 1949; A.M., Univer-
sity of Colorado, 1956

VICTOR ALPHONSE AYDT, B.S., 1958

KARL FREDERICK BADER, JR., A.B.,
Washington University, 1957;
B.S., 1958PETER NICHOLAS BAKER, B.S., Purdue
University, 1953; B.S., 1958NOEL MYRON BASS, B.S., 1958; with
Honors

LEWELLYN BRINGLE BAYBA, B.S., 1958

PAUL ALLEN BERNS, B.S., 1958

BERNARD BLAAUW, B.S., 1956, 1958

MARTIN BERNARD BLUMBERG, B.S., 1958

SAUL HERSHEL BORASH, A.B., 1950;
A.M., University of Chicago, 1952;
B.S., 1958

STANLEY DEAN BRANDON, B.S., 1958

KENNETH DANIEL BRANDT, B.S., 1958

ARNOLD GENE BRODY, B.S., 1959

DAVID MITCHELL BROWN, B.S., 1956,
1958CLARA BRUCE, B.S., Roosevelt Univer-
sity, 1956; B.S., 1958

DAVID LIONEL BRUCE, B.S., 1958

JERRY LEON BUBRICK, B.S., 1956, 1958

STANLEY MATTHEW BUGAIESKI, B.S.,
1958

DONALD LEE BUNNELL, B.S., 1958

ALLAN BARTLETT CADY, B.S., 1958

BENNIE F. CARPENTER, B.S., 1957

STANTON MEL CHARNEY, B.S., 1958

HERBERT HERSH CIBUL, B.S., 1956, 1958

JAMES GEORGE CLARK, B.S., 1958

DANIEL EDWARD CONRAD, B.S., 1956,
1958EDWARD LAWRENCE CORDER, JR., B.S.,
A.M., Southern Illinois University,
1949, 1955; B.S., 1959RICHARD DEAN CORLEY, D.D.S., B.S.,
1954, 1958MARIE CORTELYOU, A.B., Park College,
1956

RICHARD DUANE CORZATT, B.S., 1958

JAMES RUSSELL CREATH, B.S., 1958

JACK HENRY CROSBY, A.B., Washington
University, 1956; B.S., 1958CHARLES SLAUGHT CRUSINBERRY, A.B.,
Drake University, 1948; B.S., 1958

KARL MICHAEL DAVIDSON, B.S., 1957

WARREN DOANE, B.S., 1956, 1958

ALEXANDER DOOLAS

JOHN ELLISON DYMOND, B.S., 1956, 1958

OCAL EASTHAM, JR., B.S., 1957, 1958

BERTWIN ELMER EINFALT, A.B., B.S.,
1957, 1958LELAND ROBBINS ELLIS, B.S., Purdue
University, 1956; B.S., 1958; with
Honors

EDGAR ALLAN FELDMAN, B.S., 1958

ROSS FELDMAN, B.S., 1959; with Honors

VICTOR FRED FELDMAN, B.S., 1958

MYRON ABRAHAM FISHER, B.S., 1958

DAVID WILLIAM FOUTS, B.S., Manches-
ter College, 1956; B.S., 1959

STASIA JOANN FRANK, B.S., 1958

GERALD SAMUEL FRANKLIN, B.S., 1958

JOAN ANGERT FRIEDLAND, B.S., 1958

CHARLES ANDREW GILBERT, A.B., De-
Pauw University, 1956; B.S., 1958THOMAS ROBERT GLATTER, A.B., B.S.,
1957, 1958

EDWARD CHARLES GOLDSTEIN, B.S., 1958

MELVIN JOEL GOLDSTEIN, A.B., B.S.,
1957, 1958

PAUL HENRY GOLDSTEIN, B.S., 1958

ARTHUR GOLDSTONE, B.S., 1958

RAYMOND MERRILL GOMBERG, B.S., 1958

CARL JEFFREY GORDON, B.S., 1958

DONALD RAY GORE, B.S., 1958

ROBERT GOTTLIEB, B.S., 1958

PAUL GUNTHER GOTTSCHALK, B.S., 1958

MELTO GOUMAS, B.S., United States

Naval Academy, 1951; B.S., 1958

ALLAN LEE GRAHAM, B.S., D.V.M.,
B.S., 1952, 1954, 1958

JAMES VAN GRAY, B.S., 1958

RALPH WEBSTER HALE, B.S., 1958

ROBERT JAMES HANSCOM, B.S., 1958

LARRY KAY HARMAN, B.S., 1958

- WILLIAM MACK HEBBLE, B.S., 1958
 WILLIAM FREDERICK HENEERY, B.S.,
 Millikin University, 1954; B.S.,
 1958
 JOHN WILLIAM HENGESH, B.S., 1958
 ROBERT GRANTHAM HICKERSON, JR.,
 A.B., B.S., 1956, 1959
 MELVIN ALLEN HOCH, B.S., 1958
 GENE OTTO HOERR, B.S., Bradley Uni-
 versity, 1956; B.S., 1958
 ROGER WALTER HOFMEISTER, B.S., 1958
 ALAN WILLIAM HOLDERNESS, A.B., Uni-
 versity of Michigan, 1956; B.S.,
 1958
 JEANETTE JOANNE HOOVER, B.S., 1958
 DONALD KEITH JOHNSTON, B.S., 1959
 EDMUND FRANCIS KAL, A.B., A.M., St.
 Mary of the Lake Seminary, 1948,
 1951; B.S., 1958
 ARNOLD AARON KAPLAN, B.S., 1955,
 1958
 ARNOLD MELVIN KAPLAN, B.S., Illinois
 Institute of Technology, 1952; B.S.,
 1958
 ROBERT MITCHELL KARNS, B.S., 1958
 VERNON STUART KENT, A.B., Ohio State
 University, 1956; B.S., 1958
 RALPH ALBERT KETTELKAMP, A.B., Illi-
 nois College, 1956; B.S., 1958
 HARVEY EDMUND KNAACK, A.B., Au-
 gustana College, 1956; B.S., 1958
 DON EDWARD KNAPP, B.S., 1958
 RONALD VINCENT KOWALSKI, B.S., 1957
 JAMES JOSEPH KREJCHA, B.S., 1958
 LEON STUARTE KUHS, B.S., 1958
 HAROLD CARL LABINSKY, B.S., 1958
 MARK ALLAN LAKIN, B.S., 1958
 THOMAS ELLSWORTH LAYMAN, B.S.,
 1958
 PETER YULE LEONARDSON, A.B., Augus-
 tana College, 1956; B.S., 1958
 STUART LERMAN, B.S., 1958
 STUART LEVIN, B.S., 1958
 FERN COTTRELL LIKHTE, B.S., Aurora
 College, 1955; with Honors
 JOHN WILLIAM LOCKWOOD, JR., B.S.,
 1958
 CARROLL OLIVER LOOMIS, B.S., 1951,
 1958
 GEORGE BAKER LOTT, B.S., 1958
 ASTA VITALIA LYNCH, B.S., 1958
 DOUGLAS BENJAMIN MAINS, A.B.,
 Wheaton College, 1956; with
 Honors
 JOSEPH MANELIS, A.B., 1956
 JAMES STEVENS MATHIS, A.B., 1957
 JANICE MAE MARY MCGOWAN, B.S.,
 College of St. Teresa, 1950; B.S.,
 1958
 LARRY OREN MCKNELLY, B.S., 1958
 SANFORD BRUCE MER, A.B., B.S., 1957,
 1958
 GEORGE PATRICK MERNIN
 EDWARD IRWIN MILLER, A.B., B.S.,
 1956, 1958
 RICHARD ROBERTS MILLER, B.S., 1958
 CARMELINDA OLYMPIA MORETTI, A.B.,
 Rosary College, 1956
 SHELLEY HENRY NASATIR, B.S., 1958
 WILMORE NEIDITCH, B.S., D.D.S., B.S.,
 1951, 1953, 1958
 JACK DAVID NESTOR, B.S., 1958
 ROBERT ELLIS NOPAR, B.S., 1958
 FLORIAN RICHARD NYKIEL, B.S., Illinois
 Institute of Technology, 1950;
 M.S., B.S., 1956, 1958
 ALAN FRANCIS OLSON
 JAMES CONRAD OLSON, B.S., 1958
 JOHN ALBIN PETERS, B.S., 1958
 RICHARD ALLAN PETERSON, A.B., Grin-
 nell College, 1956; B.S., 1958
 RICHARD LEE PHILLIS, B.S., 1958
 MELINE PICKUS, B.S., 1956
 RICHARD JOSEPH POWERS, B.S., 1956,
 1958
 THOMAS ROBERT PRUSINSKI, B.S., 1958
 BILLY DEAN REEVES, A.B., Elmhurst
 College, 1953; B.S., 1958
 FREDERICK ALLEN RICHBURG, B.S., 1958
 ROBERT LAWRENCE ROCKEY, B.S., 1958
 CARL SHANE ROSENBERG
 ETHAN BARUCH RUBEN, B.S., 1958
 EARL ALBERT SABIN, B.S., 1958
 DAVID LAWRENCE SACKETT, A.B., Law-
 rence College, 1956; B.S., 1958;
 with Honors
 CHARLES NICHOLAS SALESMAN, B.S.,
 1958
 CHARLES PARSON SALISBURY, B.S., 1956
 FLORIAN FRANCIS SANDERS, B.S., 1958
 ROY MILTON SCHAYES, B.S., 1958
 ROBERT DALE SCHNEIDER, B.S., 1958
 THERRON ROBERT SCOBIE, B.S., 1958
 BRUCE IVAN SHACKTER, A.B., Johns
 Hopkins University, 1956; B.S.,
 1958
 JAMES FALENDER SHARP, B.S., 1959
 RONALD SHLENSKY, B.S., Purdue Uni-
 versity, 1956; B.S., 1958
 EDWARD GRANT SHORE, B.S., 1958
 MICHAEL HARRIS SIGBAND, B.S., 1956,
 1958
 CHARLES WILLIAM SISK, B.S., 1956
 RICHARD DANIEL SPELLBERG, A.B., B.S.,
 1957, 1958
 GRANT EZRA STEFFEN, B.S., 1954, 1958
 FRED W. STORNER, JR., B.S., 1958
 CHARLEY WARRNER STOVALL, B.S., 1958
 MYRON SUSIN, A.B., Augustana College,
 1956; B.S., 1958
 HERBERT JOSEPH SVAB, B.S., 1958
 KENNETH FRANCIS SWANSON, B.S., 1958
 MITCHELL PAUL TARKOFF, B.S., 1958
 PHILLIP TAXMAN, B.S., 1958; with
 Honors
 DAVID MARVIN TAYLOR, B.S., 1958

CHARLES OLIVER TERRELL, B.S., 1959
 EDWARD HOWARD THEIS, A.B., Washington University, 1956; B.S., 1958
 GLEN EDWARD TOMLINSON, B.S., 1958
 MARVIN OTTO TREPTON, A.B., Knox College, 1956; B.S., 1958
 EDWARD ALEXANDER ULRICH, B.S., 1958
 ARTHUR BERNARD WAGMAN, B.S., 1955, 1958
 HAROLD NORMAN WALGREN, B.S., 1958
 MANUEL WARSASKI, B.S., 1958
 JORDAN DALE WAXMAN, B.S., 1956, 1958

ROBERT LEE WEELDREYER, B.S., Wheaton College, 1956; B.S., 1959
 ISAAC WEISZER, B.S., 1956, 1958
 MYRIAM RICHARDSON WILSON, B.S., 1958
 STUART DICKINSON WILSON, B.S., 1958
 ROBERT McCULLOCH WRIGHT, A.B., Kenyon College, 1956; B.S., 1958
 WARREN ARTHUR WUNDERLICH, B.S., 1958
 DAVID YASHON, B.S., 1958

COLLEGE OF NURSING

Degree of Bachelor of Science in Nursing

Conferred September 12, 1959

HARRIET JEANNE FORNEY
 MILDRED MARY PERLIA
 JANET CAROLINE SILLIMAN

ROSEMARY JEAN SPESSARD
 NINA LEE WALKER

Conferred December 19, 1959

KATHERINE DOROTHEA BODENBENDER, with Honors

Conferred June 10, 1960

MARILYN ELIZABETH BELTER
 CAROL ANNE BENSON
 EVA BERZINS
 CHARLOTTE VON BEHREN BLASE, with Honors
 PATRICIA ANN BLASER
 JOAN ELIZABETH CAMPBELL
 CAROLE ELAINE DOHM
 LUCILLE HARRISON
 BETTY MARIE HAWS
 SHIRLEY MARCIA HENDERSON
 MARCIA ANN IHRIG

ALICE BURCH OKRAFOSMART, Homer G. Phillips Hospital School of Nursing, 1938
 CARYL MARIE PETERSON, with Honors
 MARY FLOYD PETERSON
 DORIS ANNE RICHARDSON, Reid Memorial Hospital School of Nursing, 1952
 BARBARA SWARTZ SNYDER, with Honors
 GERTRUDE IVEY WOODS, Lamar University Hospital School of Nursing, 1955

COLLEGE OF PHARMACY

Degree of Bachelor of Science in Pharmacy

Conferred September 12, 1959

PATRICK WILLIAM BRAY
 DAVID WAYNE DERRICK
 WELDON ARTHUR JOHNSON

RYO KUBOTA
 RONALD EDWARD NEDVED

Conferred June 10, 1960

DONALD LESTER ABELS, B.S., 1952; with Honors
 CARL PHILLIP ANDERSON
 MICHAEL ALEXANDER ASSIM, A.B., Northwestern University, 1957
 MURIEL JEAN BAGGE
 RUSSELL HUGH BALL
 RICHARD ROBERT BECK
 KENNETH RAY BEHRENS
 MELVIN DEWITT BOWER
 JAMES RICHARD BRNE
 MICHAEL CHARLES CANNATA
 IRA LAWRENCE CHASEN
 WILLIAM LEO CHRISTOPHER, JR.
 JOSEPH PHILIP CIPRIANO
 RICHARD JAMES CIPRIANO

DAVID WINDSOR COOPER
 FRANK A. CRANE, A.B., Greenville College, 1936; M.S., University of Pittsburgh, 1945; Ph.D., University of Rochester, 1951
 CAROL SUE DAVIS
 DALE GEORGE DAVIS
 PHILLIP ALEXANDER DICKLER
 DANIEL GEORGE DIVER
 MELVYN GERALD DOLIN
 ARNOLD LEE EINBINDER
 MICHAEL HAROLD ELLMAN
 JAMES ARNOLD ENDLER
 ADRIAN DOUGLAS FEINERMAN
 ERWIN IAN FELDMAN
 EDWARD ANDREY FOJTIK, B.S., 1957

RONALD LOUIS FOREMAN
 WALTER GUNTER FRANK
 JOHN HERBERT FROST
 KENNETH BENSON GATHERCOAL, JR.
 WILLARD JOHN GENZ
 ALVIN GINSBERG
 LEONA ALEXANDRA GOLA
 PHILLIP STUART GORDON
 JOHN FRANCIS HEGARTY
 DAVID JOSEPH HOCH
 RONALD WILLIAM IVANICH
 FRANCIS JOSEPH JERAS
 EDWARD MICHAEL JUNG
 DONALD ALLEN KALTER
 KENNETH GEORGE KARASEK
 VIVIAN IRENE KARDASH
 JERRY FRANK KOENIGSMARK
 KENNETH HENRY KOT
 EDMUND LEON LASKI
 DAVID ETHAN LEIBOLD
 MORTON SIDNEY LERMAN
 RUTH MYNETTA LIDECKA
 EDWIN EDWARD MALCZYNSKI
 BERNARD GERALD MARAM
 JACK MARK
 MURIEL ANN MATTHEI
 GEORGE BERNARD McALOON, JR.
 JOHN FRANCIS McALOON
 DONALD JAMES McCANN
 MICHAEL JAMES MIDDLETON

MARTIN OSMAR MOCHEL, JR.
 ROBERT CHARLES MORGENTHAUER, B.S.,
 Concordia Teachers College, 1952
 FRANCIS JOSEPH MUNO, JR.
 WILLIAM PAUL NEWMAN
 JOHN COOK O'DONNELL
 MARSHALL GROVER OLSEN
 DIANNE MARTHA PATKA
 FRANCES SYLVIA PATKA
 CHARLES ALLEN PATRICK
 FRANK JOSEPH PETRANCOSTA, JR.
 JOHN PAUL PINDERSKI
 PAUL JOHN PINTA
 ROBERT NARDI PROPOGGIO
 PAUL CHARLES ROMANAZZI, JR.
 ROY ARTHUR ROSELUND
 JACK LOUIS SABIN
 JOSEPH IRA SCHEINDEL
 RAYMOND ALEXANDER SCHUMACHER,
 B.S., Northwestern University, 1953
 RONALD MAX SEELEY
 ANTHONY STEPHEN SERIO, JR.
 ROBERT ARTHUR SKOW, with Honors
 LOUIS ALLEN SOTONOFF
 NATE LOUIS SPUNT
 THOMAS DENNIS VITELLO
 ALFRED SOLOMON WEINER, with Honors
 MITCHELL IRWIN WEINGART
 ROSEMARIE MARGARET WILKAS, with
 High Honors

CITIZENS COMMITTEE ON UNIVERSITIES BOND ISSUE

Mrs. Watkins called attention to the appointment by Governor William G. Stratton of Mr. Park Livingston as Chairman of a State Citizens Committee to promote public understanding of the Universities Bond Issue. On her motion, the Board voted to express its appreciation to the Governor for this action.

SEPTEMBER MEETING

On motion of Mrs. Watkins, the Board voted to hold its September meeting in Urbana, Illinois, on Wednesday, September 21, as provided in the recently amended By-Laws of the Board of Trustees.

EXECUTIVE SESSION

At this point an executive session was requested and ordered for the consideration of the following items of business.

PURCHASE OF KLASSEN FARM IN CHAMPAIGN COUNTY

(30) The Dean of the College of Agriculture and Director of the Agricultural Experiment Station, the Director of the Physical Plant, and the Vice-President and Comptroller recommend the purchase by the University of Illinois Foundation, and for subsequent acquisition by the University, from Mrs. Jane Klassen, Urbana, of a farm of between 153 and 160 acres east of the First Street road south of Champaign between present University farms and the Temple farm purchased in March, at a price of \$2,000 an acre, payable in full at the time possession is given to the Foundation not later than October 1, 1961.

Since the availability of state appropriations for land acquisitions during the 1961-63 biennium can not yet be determined, the Foundation has agreed to borrow up to \$320,000 from the First National Bank of Chicago and to lease the property to the University at a rental sufficient to cover the interest and other costs. Commitment to make the loan has been secured from the Bank. In the

event that the capital appropriations are available at the time of delivery of possession, the University will make the purchase directly.

The Committee on Buildings and Grounds has previously considered this proposal and recommends approval.

On motion of Mr. Hughes, the purchase of this farm by the University of Illinois Foundation for the University 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.

PURCHASE OF LAND ADJOINING ROBERT ALLERTON PARK

(31) The Vice-President and Comptroller recommends the purchase by the University of approximately twenty acres of land adjoining Robert Allerton Park at its southwest corner. The owner, Mrs. Edith Widick, has agreed to sell this area of land at a price of \$75 an acre. It is recommended that this purchase be authorized, at the price indicated, from funds in the Allerton House Operations account which will be reimbursed from a grant which Mr. Robert Allerton has generously offered to make for this land acquisition.

I concur.

On motion of Mr. Pogue this purchase 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.

PURCHASE OF HARLAN E. MOORE PROPERTY AT ARMORY AVENUE AND THE ILLINOIS CENTRAL RAILROAD, CHAMPAIGN

(32) The Director of the Physical Plant and the Vice-President and Comptroller recommend the purchase for the University by the University of Illinois Foundation of the Harlan E. Moore property located north of Armory Avenue and bounded by the Illinois Central Railroad to the west and Oak Street to the east. The property consists of a land area of 38,000 square feet and two, two-story lumber storage buildings which have a total floor area of 44,500 square feet. The land will be needed eventually for the expansion of the Power Plant. In the meantime the buildings can be remodeled and used to good advantage for the relocation of the University's Central Receiving Station, to which materials for stock are delivered, and for housing the Office Supply Store, thus releasing space on the campus needed for other purposes. Independent appraisals of this property by two real estate experts indicate a valuation of \$68,000 to \$70,000. The owner's asking price was originally \$80,000 but he has agreed to accept \$70,000.

It is recommended that the Board of Trustees authorize the University of Illinois Foundation to purchase this property for the University and the lease of this property from the Foundation by the University until such time as funds are available for purchase by the University.

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

I concur.

On motion of Mr. Johnston, the purchase of this property and its lease from the University of Illinois Foundation were 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.

RECOMMENDATION OF THE UNIVERSITY PATENT COMMITTEE

(33) 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.

Polybenzimidazoles with all aromatic units — Carl S. Marvel, Research Professor of Organic Chemistry, and Herward Vogel, Research Associate in Chemistry, inventors. The novel feature of these polymers is heat resistance. (Heating

together tetraamino aromatic compounds and diphenyl esters of dibasic aromatic acids under reduced pressure in an inert atmosphere gives high molecular weight polymers which are extremely resistant to heat.) They are stable to at least 450°C. and some to more than 500°C.

The research project from which the invention results was supported by a grant from the National Science Foundation.

The Committee has recommended that this invention be released to the University of Illinois Foundation for exploration of its commercial possibilities provided that due consideration is given to the rights of the sponsoring agency.

I concur in this recommendation.

Mr. Clement reported the Board's Committee on Patents also concurs in this recommendation, and on his motion, the same was approved.

This concluded the executive session.

RECESS FOR SPECIAL ORDER OF BUSINESS

At the hour of 10:00 a.m. the Board recessed to reconvene at 10:30 a.m. for a special order of business, the hearing of the case of Dr. Leo F. Koch, Assistant Professor of Biological Science. The actions of the Board relating to this hearing are recorded elsewhere in these minutes.

During the hearing a recess was taken for luncheon following which, and prior to resumption of the hearing, the Board took up consideration of the following items of business relating to the issue of "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1960, Series A."

Action on these matters could not be taken during the forenoon session of the Board because bids on the bonds being issued were received in Chicago at 11:00 a.m. today and were reported by telephone during the luncheon recess.

HOUSING REVENUE BONDS OF 1960. SERIES A

(34) The Vice-President and Comptroller presents the Third Supplemental Housing Revenue Bond Resolution, supplementing the Resolution approved December 17, 1958, and creating \$5,000,000 Housing Revenue Bonds of 1960, 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 and Timothy W. Swain, members of the Board;

Authorize the Comptroller and Treasurer to deliver the Series A Bonds of 1960 to Blyth and Company, Inc., and White, Weld, and Company and Associates; and

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, and the Third Supplemental Housing Revenue Bond Resolution, as printed below, 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.

A Resolution Creating and Authorizing the Issue, Authentication, and Delivery of \$5,000,000 Housing Revenue Bonds of 1960, Series A, and 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 under the terms of said Original Resolution did create and issue an initial issue of Bonds in the aggregate principal amount of \$3,150,000 consisting of Bonds designated "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1958, Series A," and "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1958, Series B," in the principal amounts of \$1,625,000 and \$1,525,000, respectively; and

WHEREAS, The Board of Trustees of the University of Illinois on June 23, 1959, did duly adopt a First Supplemental Resolution providing for the issuance of revenue bonds and under the terms of the Original Resolution as supplemented thereby did create and issue additional Bonds in the aggregate principal amount of \$1,640,000 consisting of Bonds designated "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1959, Series A," and "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1959, Series B," in the principal amounts of \$110,000 and \$1,530,000 respectively; and

WHEREAS, The Board of Trustees of the University of Illinois on October 21, 1959, did duly adopt a Second Supplemental Resolution providing for the issuance of revenue bonds and under the terms of the Original Resolution as then supplemented (said Original Resolution as so supplemented by said First and Second Supplemental Resolutions being herein sometimes called the "Resolution") did create and issue additional Bonds in the aggregate principal amount of \$6,900,000 consisting of Bonds designated "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1959, Series C," in the principal amount of \$3,450,000 and Bonds designated "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1959, Series D," in the principal amount of \$3,450,000; 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 Resolution as supplemented by this Third Supplemental Resolution thereto, which additional Bonds are to be limited to the aggregate principal amount of \$5,000,000 at any one time outstanding, which shall be known as "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1960, Series A" (hereinafter called "1960 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 D hereinafter mentioned) contained in Section 5.01 of the Original Resolution and Section 1.1 of the First Supplemental Resolution and Section 1.1 of the Second Supplemental Resolution is hereby ratified and confirmed and all revenues to be derived from the operation of Project D 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 the First Supplemental Resolution and further supplemented by Section 1.2 of the Second Supplemental Resolution be and the same is hereby increased by an amount equal to \$150,000 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) \$600,000 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 A BONDS AND THE ISSUANCE THEREOF

SECTION 2.1. *Project D and Purpose of Issue of Bonds.* The project (hereinafter designated "Project D") to be acquired, constructed, equipped and completed pursuant to this Third Supplemental Resolution is described in a general way as:

1. A five-story addition to the Graduate Residence Hall now under construction (Project B as described in the First Supplemental Resolution), located at 1010 West Green Street, Urbana, Illinois, said addition to accommodate 214 students; and

2. Apartments for 252 married students, to be located south of existing apartments (item 3 of Project A as described in the Original Resolution), and to be known as Orchard Downs Apartments.

The estimated cost of said Project D is \$5,000,000 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 facilities of the Project. The estimated cost of each portion of said Project D 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 D that the University borrow the sum of \$5,000,000 and in evidence thereof to issue its Housing Revenue Bonds hereunder in said principal amount.

SECTION 2.2. *Terms of 1960 Series A Bonds.* There is hereby created and authorized an additional series of Bonds to be issued under the Resolution as supplemented by this Third 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 Dollars (\$5,000,000) at any one time outstanding, which shall be designated "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1960, Series A" (hereinafter called "1960 Series A Bonds").

The 1960 Series A Bonds shall be issued as negotiable coupon Bonds dated April 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 October 1, 1960, in which case they shall be dated April 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 April 1, 1960, payable semiannually on the first days of April and October in each year until paid, commencing October 1, 1960,

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>
1963.....	\$40,000	3½%	1981.....	\$100,000	4%
1964.....	40,000	3½%	1982.....	100,000	4.10%
1965.....	40,000	3½%	1983.....	120,000	4.10%
1966.....	40,000	3½%	1984.....	120,000	4.10%
1967.....	40,000	3½%	1985.....	120,000	4.10%
1968.....	60,000	4%	1986.....	140,000	4.10%
1969.....	80,000	4%	1987.....	140,000	4.10%
1970.....	80,000	4%	1988.....	140,000	4.10%
1971.....	80,000	4%	1989.....	140,000	4.10%
1972.....	80,000	4%	1990.....	160,000	4.10%
1973.....	80,000	4%	1991.....	160,000	4.10%
1974.....	80,000	4%	1992.....	160,000	4.10%
1975.....	100,000	4%	1993.....	160,000	4.10%
1976.....	100,000	4%	1994.....	340,000	4.20%
1977.....	100,000	4%	1995.....	360,000	4.20%
1978.....	100,000	4%	1996.....	380,000	4.20%
1979.....	100,000	4%	1997.....	400,000	4.20%
1980.....	100,000	4%	1998.....	420,000	4.20%
				<u>\$5,000,000</u>	

The 1960 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 October 1, 1970, or on any interest payment date thereafter 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>
October 1, 1970 through April 1, 1973.....	4%
October 1, 1973 through April 1, 1978.....	3%
October 1, 1978 through April 1, 1983.....	2%
October 1, 1983 through April 1, 1988.....	1%

All redemptions made on or after October 1, 1988 shall be without premium and all redemptions shall be made in the manner, upon the notice and with the effect provided in Article Three of the Resolution.

SECTION 2.3. *Payment of Principal and Interest.* Both the principal of and the interest on the 1960 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 1960 Series A, the interest coupons to be attached thereto, the form of fully registered Bonds without coupons of 1960 Series A, shall be in substantially the following forms with appropriate insertions, omissions and variations to evidence differences in 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 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, 1960, and semi-annually 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 Five Million Dollars (\$5,000,000) principal amount of Housing Revenue Bonds of 1960, 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 and Third Supplemental Resolutions thereto duly adopted June 23, 1959, October 21, 1959, and June 14, 1960, 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 October 1, 1970, 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: four per cent (4%) of the principal amount thereof if redeemed October 1, 1970 through April 1, 1973; three per cent (3%) of the principal amount thereof if redeemed October 1, 1973 through April 1, 1978; two per cent (2%) of the principal amount thereof if redeemed October 1, 1978 through April 1, 1983; one per cent (1%) of the principal amount thereof if redeemed on October 1, 1983 through April 1, 1988, and without premium if redeemed on October 1, 1988 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, 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 \$600,000 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 (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 facili-

ties, 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, 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 A, dated April 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 A)

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 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, 1960, 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 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 Five Million Dollars (\$5,000,000) principal amount of Housing Revenue Bonds of 1960, 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 and Third Supplemental Resolutions thereto duly adopted June 23, 1959, October 21, 1959, and June 14, 1960, 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 October 1, 1970, 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: four per cent (4%) of the principal amount thereof if redeemed October 1, 1970 through April 1, 1973; three per cent (3%) of the principal amount thereof if redeemed October 1, 1973 through April 1, 1978; two per cent (2%) of the principal amount thereof if redeemed October 1, 1978 through April 1, 1983; one per cent (1%) of the principal amount thereof if redeemed on October 1, 1983 through April 1, 1988; and without premium if redeemed on October 1, 1988 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, 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 \$600,000 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 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 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*

ARTICLE THREE

MISCELLANEOUS

SECTION 3.1. *Application of Bond Proceeds.* The Board of Trustees hereby determines that Project D will become revenue producing on or about September 30, 1961, and therefore that portion of the proceeds of the 1960 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, 1961, 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 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. *Interpretation and Construction.* This Third 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 Third 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 Third Supplemental Resolution and the proceeds thereof except as otherwise expressly provided. All of the terms and provisions of this Third Supplemental Resolution shall be deemed to be a part of the terms and provisions of the Resolution, and the Resolution and this Third Supplemental Resolution shall be read, taken and construed as one and the same instrument. In executing or authenticating any Bond authorized by this Third 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.

Attest: _____
Secretary

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 Trustee 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 14th day of June, 1960, 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.

**SALE OF BONDS FOR GRADUATE RESIDENCE HALL ADDITION
AND ORCHARD DOWNS APARTMENTS**

(35) Bids were received at 11:00 a.m., June 14, 1960, for the sale of \$5,000,000 of "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1960, Series A" to finance construction of the Graduate Residence Hall Addition and the Orchard Downs Apartments.

Bids were received as follows:

<i>Company</i>	<i>Price</i>	<i>Interest Rates</i>	<i>Effective Interest Rate</i>	<i>Total Interest Cost</i>
Blyth and Company, Inc., and White, Weld, and Com- pany and Associates.....	\$4 925 540	3½, 4, 4.10, 4.20	4.1862	\$5 739 290
John Nuveen and Company and Associates.....	4 925 000	4½, 4¾, 4.20	4.2888	5 879 910
F. S. Smithers and Company and Associates.....	4 926 450	4½	4.3036	5 900 300

The Vice-President and Comptroller recommended that the bonds be sold to Blyth and Company, Inc., and White, Weld, and Company and Associates at a price of \$4,925,540 plus accrued interest and at an effective interest rate of 4.1862, which represents the lowest interest cost to the University.

The successful bidder has requested that the Continental Illinois National Bank and Trust Company of Chicago be designated as depository for the Construction Fund.

The Vice-President and Comptroller recommends that this request be approved; that the bank be authorized to accept the facsimile signatures of the President and Secretary of the Board of Trustees on checks drawn in the Corporation's name; that the bank be entitled to honor and to charge this Corporation for all such checks, drafts, or orders, regardless of by whom or by what means facsimile signatures may have been affixed if such facsimile signatures duplicate the facsimile specimens filed with the Continental Illinois National Bank and Trust Company of Chicago; and that the Vice-President and Comptroller and those deputized by him be authorized to execute orders for the purchase, sale, or exchange of United States securities acquired as temporary investment of the funds.

On motion of Mr. Swain, the sale of the bonds to Blyth and Company, Inc., and White, Weld, and Company and Associates at a price of \$4,925,540 plus accrued interest and at an effective interest rate of 4.1862, which represents the lowest interest cost to the University, was authorized and the other foregoing recommendations were 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.

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.)

ADAMSTONE, FRANK B., Research Professor of Zoology, two months from June 16, 1960, \$1444.44 a month; this is in addition to his present appointment (6-1-60).

ALLEN, ALFRED W., Professor of Ceramic Engineering (C), two months from July 1, 1960, \$1166.66 a month; this is in addition to his present appointment (5-10-60).

- ALMY, GERALD M., Professor of Physics and Acting Head of the Department (C), two months from July 1, 1960, \$2022.22 a month; this is in addition to his present appointment (5-27-60).
- ALTSTETTER, CARL J., Assistant Professor of Physical Metallurgy (Department of Mining and Metallurgical Engineering) (C), two months from June 16, 1960, \$755.55 a month; this is in addition to his present appointment (6-2-60).
- ANG, ALFREDO, Assistant Professor of Civil Engineering, Summer Session of 1960, June 20-August 13, 1960, $\frac{1}{2}$ time, \$667 for the period (5-26-60).
- APPLEQUIST, DOUGLAS E., Research Assistant Professor of Chemistry, two months from June 16, 1960, \$867 a month; this is in addition to his present appointment (5-27-60).
- ASCOLI, GIULIO, Associate Professor of Physics (C), June 16-July 31, 1960, and September 1-15, 1960, \$933.33 a month; this is in addition to his present appointment (5-27-60).
- AUSTIN, WALTER J., Associate Professor of Civil Engineering (C), $\frac{1}{2}$ time, two months from June 16, 1960, \$483.34 a month; this is in addition to his Summer Session appointment on $\frac{1}{2}$ time (5-27-60).
- BACHRACH, JOSEPH, Associate Professor of Physical Sciences (Chicago Undergraduate Division), Summer Session of 1960, June 20-August 13, 1960, $\frac{3}{4}$ time, \$1156 for the period (5-25-60).
- BADER, ROBERT S., Research Assistant Professor of Zoology, two months from June 16, 1960, \$789 a month; this is in addition to his present appointment (5-27-60).
- BAILEY, ALBERT D., Professor of Electrical Engineering (C), two months from June 16, 1960, \$1133.33 a month; this is in addition to his present appointment (5-16-60).
- BAIR, WILLARD E., Assistant Professor of Mechanical Engineering (C), $\frac{1}{2}$ time, June 16-August 15, 1960, \$889, this is in addition to his present appointment (5-27-60); and Assistant Professor of Mechanical Engineering, Summer Session of 1960, $\frac{1}{2}$ time, June 20-August 13, 1960, \$889 for the period, supersedes previous Summer Session appointment (5-26-60).
- BARKER, ARTHUR E., Professor of English, indefinite tenure beginning February 1, 1961, to render service during each academic year, \$16,000 a year (5-5-60).
- BARNES, TERENCE J., Research Associate in Chemistry, one year from September 1, 1960, \$5800 (5-4-60).
- BARTLE, ROBERT G., Associate Professor of Mathematics, June 16-July 31, 1960, \$944.44 a month; this is in addition to his present appointment (5-10-60).
- BAUER, LUDWIG, Assistant Professor of Pharmacy-Chemistry (Pharmacy), two months from July 1, 1960, \$900 a month; this is in addition to his present appointment (5-25-60).
- BAUER, ROBERT O., Graduate Assistant in the Bureau of Business Management, three months from June 1, 1960, \$400 a month, supersedes (5-31-60).
- BEARDEN, JAMES M., Research Assistant in Ceramic Engineering (S), three months from June 1, 1960, \$440 a month, supersedes (5-12-60).
- BECKER, ROBERT A., Professor of Physics (C), two months from June 16, 1960, \$1200 a month; this is in addition to his present appointment (5-27-60).
- BENZEL, JAMES F., Research Assistant in Ceramic Engineering (S), July 1, 1960-August 31, 1961, \$5500 a year (5-4-60).
- BERKWITS, EDWARD, Physician in the Health Service (Chicago Professional Colleges), $\frac{1}{2}$ time, April 22-August 31, 1960, \$2100 a year (5-25-60).
- BETTS, EDWARD H., Professor of Art, indefinite tenure beginning September 1, 1960, to render service during each academic year, \$9000 a year (5-12-60).
- BLUMENTHAL, JEROME S., Assistant in English (Chicago Undergraduate Division), September 16, 1960-January 31, 1961, \$466.67 a month (5-17-60).
- BOHL, ROBERT W., Professor of Mining and Metallurgy (C), two months from June 16, 1960, \$2000; this is in addition to his present appointment (5-31-60).
- BORESI, ARTHUR P., Professor of Theoretical and Applied Mechanics (C), two months from June 16, 1960, \$2088; this is in addition to his present appointment (5-31-60).
- BORNARTH, ROBERT L., Assistant in the Institute of Aviation, June 20-August 13, 1960, \$475 a month (5-27-60).

- BRIGHTBILL, LINWOOD J., Professor of Architectural Engineering (Department of Architecture), Summer Session of 1960, June 20-August 13, 1960, \$2423 for the period (5-11-60).
- BRILEY, BRUCE E., Research Assistant in the Digital Computer Laboratory, June 16-August 31, 1960, \$444.44 a month (5-27-60).
- BROWN, FREDERICK C., Associate Professor of Physics (C), two months from June 16, 1960, \$1111.11 a month; this is in addition to his present appointment (5-27-60).
- BROWNLEE, JAMES L., JR., Instructor in Analytical Chemistry, academic year beginning September 1, 1960, \$6000 (5-3-60).
- CARLSON, CLARENCE, Visiting Lecturer in Music, assigned to the Division of University Extension, Summer Session of 1960, June 19-July 23, 1960, \$400 for the period; for the convenience of the University, he will also receive board and room while on duty (6-2-60).
- CASTEN, SABINE H., Instructor in Chemistry (Chicago Undergraduate Division), Summer Session of 1960, June 17-August 12, 1960, $\frac{1}{2}$ time, \$600 for the period, supersedes previous Summer Session appointment (5-31-60).
- CHANG, LENA, Research Assistant in Mathematics, two months from June 16, 1960, \$400 a month (5-4-60).
- CHAO, BEI TSE, Professor of Mechanical Engineering (C), $\frac{3}{4}$ time, two months from June 16, 1960, \$959 a month; this is in addition to his present appointment (5-27-60).
- CHAPMAN, CARLETON A., Professor of Geology, Summer Session of 1960, June 20-July 30, 1960, \$1917 for the period (5-26-60).
- CHOW, VEN TE, Professor of Hydraulic Engineering (Department of Civil Engineering) (S), two months from June 16, 1960, \$1122.22 a month; this is in addition to his present appointment (5-27-60).
- CLARK, MARLYN E., Associate Professor of Theoretical and Applied Mechanics (C) $\frac{1}{3}$ time, two months from June 16, 1960, \$296.30 a month; this is in addition to his Summer Session appointment on $\frac{2}{3}$ time (5-31-60).
- CLIFFORD, CANDACE R., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1960, \$422.22 a month (5-27-60).
- COLEMAN, PAUL D., Professor of Electrical Engineering (C), two months from June 16, 1960, \$1311.11 a month; this is in addition to his present appointment (5-10-60).
- CONNOR, DAVID V., Research Associate in Psychology, $\frac{1}{2}$ time, eleven months from September 1, 1960, \$2800 (5-24-60).
- COOK, GLENN M., Research Assistant in Chemistry, two months from June 16, 1960, \$400 a month (5-27-60).
- CORRELL, NOBLE O., JR., Clinical Instructor in Surgery (Medicine), four months from May 1, 1960, without salary, supersedes salaried appointment (5-9-60).
- COSTIN, FRANK, Counselor in the Student Counseling Service, $\frac{1}{2}$ time, June 20-August 13, 1960, \$450 a month; this is in addition to his present appointment (5-31-60).
- COWIN, JOHN W., Instructor in Chemistry (Chicago Undergraduate Division), Summer Session of 1960, June 20-August 13, 1960, \$1378 for the period, supersedes previous Summer Session appointment (5-27-60).
- CRANE, EVERETT, Visiting Lecturer in Music, assigned to the Division of University Extension, Summer Session of 1960, June 19-July 23, 1960, \$500 for the period (6-1-60).
- CRANNELL, JACK M., Assistant Manager of WILL-TV, with rank of Assistant Professor, in the Division of University Broadcasting (Journalism and Communications), $\frac{1}{2}$ time, and in the Office of Instructional Television (Office of the Provost), $\frac{1}{2}$ time, June 1, 1960-August 31, 1961, \$9600 a year (5-17-60).
- CROSS, JOHN S., Assistant in Mathematics, Summer Session of 1960, June 20-August 13, 1960, \$800 for the period (5-13-60).
- CROSS, MRS. MARY A., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1960, \$422.22 a month (5-27-60).
- CUMMINS, RICHARD L., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1960, \$500 a month (5-27-60).
- DANIELS, RALPH, Associate Professor of Pharmacy-Chemistry (Pharmacy), two months from July 1, 1960, \$1022.22 a month; this is in addition to his present appointment (5-9-60).

- DAVIDSON, RAYMOND A., Assistant Professor of Electrical Engineering (C), two months from June 16, 1960, \$844.44 a month; this is in addition to his present appointment (5-10-60).
- DAVISSON, MELVIN T., Instructor in Civil Engineering, Summer Session of 1960, June 20-August 13, 1960, $\frac{1}{2}$ time, \$623 for the period (5-26-60).
- DAY, MAHLON M., Professor of Mathematics, $\frac{1}{2}$ time, two months from July 1, 1960, \$811.11 a month; this is in addition to his present appointment (5-10-60).
- DESCHAMPS, GEORGES A., Professor of Electrical Engineering (C), one month from June 16, 1960, \$1666.67 a month; this is in addition to his present appointment (5-10-60).
- DREHER, JOHN F., Instructor in General Engineering (C), academic year beginning September 1, 1960, \$7200 (5-3-60).
- DRICKAMER, HARRY G., Professor of Chemical Engineering (S), two months from June 16, 1960, \$2000 a month; this is in addition to his present appointment (6-2-60).
- EBERT, EDWARD D., Associate Professor of General Engineering (Department of Civil Engineering) (Summer Surveying Camp), Summer Session of 1960, July 25, 1960-August 26, 1960, \$1112 for the period (5-16-60).
- FELLMANN, JEROME D., Research Associate Professor of Geography, $\frac{1}{2}$ time, July 1-August 9, 1960, \$568; this is in addition to his Summer Session appointment on $\frac{1}{2}$ time (6-1-60).
- FELLOWS, JULIAN R., Professor of Mechanical Engineering and Group Leader in the Indian Institute of Technology, Kharagpur, West Bengal, India, under Contract ICAC-1220, June 16-August 31, 1960, \$1225 a month; and for two years from September 1, 1960, \$15,450 a year. In addition to salary, allowances as provided in the Standardized U.S. Government Civilian Allowance Regulations (Foreign Areas) as from time to time amended, will also be paid. He will retain indefinite tenure in the Department of Mechanical Engineering after termination of these contracts. (5-27-60).
- FELTS, WARREN A., Visiting Lecturer in Music, assigned to the Division of University Extension, Summer Session of 1960, June 19-July 23, 1960, \$400 for the period; for the convenience of the University, he will receive board and room while on duty (6-1-60).
- FISHMAN, WILLIAM E., Research Assistant in Medicine (Medicine), two months from July 1, 1960, \$387.50 a month (5-25-60).
- FOSDICK, LLOYD D., Research Assistant Professor of Physics (Digital Computer Laboratory), two months from July 1, 1960, \$833.33 a month; this is in addition to his present appointment (5-10-60).
- FRAENKEL, GOTTFRIED S., Professor of Entomology, two months from June 16, 1960, \$1333.33 a month; this is in addition to his present appointment (5-4-60).
- FRAJOLA, W. J., Visiting Lecturer in Chemistry and Chemical Engineering, Summer Session of 1960, July 18-August 13, 1960, \$1500 for the period (6-1-60).
- GALLO, FRANK, Instructor in Art, Summer Session of 1960, $\frac{3}{4}$ time, June 20-August 13, 1960, \$771 for the period (5-11-60).
- GEAR, CHARLES W., Instructor in the Digital Computer Laboratory, Summer Session of 1960, June 20-August 13, 1960, \$1200 for the period, supersedes his previous Summer Session appointment (5-24-60).
- GILSON, MRS. MARY V., Assistant in Occupational Therapy (Medicine), April 16-August 31, 1960, \$425 a month (5-4-60).
- GOVINDJEE, MRS. RAJNI, Research Assistant in Botany, two months from July 1, 1960, \$366.67 a month, supersedes (5-4-60).
- GRANICHER, WALTER H. H., Associate Professor of Physics and of Ceramic Engineering (C), July 17-August 31, 1960, \$1000 a month, supersedes (7-13-60).
- GREENFIELD, GEORGE B., Clinical Instructor in Radiology (Medicine), $\frac{1}{4}$ time, two months from July 1, 1960, \$270.83 a month, supersedes his nonsalaried appointment (5-16-60).
- GURLEY, EDWARD D., Instructor in Theoretical and Applied Mechanics (C), academic year beginning September 1, 1960, \$5400 (5-3-60).
- HALL, WADE H., Instructor in Business English, Summer Session of 1960, $\frac{1}{2}$ time, June 20-August 13, 1960, \$545 for the period (5-11-60).
- HALTIWANGER, JOHN D., Professor of Civil Engineering, Summer Session of 1960, June 20-August 13, 1960, \$2134 for the period (5-26-60).

- HART, HAROLD, Visiting Lecturer in Chemistry, Summer Session of 1960, June 20-August 13, 1960, \$2200 for the period (5-26-60).
- HASKELL, GLENN P., Assistant Professor of English, Summer Session of 1960, June 20-August 13, 1960, \$1623 for the period, supersedes previous Summer Session appointment (6-1-60).
- HAYDEN, EDGAR C., Associate Professor of Electrical Engineering (C), two months from June 16, 1960, \$1054.44 a month; this is in addition to his present appointment (5-16-60).
- HENDERSON, DONALD M., Research Associate Professor of Geology, June 20-August 13, 1960, \$1777.77; this is in addition to his present appointment (5-23-60).
- HENNES, JAMES D., Research Assistant in the Institute of Communications Research, June 20-August 13, 1960, \$800 (5-18-60).
- HERBST, RICHARD J., Research Assistant in Ceramic Engineering (S), June 16-August 31, 1960, \$1375, supersedes (5-12-60).
- HILL, EVERETT A., Visiting Lecturer in Music, assigned to the Division of University Extension, Summer Session of 1960, July 3-July 16, 1960, \$500 for the period (5-26-60).
- HILL, ROGER G., Instructor in Mathematics (Chicago Undergraduate Division), Summer Session of 1960, $\frac{3}{4}$ time, June 20-August 13, 1960, \$1112 for the period (5-25-60).
- HOHN, FRANZ E., Associate Professor of Education, June 20-August 13, 1960, \$1988.88; this is in addition to his present appointment (5-4-60).
- HONE, DANIEL W., Research Assistant in Physics (C), two months from June 16, 1960, \$422 a month (5-5-60).
- HORNBECK, PETER L., Instructor in Landscape Architecture (Department of City Planning and Landscape Architecture), to render service during the second semester of the academic year, February 1-August 31, 1961, \$471.43 a month (5-10-60).
- HORSFALL, WILLIAM R., Professor of Entomology, two months from June 16, 1960, \$1077.78 a month; this is in addition to his present appointment (5-4-60).
- HOWELL, RONALD H., Instructor in Mechanical Engineering, Summer Session of 1960, June 20-August 13, 1960, \$1112 for the period, supersedes previous Summer Session appointment (5-26-60).
- HUTCHINSON, JAMES G., Research Assistant in Sociology, one month from September 1, 1960, \$575 (5-10-60).
- JENSEN, MRS. LOUISE, Research Assistant in Medicine (Medicine), three months from June 1, 1960, \$366.66 a month, supersedes (5-16-60).
- JONES, EDWIN C., JR., Instructor in Electrical Engineering (C), $\frac{1}{2}$ time, academic year beginning September 1, 1960, \$2400 (5-9-60).
- JONES, FRED M., Professor of Marketing, Summer Session of 1960, June 20-August 13, 1960, \$2500 for the period (5-17-60).
- JUVET, RICHARD S., JR., Research Assistant Professor of Chemistry, one month from August 16, 1960, \$766.67; this is in addition to his present appointment (5-23-60).
- KAY, JACK G., Research Associate in Chemistry, two months from June 16, 1960, \$656 a month; this is in addition to his present appointment (5-23-60).
- KHACHATURIAN, NARBEX, Associate Professor of Civil Engineering, Summer Session of 1960, June 20-August 13, 1960, \$1889 for the period, supersedes previous Summer Session appointment (5-26-60).
- KITAYAMA, MICHIO, Research Assistant in Physics (C), two months from June 16, 1960, \$422 a month (5-4-60).
- KOCH, C. W., Assistant in Library Science, Summer Session of 1960, June 20-August 13, 1960, \$850 for the period (5-16-60).
- KOESTER, PAUL W., Assistant in Education, Summer Session of 1960, June 20-August 13, 1960, \$1000 for the period (5-26-60).
- KOHL, CARL W., Assistant Professor of Mathematics, two months from June 16, 1960, \$777.77 a month; this is in addition to his present appointment (5-10-60).
- LAMBERT, WILLIAM V., Adviser to the Vice-Chancellor of the Uttar Pradesh Agricultural University, Rudrapur, Uttar Pradesh, India, and Group Leader of the University of Illinois Staff, June 24, 1960-August 31, 1962, \$22,000 a year. This appointment is for service under Contract ICAC-1258 at the Uttar Pradesh Agricultural University, Rudrapur, Uttar Pradesh. In addi-

- tion to salary, allowances as provided in the Standardized U.S. Government Civilian Allowance Regulations (Foreign Areas) as from time to time amended, will also be paid. (5-20-60).
- LANCE, MRS. BETTY R. G., Instructor in Spanish, Summer Session of 1960, June 20-August 13, 1960, \$1223 for the period (5-11-60).
- LAPIDUS, GABRIEL, Research Associate in Chemistry, one year from September 1, 1960, \$5800 (5-23-60).
- LAWRENCE, KENT L., Instructor in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, academic year beginning September 1, 1960, \$2600 (5-3-60).
- LEE, SHUN-KU, Research Associate in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, academic year beginning September 1, 1960, \$2500 (5-3-60).
- LERCH, HAROLD H., Assistant in Education, Summer Session of 1960, June 20-July 16, 1960, \$500 for the period (5-26-60).
- LIEBERMAN, DAVID S., Associate Professor of Metallurgical Engineering (Department of Mining and Metallurgical Engineering) (C), two months from June 16, 1960, \$966.66 a month; this is in addition to his present appointment (6-2-60).
- MATEER, BEVERLY, Assistant in Library Science, Summer Session of 1960, June 20-August 13, 1960, \$800 for the period (5-13-60).
- MCCLURE, DONALD S., Visiting Lecturer in Chemistry, Summer Session of 1960, June 16-August 13, 1960, \$3000 for the period (5-26-60).
- MCNAIR, LOUIS M., Instructor in the Institute of Aviation, one year from September 1, 1960, \$6200 (5-18-60).
- MCVITTIE, GEORGE C., Professor of Astronomy, two months from July 1, 1960, \$1800 a month; this is in addition to his present appointment (5-10-60).
- MITCHELL, GRAHAM S., Assistant in English, Summer Session of 1960, June 20-August 13, 1960, \$934 for the period (6-1-60).
- MITTRA, RAJ, Visiting Assistant Professor of Electrical Engineering (C), two months from June 16, 1960, \$844.44 a month (5-10-60).
- MOAKE, FRANK B., Assistant Professor of English, Summer Session of 1960, June 20-August 13, 1960, \$1452 for the period, supersedes previous Summer Session appointment (6-1-60).
- MOORE, DUANE M., Research Assistant in Geology, June 20-August 13, 1960, \$800 (5-23-60).
- MORRILL, WALTER D., Catalog Assistant in the Library, three months from June 1, 1960, \$416.66 a month, supersedes (5-4-60).
- MURRELL, THOMAS A., Associate Professor of Electrical Engineering (Digital Computer Laboratory), September 1, 1960-September 15, 1960, \$966.67 a month; this is in addition to his present appointment (5-18-60).
- NEWMARK, NATHAN M., Professor of Civil Engineering and Head of the Department, Summer Session of 1960, June 20-July 16, 1960, $\frac{1}{2}$ time, \$542 for the period, supersedes previous Summer Session appointment (5-26-60).
- OLEKSY, MRS. MARGARET H., Instructor in English (Chicago Undergraduate Division), Summer Session of 1960, June 20-August 13, 1960, \$1467 for the period (5-16-60).
- PAPPADEMOS, JOHN N., Assistant Professor of Physics (Chicago Undergraduate Division), Summer Session of 1960, June 20-August 13, 1960, \$1489 for the period (5-16-60).
- PENNISI, LOUIS L., Associate Professor of Mathematics (Chicago Undergraduate Division), Summer Session of 1960, June 20-August 13, 1960, $\frac{3}{4}$ time, \$1445 for the period (5-16-60).
- PETERSEN, ARNOLD, Visiting Lecturer in Education in the University High School (Mathematics Project), one month from August 1, 1960, \$450; and nine months from September 16, 1960, \$4050 (5-10-60).
- PHILLIPS, ANNE, Instructor in English (Chicago Undergraduate Division), to render service during the first semester of the academic year, September 1, 1960-January 31, 1961, \$450 a month (5-4-60).
- PIPER, THERON S., Research Assistant Professor of Chemistry, two months from June 16, 1960, \$766.67 a month; this is in addition to his present appointment (5-23-60).
- PORTER, DOUGLAS R., Instructor in City Planning (Department of City Planning and Landscape Architecture), academic year beginning September 1, 1960, \$5800 (5-10-60).

- QUINN, J. KERKER, Associate Professor of English, Summer Session of 1960, June 20-August 13, 1960, $\frac{1}{2}$ time, \$923 for the period (6-1-60).
- RASMUSSEN, MRS. LORE M., Visiting Research Associate in Education, June 20-August 13, 1960, \$1334 (5-4-60).
- REES, CANDIDA K., Instructor in Mathematics (Chicago Undergraduate Division), to render service during the first semester of the academic year, September 1, 1960-January 31, 1961, \$2600 (5-3-60).
- RICE, WILLIAM A., Visiting Associate Professor of Geology, Summer Session of 1960, June 20-August 13, 1960, \$1778 for the period (5-11-60).
- RIGGIN, GLENN, Visiting Lecturer in Music, assigned to the Division of University Extension, Summer Session of 1960, June 19-July 23, 1960, \$400 for the period (6-1-60).
- ROBERTSON, JAMES E., Research Professor of Electrical Engineering (Digital Computer Laboratory), two months from June 16, 1960, \$1477.78 a month; this is in addition to his present appointment (5-10-60).
- SANCHEZ, JOSE, Associate Professor of Foreign Languages (Chicago Undergraduate Division), Summer Session of 1960, June 20-August 13, 1960, $\frac{3}{4}$ time, \$1275 for the period (5-16-60).
- SCHWARZLOSE, PAUL F., Associate Professor of Electrical Engineering, Summer Session of 1960, June 20-August 13, 1960, \$2089 for the period (5-16-60).
- SEAGRAVE, MRS. BARBARA A. G., Visiting Lecturer in Music, assigned to Summer Youth, Summer Session of 1960, June 19-July 23, 1960, \$275 for the period; for the convenience of the University, she will also receive board and room while on duty (6-1-60).
- SEIDEN, ESTHER, Visiting Lecturer in Mathematics, Summer Session of 1960, $\frac{1}{2}$ time, June 20-August 13, 1960, \$667 for the period; this is in addition to her appointment as Visiting Assistant Professor of Mathematics (Graduate College) on $\frac{1}{2}$ time (5-11-60).
- SEYFARTH, FRANCIS, Professor of Mechanical Engineering in the Indian Institute of Technology, Kharagpur, West Bengal, India, under Contract ICAC-1220, June 16-August 31, 1960, \$1050 a month; and September 1, 1960-July 31, 1962, \$13,050 a year. In addition to salary, allowances as provided in the Standardized U.S. Government Civilian Allowance Regulations (Foreign Areas) as from time to time amended, will also be paid. He will retain indefinite tenure in the Department of Mechanical Engineering after termination of this contract (5-31-60).
- SHIMKIN, DEMITRI B., Professor of Anthropology and of Geography, indefinite tenure from September 1, 1960, to render service during each academic year, \$12,000 a year (5-17-60).
- SIEGFRIED, ROBERT, Research Associate Professor of Chemistry, $\frac{1}{2}$ time, two months from June 16, 1960, \$417 a month; this is in addition to his present appointment (5-23-60).
- SINGER, MORSE B., Instructor in Mechanical Engineering, Summer Session of 1960, June 20-August 13, 1960, \$1467 for the period, supersedes previous Summer Session appointment (5-26-60).
- SJOBLUM, LAURENCE, Instructor in Mathematics (Chicago Undergraduate Division), Summer Session of 1960, June 20-August 13, 1960, \$1156 for the period (5-16-60).
- SKORNIJA, HARRY J., Associate Professor of Radio and Television (Journalism and Communications), indefinite tenure from September 1, 1960, to render service during each academic year, \$12,300 a year (5-17-60).
- SNYDER, HAROLD R., Research Professor of Organic Chemistry, two months from June 16, 1960, \$3177.78; this is in addition to his present appointment (5-4-60).
- SNYDER, JAMES N., Research Professor of Physics (Digital Computer Laboratory), two months from June 16, 1960, \$1277.78 a month; this is in addition to his present appointment (5-10-60).
- SOUTHARD, CHARLES W., Visiting Lecturer in Education, Summer Session of 1960, June 20-August 13, 1960, \$1800 for the period (5-16-60).
- SPATARO, LUCIAN P., Instructor in Business English, Summer Session of 1960, $\frac{1}{2}$ time, June 20-August 13, 1960, \$545 for the period (5-10-60).
- SPRENKLE, CASE M., Instructor in Economics, academic year beginning September 1, 1960, \$7000 (5-9-60).

- SRINIVASAN, T. M., Research Associate in Physics (C), one year from September 1, 1960, \$7000 (5-3-60).
- STEEFEL, L. D., Visiting Lecturer in Art, Summer Session of 1960, June 20-August 13, 1960, \$2000 for the period (5-11-60).
- STEEFEL, NINA M., Research Associate in Education, June 20-August 13, 1960, \$1000 (5-4-60).
- STERNBURG, JAMES G., Associate Professor of Entomology, two months from June 16, 1960, \$861.11 a month; this is in addition to his present appointment (5-4-60).
- STINER, BERNARD H., Visiting Lecturer in Music, assigned to the Division of University Extension, Summer Session of 1960, June 19-July 23, 1960, \$500 for the period (6-1-60).
- STRATTON, JOHN R., Research Assistant in Sociology, two months from June 16, 1960, \$400 a month (5-10-60).
- SWANSON, WILLIAM P., Research Associate in Physics (C), May 23-August 31, 1960, \$7500 a year, supersedes (5-24-60).
- SWENSON, GEORGE W., JR., Professor of Electrical Engineering (C) and of Astronomy, two months from June 16, 1960, \$1222.22 a month; this is in addition to his present appointment (5-10-60).
- TAUB, ABRAHAM H., Research Professor of Applied Mathematics (Digital Computer Laboratory), two months from June 16, 1960, \$2222.22 a month; this is in addition to his present appointment (5-10-60).
- TAULBEE, DALE B., Instructor in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, academic year beginning September 1, 1960, \$2700 (5-3-60).
- TAYLOR, CHARLES E., Professor of Theoretical and Applied Mechanics (C), June 16-30, 1960; July 16-August 15, 1960; and September 1-15, 1960, \$1155.55 a month; this is in addition to his present appointment (5-16-60).
- TILBURY, GLEN, Visiting Lecturer in Chemistry, two months from June 16, 1960, \$950 a month (5-23-60).
- TIMKO, MICHAEL, Assistant Professor of English, Summer Session of 1960, June 20-August 13, 1960, \$1334 for the period, supersedes previous Summer Session appointment (6-1-60).
- TSUJIOKA, BIEN, Research Associate in Psychology, $\frac{1}{2}$ time, eleven months from September 1, 1960, \$2800 (5-24-60).
- VAN DYKE, RUSSELL A., Assistant in Animal Science (S), four months from May 1, 1960, \$366.67 a month, supersedes (5-4-60).
- VESTLING, CARL S., Professor of Biological Chemistry, Summer Session of 1960, June 20-July 16, 1960, \$1556 for the period (6-1-60).
- VON FOERSTER, HEINZ, Professor of Electrical Engineering (C), two months from June 16, 1960, \$1355.55 a month; this is in addition to his present appointment (5-10-60).
- VON TURKOVICH, BRANIMIR F., Research Associate in Physics (C), two months from June 16, 1960, \$844.44 a month; this is in addition to his present appointment (5-23-60).
- WALKER, DIANNE, Undergraduate Library Assistant in the Library, one year from September 1, 1960, \$5200 (5-4-60).
- WALLACE, VERNON E., Assistant in Surgery (Division of Anesthesiology) (Medicine), two months from May 1, 1960, without salary (5-9-60).
- WAX, NELSON, Research Professor in the Coordinated Science Laboratory (C), two months from June 16, 1960, \$1555.55 a month; this is in addition to his present appointment (5-16-60).
- WELLS, MRS. CATHERINE N., Temporary Head Resident, Lincoln Avenue Residence (North), two months from July 1, 1960, \$250 a month; for the convenience of the University she will also be furnished room and board while on duty, valued at \$31 a month (5-4-60).
- WILEY, ROSEMARY F., Instructor in Mathematics (Chicago Undergraduate Division), Summer Session of 1960, June 20-August 13, 1960, \$1245 for the period (5-16-60).
- WILSON, HOWARD B., JR., Instructor in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, academic year beginning September 1, 1960, \$2700 (5-3-60).
- ZABORETZKY, FRANK T., Registered Pharmacist (Pharmacy), four months from May 1, 1960, \$466.67 a month, supersedes (5-9-60).

GRADUATE FELLOWS

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

- ADKINS, RICHARD W., Engineering Faculty Development Teaching Fellow in Mechanical Engineering, one year from September 16, 1960, \$1750 (4-28-60).
- ARONSON, NEIL G., National Science Foundation Fellow in the Chicago Professional Colleges (Special), July 1-September 15, 1960, \$500 (5-2-60).
- ASTLE, WILLIAM R., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$3450 (5-1-60).
- BALDWIN, ROBERT L., JR., University Fellow in the Chicago Professional Colleges, nine months from September 1, 1960, \$1500 (5-2-60).
- BALLOWE, JAMES C., Summer Fellow in English, two months from June 16, 1960, \$350 (4-25-60).
- BARDASIS, ANGELO, Texas Instruments Fellow in Physics, nine months from September 16, 1960, \$2000 (4-30-60).
- BARTHEL, JOHN W., Summer Fellow in German, two months from June 16, 1960, \$350 (4-25-60).
- BARTUSKA, THOMAS J., Kaiser Aluminum and Chemical Corporation Fellow in Architecture, nine months from September 16, 1960, \$1500 (4-28-60).
- BAU, MAURICE, United States Public Health Service Dental Student Research Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, \$600 (4-29-60).
- BAUMAN, STEVEN F., National Science Foundation Summer Fellow in Mathematics, June 16-August 11, 1960, \$600 (4-25-60).
- BECK, WALTER E., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$4350 (5-1-60).
- BECKER, JOHN O., Trane Company Fellow in Mechanical Engineering, nine months from September 16, 1960, \$1650 (4-28-60).
- BEHR, MERLYN J., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$3450 (5-1-60).
- BENDER, LEON, Merck Company Foundation Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, \$600 (5-2-60).
- BEVILACQUA, VINCENT M., Summer Fellow in Speech, two months from June 16, 1960, \$350 (4-25-60).
- BISHOP, INEZ E., Summer Fellow in Education, two months from June 16, 1960, \$350 (5-18-60).
- BOON, DONALD J., United States Public Health Service Post-Sophomore (Medical) Research Fellow in the Chicago Professional Colleges, one year from September 16, 1960, \$3200 (5-11-60).
- BORDERS, DONALD B., Allied Chemicals Corporation Fellow in Chemistry, nine months from September 16, 1960, \$2500 (5-9-60).
- BRANDON, RONALD A., Summer Fellow in Zoology, June 16-July 15, 1960, and August 15-September 15, 1960, \$350 (5-10-60).
- BRITTAIN, THOMAS M., Fellow (Teaching Intern) in Mechanical Engineering, nine months from September 16, 1960, \$2000 (4-30-60).
- BROSHEER, VIRGINIA E., National Science Foundation Fellow in the Chicago Professional Colleges (Special), July 1-September 15, 1960, \$500 (5-2-60).
- BURGER, EDWARD H., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$3450 (5-1-60).
- BURKE, FREDDIE L., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$4800 (5-1-60).
- BURROWS, RALPH, University Summer Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, \$500 (5-2-60).
- BYERLY, BENJAMIN F., Summer Fellow in History, two months from June 16, 1960, \$350 (4-25-60).
- CAMPBELL, JOHN M., Summer Fellow in Entomology, two months from June 16, 1960, \$350 (4-25-60).
- CAPEK, RAYMOND G., General Electric Foundation Fellow in Ceramic Engineering, nine months from September 16, 1960, \$1750 (5-9-60).
- CARLSON, ROBERT L., Summer Fellow in Chemistry, two months from June 16, 1960, \$350 (4-25-60).
- CAWLEY, ROBERT G., National Science Foundation Cooperative Fellow in Physics, nine months from September 16, 1960, \$1650 (4-15-60).

- CHIU, JEN, Minnesota Mining and Manufacturing Company Fellow in Chemistry, September 16, 1960-January 31, 1961, \$1000 (5-3-60).
- CHRIST, MIRIAM, Smith, Kline, and French Foundation Summer Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, \$600 (4-29-60).
- COHICK, JAMES A., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$4350 (5-1-60).
- COHN, ARNOLD M., National Science Foundation Fellow in the Chicago Professional Colleges (Special), July 1-September 15, 1960, \$500 (5-2-60).
- COLEMAN, BERNELL, University Summer Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, \$500 (5-2-60).
- COSTLEY, CHARLES G., Summer Fellow in Mathematics, two months from June 16, 1960, \$350 (4-25-60).
- CREECH, ROGER L., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$3900 (5-1-60).
- CUTLIP, WILLIAM F., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$3900 (5-1-60).
- D'AMBROSIO, CHARLES A., Summer Fellow in Economics, two months from June 16, 1960, \$350 (4-25-60).
- DAUNIS, MRS. GERALDINE F., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$4350 (5-1-60).
- DAVIS, MILTON A., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$3450 (5-1-60).
- DIEHL, WAYNE E., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$3900 (5-1-60).
- DIPERT, ARNOLD W., Summer Fellow in Electrical Engineering, two months from June 16, 1960, \$350 (4-25-60); and Collins Radio Company Teaching Fellow in Electrical Engineering, nine months from September 16, 1960, \$2000 (5-4-60).
- DONOVAN, THOMAS A., Summer Fellow in Chemistry, two months from June 16, 1960, \$350 (4-25-60).
- DOSHI, MADHUKANT M., University Summer Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, \$500; and University Fellow in the Chicago Professional Colleges, nine months from September 16, 1960, \$1800 (5-16-60).
- DOUGLASS, KATHRYN F., Summer Fellow in English, two months from June 16, 1960, \$350 (4-25-60).
- DOYLE, ANNE T., Summer Fellow in English, two months from June 16, 1960, \$350 (4-25-60).
- DREW, ERNEST H., Allied Chemicals Corporation Fellow in Chemistry, nine months from September 16, 1960, \$2500 (5-9-60).
- EISELE, GEORGE A., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$4350 (5-1-60).
- ELLWOOD, R. B., Summer Fellow in Geology, two months from June 16, 1960, \$350 (4-25-60).
- ESTER, JOHN W., Summer Fellow in Law, two months from June 16, 1960, \$350 (4-25-60).
- EVANS, DAVID R., Summer Fellow in Physics, two months from June 16, 1960, \$350 (4-25-60).
- EYMAN, D. P., Summer Fellow in Chemistry, two months from June 16, 1960, \$350, (5-19-60).
- FAYATA, JAMES V., University Summer Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, \$500 (5-2-60).
- FITCHEN, DOUGLAS B., International Business Machines Corporation Fellow in Physics, nine months from September 16, 1960, \$2560, supersedes (5-26-60).
- FITZKE, DAYLE G., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$4350 (5-1-60).
- GEALOW, JON C., Summer Fellow in Electrical Engineering, two months from June 16, 1960, \$350 (5-10-60).
- GEIGER, DAVID, Summer Fellow in Mathematics, two months from June 16, 1960, \$350 (4-25-60).
- GITELMAN, MORTON, Summer Fellow in Law, two months from June 16, 1960, \$350 (4-25-60).
- GLOVER, MRS. THELMA H., H. W. Wilson Fellow in Library Science, nine months from September 16, 1960, \$500 (5-10-60).

- GROSS, ROLF L., United States Public Health Service Dental Student Research Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, \$600 (5-2-60).
- GUBISCH, NANCY, National Science Foundation Fellow in the Chicago Professional Colleges (Special), July 1-September 15, 1960, \$500 (5-2-60).
- GURA, IRA, Eastman Kodak Company Research Fellow in Chemical Engineering, nine months from September 16, 1960, \$1000 (5-2-60).
- GWYNN, DONALD E., National Science Foundation Cooperative Fellow in Chemistry, nine months from June 16, 1960, \$1650 (4-21-60).
- HAGGSTROM, GUS W., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$3450 (5-1-60).
- HAMMES, HENRY R., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$4350 (5-11-60).
- HANSON, RICHARD S., Summer Fellow in Microbiology, two months from June 16, 1960, \$350 (4-25-60).
- HARRIS, PHILLIP J., JR., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$3450 (5-1-60).
- HAYNES, R. RICHARD, Summer Fellow in Chemistry, two months from June 16, 1960, \$350 (4-25-60).
- HEEREN, ROBERT G., Fellow (Teaching Intern) in Electrical Engineering, nine months from September 16, 1960, \$2000 (4-28-60).
- HENIKOFF, LEO, JR., Merck Company Foundation Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, \$600 (5-2-60).
- HETHERINGTON, JACK H., Minnesota Mining and Manufacturing Company Fellow in Physics, nine months from September 16, 1960, \$2000 (4-26-60).
- HEWITSON, RICHARD E., University Summer Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, \$500 (5-2-60).
- HONIG, GEORGE, Smith, Kline, and French Foundation Summer Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, \$600 (4-29-60).
- HUDSON, ALAN E., Summer Fellow in Russian, two months from June 16, 1960, \$350 (4-25-60).
- IVERSEN, IVER P., Summer Fellow in the Classics, two months from June 16, 1960, \$350 (4-25-60).
- JEWELL, WILLIAM R., Lederle Medical Student Research Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, \$600 (4-28-60).
- JOHNSON, RONALD C., Summer Fellow in English, two months from June 16, 1960, \$350 (4-25-60).
- JONES, EDWIN C., JR., Westinghouse Educational Foundation Teaching Fellow in Electrical Engineering, nine months from September 16, 1960, \$2500 (5-4-60).
- KAFKA, ROBERT W., Summer Fellow in Electrical Engineering, two months from June 16, 1960, \$350 (4-25-60).
- KARNER, FRANK R., Summer Fellow in Geology, two months from June 16, 1960, \$350 (4-25-60).
- KEBSCHULL, HARVEY G., Summer Fellow in Political Science, two months from June 16, 1960, \$350 (4-25-60).
- KLAFTA, LEONARD A., JR., United States Public Health Service Medical Student Research Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, \$600 (4-28-60).
- KLEBE, MONA D., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$3000 (5-1-60).
- KLICKA, JOHN K., Summer Fellow in Physiology, two months from June 16, 1960, \$350 (4-25-60).
- KOPACZYK, KRYSZYNA, United States Public Health Service Fellow (Trainee) in Food Technology, one year from June 16, 1960, \$2200 (5-11-60).
- KOTESA, ROSEMARY, Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$3000 (5-1-60).
- LANDGREBE, JOHN A., Summer Fellow in Chemistry, two months from June 16, 1960, \$350 (4-25-60).
- LEE, CHIN K., United States Public Health Service Fellow (Trainee) in Microbiology, one year from September 1, 1960, \$2400 (4-18-60).
- LEVY, WILLIAM, National Science Foundation Fellow in the Chicago Professional Colleges (Special), July 1-September 15, 1960, \$500 (5-2-60).

- LEWIS, MRS. ORDA E., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$3000 (5-1-60).
- LIPSEY, ALLEN L., Tobacco Industry Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, \$500 (5-2-60).
- MACEK, ROBERT D., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$3000 (5-1-60).
- MAILMAN, DAVID, University Summer Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, \$500 (5-16-60); and University Fellow in the Chicago Professional Colleges, nine months from September 16, 1960, \$1800 (5-16-60).
- MARSDEN, JUDITH L., National Science Foundation Fellow in the Chicago Professional Colleges (Special), July 1-September 15, 1960, \$500 (5-2-60).
- MASLAUSKI, WILLIAM, Fellow in Architecture, nine months from September 16, 1960, \$1500 (5-2-60).
- MATHIS, NANCY S., Summer Fellow in Botany, two months from June 16, 1960, \$350 (4-25-60).
- MAXSON, CARLTON J., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$4350 (5-9-60).
- MCGUIRE, EDWARD J., University Fellow in the Chicago Professional Colleges, nine months from September 1, 1960, \$1500 (5-2-60).
- MCMILLAN, MRS. JOYCE A., Summer Fellow in Chemistry, two months from June 16, 1960, \$350 (4-25-60).
- MEIER, LYLE K., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$4800 (5-1-60).
- METZGER, MARY Jo, University Fellow in the Chicago Professional Colleges, nine months from September 1, 1960, \$1500 (5-2-60).
- MEYERHOLTZ, ROY A., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$3900 (5-1-60).
- MEYERS, STUART, National Science Foundation Fellow in the Chicago Professional Colleges (Special), July 1-September 15, 1960, \$500 (5-2-60).
- MILLER, JAMES L., Summer Fellow in Entomology, two months from June 16, 1960, \$350 (4-25-60).
- MOCKENHAUPT, JEROME D., Union Carbide Corporation (Visking Company) Fellow in Mechanical Engineering, nine months from September 16, 1960, \$1800 (4-28-60).
- MOORE, EDMUND T., JR., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$4800 (5-1-60).
- MOORE, HAROLD W., Summer Fellow in Chemistry, two months from June 16, 1960, \$350 (4-25-60).
- MUHL, ZANE F., United States Public Health Service Dental Student Research Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, \$600 (5-2-60).
- MUTTER, JOSEPH M., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$3000 (5-1-60).
- NAZARIAN, JOHN, Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$3900 (5-1-60).
- NIEDZIELSKI, ROBERT J., Summer Fellow in Chemistry, two months from June 16, 1960, \$350 (4-25-60); and DuPont Teaching Fellow in Chemistry, nine months from September 16, 1960, \$1200 (5-23-60).
- O'BRIEN, MARILYN, Samuel Higby Camp Foundation Fellow in the Chicago Professional Colleges, one year from July 1, 1960, \$3000 (4-29-60).
- OPPEWAL, DONALD, Summer Fellow in Education, two months from June 16, 1960, \$350 (4-25-60).
- O'REGAN, PATRICK J., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$4800 (5-1-60).
- PALMER, LEONARD L., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$3900 (5-1-60).
- PETERMANN, LOUISE, Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$3000 (5-1-60).
- PETERSON, ANDREW C., Consolidation Coal Company Fellow in Chemical Engineering, nine months from September 16, 1960, \$1800 (4-26-60).
- POLLYEA, MRS. BERNICE, Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$3000 (5-1-60).

- RAFF, LIONEL, Minnesota Mining and Manufacturing Company Fellow in Chemistry, September 16, 1960-February 1, 1961, \$1000, supersedes (5-3-60).
- RECTOR, ROBERT E., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$4800 (5-1-60).
- REIMAN, DONALD H., Summer Postdoctoral Fellow in English, two months from June 16, 1960, \$600 (5-13-60).
- RHODES, YORKE E., JR., Summer Fellow in Chemistry, two months from June 16, 1960, \$350 (4-25-60).
- RICHARDS, L. K., United States Public Health Service Medical Student Research Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, \$600 (4-28-60).
- ROBERTS, DON D., Summer Fellow in Philosophy, two months from June 16, 1960, \$350 (4-25-60).
- ROTLAT, NORMAN, United States Public Health Service Dental Student Research Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, \$600 (5-2-60).
- RUSHMER, IRENE L., Summer Fellow in Chemistry, two months from June 16, 1960, \$350 (4-25-60).
- SAFFORD, EDWARD L., Summer Fellow in Chemistry, two months from June 16, 1960, \$350 (5-23-60).
- SALANS, LESTER B., Lederle Medical Student Research Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, \$600 (4-28-60).
- SANER, REGINALD A., Summer Fellow in English, two months from June 16, 1960, \$350 (4-25-60).
- SCAPINO, ROBERT, United States Public Health Service Dental Student Research Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, \$600 (5-2-60).
- SCHMALE, JOHN D., National Science Foundation Fellow in the Chicago Professional Colleges (Special), July 1-September 15, 1960, \$500 (5-2-60).
- SEITZ, CLARE A., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$3000 (5-1-60).
- SHARMA, D. L., Summer Fellow in Mathematics, two months from June 16, 1960, \$350 (4-25-60).
- SHERMOEN, RICHARD E., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$4350 (5-1-60).
- SIMS, LESLIE B., Sun Oil Company Fellow in Chemistry, nine months from September 16, 1960, \$1800, supersedes (5-23-60).
- SIMS, MELVIN R., Summer Fellow in Business (Marketing), two months from June 16, 1960, \$350 (4-25-60).
- SISTER JOHN OF GOD McGRATH, Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$3000 (5-1-60).
- SISTER MARY CYRIL CARMODY, Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$3000 (5-1-60).
- SISTER MARY GIOVANNI MEYER, Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$3000 (5-1-60).
- SOKOLOV, ALVIN D., Summer Fellow in Political Science, two months from June 16, 1960, \$350 (4-25-60).
- SOYKA, LESTER F., Smith, Kline, and French Foundation Summer Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, \$600 (4-29-60).
- SPENNEY, JERRY G., National Science Foundation Fellow in the Chicago Professional Colleges (Special), July 1-September 15, 1960, \$500 (5-2-60).
- STIVER, HARRY E., JR., Summer Fellow in Speech, two months from June 16, 1960, \$350 (4-25-60).
- SUSI, MRS. ENDLA, Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$3450 (5-1-60).
- SWANSON, CONSTANCE M., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$3000 (5-1-60).
- SWARTZ, EDWARD, United States Public Health Service Dental Student Research Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, \$600 (5-2-60).
- TAN, CHOR-WENG, Summer Fellow in Mechanical Engineering, two months from June 16, 1960, \$350 (4-25-60).
- TEPEN, BERNARD F., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$3900 (5-1-60).

- THEILMAN, WARD, Summer Fellow in Finance, two months from June 16, 1960, \$350 (4-25-60).
- THOMPSON, DENNIS P., Smith, Kline, and French Foundation Summer Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, \$600 (4-29-60).
- THOMS, ROBERT L., Engineering Faculty Development Teaching Fellow in Theoretical and Applied Mechanics, one year from September 1, 1960, \$1700 (5-11-60).
- TIPTON, CHARLES M., National Science Foundation Summer Fellow in Physiology, June 16-August 11, 1960, \$600 (4-14-60).
- TISCHER, RICHARD E., U.S.I. Fellow in Chemical Engineering, nine months from September 16, 1960, \$1800 (4-28-60).
- TRIPLEHORN, DON M., Summer Fellow in Geology, two months from June 16, 1960, \$350 (4-25-60).
- TUROW, E. ALAN, National Science Foundation Fellow in the Chicago Professional Colleges (Special), July 1-September 15, 1960, \$500 (5-2-60).
- VAN DYKE, JOHN W., JR., National Science Foundation Cooperative Fellow in Chemistry, nine months from September 16, 1960, \$1650 (4-15-60).
- VISCO, ROBERT E., Summer Fellow in Chemistry, two months from June 16, 1960, \$350 (4-25-60).
- WAKSTEIN, ALLEN M., Summer Fellow in History, two months from June 16, 1960, \$350 (4-25-60).
- WALDECK, JOSEPH G., United States Public Health Service Dental Student Research Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, \$600 (5-2-60).
- WALLACE, WILLIAM H., Summer Fellow in Economics, two months from June 16, 1960, \$350 (4-25-60).
- WARDLUM, EARL R., Summer Fellow in Architecture, two months from June 16, 1960, \$350 (4-25-60).
- WEARY, MARLYS, University Fellow in the Chicago Professional Colleges, nine months from September 1, 1960, \$1500 (5-2-60).
- WEAVER, LELLAND A., Fellow (Teaching Intern) in Electrical Engineering, nine months from September 16, 1960, \$2600 (5-3-60).
- WEBER, JOSEPH G., Summer Fellow in French, two months from June 16, 1960, \$350 (4-25-60).
- WELSH, ARTHUR L., Summer Fellow in Economics, two months from June 16, 1960, \$350 (4-25-60).
- WENZEL, JOSEPH W., Summer Fellow in Speech, two months from June 16, 1960, \$350 (4-25-60).
- WERTZ, ANN R., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$3000 (5-1-60).
- WESTPHAL, WALTER R., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$3900 (5-1-60).
- WHITTIER, DUANE H., Summer Fellow in Philosophy, two months from June 16, 1960, \$350 (4-25-60).
- WIENER, MARK F., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$3900 (5-1-60).
- WILLIAMS, LAWRENCE M., Summer Fellow in Art, two months from June 16, 1960, \$350 (4-25-60).
- WOLSZTYNIAK, HAROLD R., United States Public Health Service Dental Student Research Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, \$600 (5-2-60).
- WOOSTER, KENNETH, Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$3000 (5-1-60).
- WOZNIAK, ROBERT S., Summer Fellow in Theoretical and Applied Mechanics, two months from June 16, 1960, \$350 (4-25-60).
- YNTEMA, MARY K., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$3000 (5-1-60).
- ZACEK, JOSEPH F., Summer Fellow in History, two months from June 16, 1960, \$350 (4-2-60).
- ZIMMERMAN, LESTER J., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$4800 (5-1-60).

RESIGNATIONS AND DECLINATIONS

- ALBERT, WARREN, Binding Librarian, with rank of Instructor—resignation effective July 1, 1960.
- BAIR, WILLARD E., Assistant Professor of Mechanical Engineering, Summer Session of 1960—declination effective June 20, 1960.
- BERG, EDWIN W., Instructor in Economics (Chicago Undergraduate Division)—declination effective September 1, 1960.
- BOERSMA, LARRY, Assistant Professor of Agricultural Engineering—resignation effective June 1, 1960.
- BOWMAN, CLETUS E., Professor of Theoretical and Applied Mechanics, Summer Session of 1960—declination effective June 20, 1960.
- CARLETON, PAULINE A., Assistant Law Librarian, with rank of Assistant Professor—resignation effective September 1, 1960.
- CHIN, BESSIE, Catalog Assistant in the Library—resignation effective May 17, 1960.
- CIZEVSKA, TATJANA, Assistant Professor of Russian—resignation effective September 1, 1960.
- DELL, GEORGE H., Professor of Civil Engineering, Summer Session of 1960—declination effective June 20, 1960.
- DOUGHERTY, MRS. EDITH C., Research Assistant in Preventive Medicine (Medicine)—resignation effective June 4, 1960.
- DRYSCH, ALLEN I., Instructor in Dentistry—resignation effective June 1, 1960.
- EVITTS, MARY S., Associate Professor of Nursing—resignation effective September 1, 1960.
- FEINSTEIN, IRWIN K., Associate Professor of Mathematics (Chicago Undergraduate Division), Summer Session of 1960—resignation effective June 20, 1960.
- FRIEDERICI, HARTMANN, Instructor in Pathology (Medicine), and Assistant Pathologist (Research and Educational Hospitals)—resignation effective June 1, 1960.
- FRYE, DOROTHY, Visiting Lecturer in Education, Summer Session of 1960—declination effective June 19, 1960.
- GRAHAM, MARY F., Instructor in Pediatrics (Medicine)—resignation effective June 10, 1960.
- GRAHAM, RICHARD A., Research Assistant in the Coordinated Science Laboratory—resignation effective July 1, 1960.
- GREEN, PATRICIA, Instructor in Occupational Therapy (Medicine)—resignation effective July 1, 1960.
- GRUNAU, JOHN A., Research Associate in Chemistry—resignation effective June 12, 1960.
- GYERMEK, LASZLO, Assistant Professor of Pharmacology (Medicine)—resignation effective August 31, 1960.
- HANKINS, DONALD D., Mathematics Institute Fellow in Mathematics—resignation effective June 16, 1960.
- HUBBARD, O'DEAN, Research Assistant in Food Technology—resignation effective July 1, 1960.
- LEVY, LAWRENCE S., National Science Foundation Cooperative Fellow in Mathematics—resignation effective June 16, 1960.
- MILLER, MRS. MARY A., Research Assistant in Chemistry—resignation effective June 11, 1960.
- PARDUE, HARRY L., Research Assistant in Chemistry—resignation effective June 16, 1960.
- PEYTON, ANN, Assistant in English (Chicago Undergraduate Division)—resignation effective June 16, 1960.
- QUINN, J. KERKER, Associate Professor of English, Summer Session of 1960—declination effective June 20, 1960.
- RODRIGUEZ, SERGIO, Research Assistant Professor of Physics—resignation effective August 1, 1960.
- SCHULTZ, THEODORE D., Research Assistant Professor of Physics—resignation effective July 1, 1960.
- SIMMELINK, RUTH N., Bibliographer in the Library, with rank of Instructor—resignation effective June 16, 1960.

- SINGH, SHRI KRISHNA, Visiting Assistant Professor of Mathematics—declination effective September 1, 1960.
- TENNERY, VICTOR J., Research Assistant Professor of Ceramic Engineering—resignation effective July 1, 1960.
- VON TURKOVICH, B. F., Lecturer in Mechanical Engineering, Summer Session of 1960—declination effective June 20, 1960.
- WANG, CHU-KIA, Professor of Architectural Engineering—resignation effective September 1, 1960.
- ZIMMERMAN, PHILIP D., Research Assistant in Ceramic Engineering—resignation effective July 1, 1960.

LEAVES OF ABSENCE

- CHANDLER, MARGARET K., Associate Professor of Sociology, in the College of Liberal Arts and Sciences and in the Institute of Labor and Industrial Relations—leave of absence, without pay, during the academic year 1960-61, so that she may spend the year in research and study on a Ford Foundation Faculty Fellowship under its "Fellowship Program in Economic Development and Administration."
- CRONBACH, LEE J., Professor of Education, in the Bureau of Educational Research, and of Psychology, in the College of Liberal Arts and Sciences—leave of absence, without pay, from July 7 through August 31, 1960, so that he may teach at the University of Hawaii.
- ELBINGER, REBECCA L., Assistant Professor of Chemistry, in the Chicago Undergraduate Division—leave of absence, without pay, for one year from September 1, 1960.
- JARNAGIN, ROBERT A., Assistant Extension Editor and Assistant Professor of Agricultural Extension, in the Extension Service in Agriculture and Home Economics—extension of leave of absence, without pay, for one year from September 1, 1960, so that he may complete the required course work at Michigan State University for a Ph.D. degree in communications.
- KESEL, ROBERT G., Lecturer in Postgraduate Studies in Dentistry, and Professor and Head of the Department 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.
- KOPLIN, JULIUS O., Assistant Professor of Electrical Engineering, in the College of Engineering—leave of absence, without pay, from March 1 through August 31, 1961, so that he may spend this period in special studies at the Massachusetts Institute of Technology under a grant from the Ford Foundation.
- LEWIS, L. DEAN, Associate Professor of Hygiene and Staff Physician in the Health Center—leave of absence on one-half time for two years from September 1, 1960.
- PHILLIPS, BURRILL, Professor of Music—leave of absence, without pay, from September 1, 1961, through February 28, 1962.
- WOLD, FINN, Assistant Professor of Biological Chemistry, in the College of Liberal Arts and Sciences—leave of absence, without pay, for one year from September 1, 1960, so that he may accept a Guggenheim Fellowship for the purpose of study abroad.

CHANGES IN SABBATICAL LEAVES OF ABSENCE

- LAUGHNAN, JOHN R., Professor of Plant Genetics (Agronomy), in the College of Agriculture, and of Botany, in the College of Liberal Arts and Sciences—leave of absence changed to September 1, 1960, through February 28, 1961, on full pay, and without pay from March 1 through August 31, 1961.
- ROEPKE, HOWARD G., Associate Professor of Geography—sabbatical leave of absence with full pay changed from the first semester of 1960-61 to the second semester of 1960-61.
- WILL, FREDERICK L., Professor of Philosophy, leave of absence for the academic year 1960-61 on one-half pay instead of second semester on full pay.
- GREENBERG, BERNARD, Assistant Professor of Zoology, in the College of Pharmacy, leave of absence changed to the first semester (September 1, 1960, to February 28, 1961), on full pay, and without pay from March 1 to September 1, 1961.

PELTASON, JACK W., Professor of Political Science, sabbatical leave for the academic year beginning September 1, 1960, on one-half pay, cancelled on his request in view of his appointment as Dean of the College of Liberal Arts and Sciences.

OEBKER, NORMAN F., Associate Professor of Horticulture, sabbatical leave of absence for the first semester (six months from September 1, 1960), on full pay, cancelled by his resignation from the faculty.

HEARING OF CASE OF LEO F. KOCH

When the Board reconvened at 10:30 a.m., it met in the Faculty Lounge of the Illini Union Building for the hearing of the case of Dr. Leo F. Koch, Assistant Professor of Biological Science. President Kenney E. Williamson opened the hearing with the following statement:

In a letter to Dean Lanier of the College of Liberal Arts and Sciences of the University bearing date of April 7, 1960, of which a copy was served upon Assistant Professor Leo F. Koch that day, the President of the University, pursuant to the provisions of paragraph (c) of Section 38 of the University Statutes, preferred charges against Assistant Professor Koch and has since recommended that Assistant Professor Koch's present appointment at, and contract of employment with, the University be terminated on August 31, 1960, upon the basis of those charges. Also pursuant to the same paragraph of the University Statutes, Assistant Professor Koch has requested a hearing by and before the Board of Trustees of the University upon the charges preferred against him by President Henry. This hearing is being held pursuant to that request, and the Board of Trustees is meeting here at this time for the purpose of holding the hearing and of deciding what action it will take upon the recommendation presented to it by President Henry who requested that this Board's action upon that recommendation be deferred until the conclusion of this hearing.

It is now in order for the Legal Counsel of the University, who represents the University administration at this hearing, to proceed to present evidence in support of the charges made against Assistant Professor Koch.

Mr. Ralph F. Lesemann, Legal Counsel, began the proceedings by introducing Assistant Professor Leo F. Koch and the latter's counsel, Mr. Donald Page Moore and Mr. David J. Danelski; and Mr. Lesemann's associates, Mr. Earl L. Palmberg and Mr. John J. Templin, Assistants to the Legal Counsel.

He then presented a stipulation entered into by Assistant Professor Koch and the University through their respective counsel.

The further proceedings in the hearing are not fully recorded in these minutes, but a complete transcript of them, as taken and made by reporter Mrs. Barbara Johnson of the Marjorie D. Earley Court Reporting Service, 501 West Church Street, Champaign, Illinois, has been filed with the Secretary of the Board for record.

The hearing recessed at 12:15 p.m. and was resumed at 1:30 p.m.

Immediately preceding the afternoon session of the hearing the Board took up consideration of two items of business on the regular agenda of the Board for today's meeting relating to the issue of "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1960, Series A." These matters are recorded elsewhere in the minutes of today's meeting.

At the hour of 3:30 p.m., all evidence and arguments presented at the hearing having been received, the Board retired from the hearing room to meet in executive session in an adjoining room. When the Board returned from its deliberations, President Williamson announced: "The meeting will come to order, and we will entertain a motion by Mr. Johnston."

Mr. Johnston then made the following motion:

"I move that the motions filed and objections not heretofore ruled upon presented to this Board by Assistant Professor Koch, through his counsel, be denied and overruled.

"I move that the findings and conclusions submitted to the Board of Trustees by the Legal Counsel of the University at the conclusion of the evidence received and arguments presented at the hearing granted Assistant Professor Leo F. Koch, at his request, and held before this Board of Trustees on June 14, 1960, be adopted by this Board of Trustees and stand as the findings and conclusions of this Board of Trustees in the proceeding resulting from the preferment of charges against Assistant Professor Leo F. Koch by the President of the University and the recommendation of the President of the University that Assistant Professor Leo F. Koch's present appointment at, and contract with, the University of Illinois be terminated on August 31, 1960, and further move that said recommendation of the President of the University be approved and that Assistant Professor Koch's present appointment at, and contract with, the University of Illinois be terminated on that date."

This motion was adopted by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; Mr. Wilkins, who participated in the hearing and in the deliberations and who signed the findings and conclusions of the Board in this case was absent when the record vote was taken; no, none; Governor Stratton was not present at the meeting, and therefore did not participate in the hearing.

At the request of President Williamson, the Secretary of the Board then read the conclusions of the Board in this case which are included in the reporter's transcript of the proceedings.

Motion for Rehearing

Following this reading, counsel for Dr. Koch orally moved for a rehearing of the case and also requested that the Board order its Secretary or other appropriate officer to prepare a duly certified copy of the record consisting of the pleadings and the evidence as well as a transcript of all or a portion of the argument, including specifically the argument of Legal Counsel for the University in chief and in rebuttal, and that of counsel for Dr. Koch in surrebuttal.

Mr. Swain moved that the motion for a rehearing be overruled; and the motion to overrule was unanimously adopted by a voice vote.

President Williamson stated that the request of counsel for Dr. Koch for a transcript of the proceedings of the hearing would be granted and that this would include: the arguments of Legal Counsel for the University; those of counsel for Dr. Koch; the findings and conclusions; the vote of the Board on the motion to deny and overrule the motions filed and objections presented by Assistant Professor Koch through his counsel; the motion to approve and adopt the findings and conclusions; the recommendation of the President of the University that Dr. Koch's appointment be terminated on August 31, 1960; and the vote of the Board on the motion for rehearing.

On motion of Mr. Swain, the Board then adjourned.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President

APPENDIX

UNIVERSITY OF ILLINOIS INTERNAL BUDGET FOR 1960-61

(Approved by the Board of Trustees June 14, 1960, page 1312)

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, 1960.

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, 1960. All balances and overdrafts in regular appropriations will be carried forward to 1961-62 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, 1959, payable in twelve installments annually (with any changes effective September, 1960).

D — One year, payable in twelve installments from September 1, 1959.

E — The academic year 1960-61, 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, 1960, 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.

Meals may be abbreviated "M," or "MM" for two meals. "R" indicates room.

Dollar amounts do not include any perquisites for the convenience of the University.

COMPARATIVE SUMMARY OF INCOME AND APPROPRIATIONS

	1959-60 Revised	1960-61 Proposed
<i>Estimated Income</i>		
General.....	\$60 455 000	\$64 455 000
Restricted.....	28 330 649	29 503 565
<i>Total, Estimated Income.....</i>	<i>\$88 785 649</i>	<i>\$93 958 565</i>
<i>Appropriations by Board of Trustees</i>		
From General Income.....	\$60 299 909	\$64 299 007
From Restricted Income.....	28 330 649	29 503 565
<i>Total, Appropriations.....</i>	<i>\$88 630 558</i>	<i>\$93 802 572</i>
<i>Unappropriated Balance from General Income.....</i>	<i>\$ 155 091</i>	<i>\$ 155 993</i>
	<i>Proposed</i>	<i>Per Cent</i>
<i>Income by Source</i>	<i>1960-61</i>	
State Appropriations.....	\$56 056 150	59.7
Federal Appropriations.....	3 180 783	3.4
Student Fees.....	4 230 000	4.5
Sales and Services.....	3 607 991	3.8
Reserved from 1959-60.....	1 900 000	2.0
Endowments, Contracts, and Gifts.....	12 984 795	13.8
<i>Total, Educational and General.....</i>	<i>(81 959 719)</i>	<i>(87.2)</i>
Auxiliary Enterprises.....	10 539 346	11.3
Student Aid and Noneducational.....	1 459 500	1.6
<i>Total, Income.....</i>	<i>\$93 958 565</i>	<i>100.0</i>
<i>Appropriations by Function</i>		
Administration and General.....	\$ 5 341 574	
Security Benefits.....	2 211 197	
Instruction and Departmental Research.....	29 244 587	31.2
Activities Relating to Instruction.....	7 034 617	7.5
Organized Research.....	16 582 166	17.6
Extension and Public Services.....	9 699 128	10.3
Libraries.....	2 167 285	2.3
Physical Plant.....	9 155 572	9.7
<i>Total, Educational and General.....</i>	<i>(81 436 126)</i>	<i>(86.6)</i>

	<i>Proposed 1960-61</i>	<i>Per Cent</i>
Auxiliary Enterprises.....	10 539 346	11.2
Student Aid and Noneducational.....	1 827 100	2.0
<i>Total, Appropriations.....</i>	<i>\$93 802 572</i>	<i>100.0</i>
<i>Appropriations by Location</i>		
Urbana-Champaign (includes state-wide services).....	\$67 288 435	71.7
Chicago Professional Colleges (includes Crippled Children) ..	21 744 963	23.2
Chicago Undergraduate Division.....	4 769 174	5.1
<i>Total, Appropriations.....</i>	<i>\$93 802 572</i>	<i>100.0</i>

**SUMMARY OF CHANGES IN APPROPRIATIONS
FROM GENERAL FUNDS**

	<i>Revised Budget 1959-60</i>	<i>Increase</i>	<i>Proposed Budget 1960-61</i>
<i>Urbana-Champaign</i>			
Agriculture.....	\$5 938 335	\$369 420	\$6 307 755
Commerce and Business Administration....	1 442 525	111 540	1 554 065
Education.....	1 420 677	112 033	1 532 710
Engineering.....	4 470 701	308 497	4 779 198
Fine and Applied Arts.....	1 863 495	140 650	2 004 145
Graduate College.....	983 927	62 410	1 046 337
Journalism and Communications.....	598 865	28 560	627 425
Law.....	299 330	23 430	322 760
Liberal Arts and Sciences.....	6 799 665	678 776	7 478 441
Physical Education.....	685 975	78 475	764 450
University Extension.....	591 417	63 843	655 260
Veterinary Medicine.....	458 435	49 390	507 825
Armed Forces.....	32 900	1 020	33 920
Aviation.....	387 580	19 380	406 960
Government and Public Affairs.....	71 700	3 310	75 010
Labor and Industrial Relations.....	260 520	12 900	273 420
Social Work.....	144 030	6 150	150 180
Special Services for War Veterans.....	18 680	-4 290	14 390
Summer Session.....	786 370	62 480	848 850
University Press.....	102 510	4 700	107 210
Library and Library School.....	1 878 738	87 337	1 966 075
Physical Plant.....	4 673 892	657 245	5 331 137
Administration and General.....	5 456 955	387 394	5 844 349
<i>Total, Urbana-Champaign.....</i>	<i>(39 367 222)</i>	<i>(3 264 650)</i>	<i>(42 631 872)</i>
<i>Chicago Professional Colleges</i>			
Medicine.....	3 521 345	173 988	3 695 333
Dentistry.....	914 602	52 840	967 442
Pharmacy.....	515 190	28 200	543 390
Graduate College.....	48 620	210	48 830
Nursing.....	170 298	8 795	179 093
Broadcasting.....	21 960	1 080	23 040
Crippled Children.....	1 651 020	19 000	1 670 020
Physical Education.....	16 890	860	17 750
Peromedical Laboratory.....	91 695	3 668	95 363
Research and Educational Hospitals.....	5 872 520	243 876	6 116 396
Library.....	133 360	4 720	138 080
Physical Plant.....	2 865 360	14 727	2 880 087
Administration and General.....	790 561	36 126	826 687
<i>Total, Chicago Professional.....</i>	<i>(16 613 421)</i>	<i>(588 090)</i>	<i>(17 201 511)</i>
<i>Chicago Undergraduate Division</i>			
Academic Divisions.....	2 279 871	138 250	2 418 121
Library.....	168 730	7 490	176 220
Physical Plant.....	932 390	3 308	935 698
Administration and General.....	563 275	47 310	610 585
<i>Total, Chicago Undergraduate Division.....</i>	<i>(3 944 266)</i>	<i>(196 358)</i>	<i>(4 140 624)</i>
<i>Funds and Reappropriations.....</i>	<i>375 000</i>	<i>-50 000</i>	<i>325 000</i>
<i>Appropriated.....</i>	<i>155 091</i>	<i>902</i>	<i>155 993</i>
<i>Total, Entire University.....</i>	<i>\$60 455 000</i>	<i>\$4 000 000</i>	<i>\$64 455 000</i>

**SUMMARY OF SALARY POSITIONS, WITH CHANGES FROM 1959-60
GENERAL FUNDS ONLY**

	<i>Academic Staff</i>		<i>Nonacademic Staff</i>	
	<i>Full Time Equivalent 1960-61</i>	<i>Change from 1959-60</i>	<i>Full Time Equivalent 1960-61</i>	<i>Change from 1959-60</i>
<i>Urbana-Champaign</i>				
Agriculture.....	521.25	4.47	290.67	.00
Commerce and Business Administration.....	152.01	5.04	28.00	2.50
Education.....	143.31	6.60	37.50	1.00
Engineering.....	401.31	11.00	147.39	2.00
Fine and Applied Arts.....	201.36	7.99	29.00	.00
Graduate College.....	52.60	1.73	29.52	3.90
Journalism and Communications.....	33.33	.70	38.40	— .10
Law.....	19.63	.05	5.50	.50
Liberal Arts and Sciences.....	859.73	55.73	130.32	5.50
Physical Education.....	82.30	7.70	25.13	1.50
University Extension.....	23.50	.80	25.20	1.40
Veterinary Medicine.....	35.69	3.00	24.88	.00
Armed Forces.....	.30	.00	7.00	.00
Aviation.....	19.50	1.00	23.00	.00
Government and Public Affairs.....	6.35	.08	2.50	.00
Labor and Industrial Relations.....	21.18	.00	10.50	.00
Social Work.....	10.50	.00	4.50	.00
Special Services for War Veterans.....	1.00	— .50	1.00	.00
Summer Session.....	.00	— .30	.50	.00
University Press.....	7.00	.00	7.50	.00
Library and Library School.....	133.50	1.00	109.75	.50
Physical Plant.....	6.00	.00	46.41	2.00
Administration and General.....	98.75	6.96	326.60	11.55
<i>Total, Urbana-Champaign.....</i>	<i>(2,830.10)</i>	<i>(113.05)</i>	<i>(1,350.77)</i>	<i>(32.25)</i>
<i>Chicago Professional Colleges</i>				
Medicine.....	235.05	2.00	140.56	— 3.20
Dentistry.....	52.07	1.10	55.35	.00
Pharmacy.....	51.25	1.00	19.00	.00
Graduate College.....	.90	.00	1.00	.00
Nursing.....	19.70	.00	4.00	.00
Broadcasting.....	.00	.00	3.00	.00
Crippled Children.....	1.00	— .73	49.00	.00
Physical Education.....	1.00	.00	1.00	.00
Aeromedical Laboratory.....	4.00	.00	5.00	.00
Research and Educational Hospitals....	4.67	.00	681.80	4.00
Library.....	7.00	.00	7.00	.00
Physical Plant.....	1.00	.00	34.72	.00
Administration and General.....	14.70	.00	90.36	1.00
<i>Total, Chicago Professional Colleges.....</i>	<i>(392.34)</i>	<i>(3.37)</i>	<i>(1,091.79)</i>	<i>(1.80)</i>
<i>Chicago Undergraduate Division</i>				
Academic Divisions.....	275.24	2.92	32.88	.00
Library.....	10.00	.00	15.00	.00
Physical Plant.....	.00	.00	7.88	.00
Administration and General.....	23.33	2.02	47.66	1.00
<i>Total, Chicago Undergraduate Division.....</i>	<i>(308.57)</i>	<i>(4.94)</i>	<i>(103.42)</i>	<i>(1.00)</i>
<i>Total, Entire University.....</i>	<i>3,531.01</i>	<i>121.36</i>	<i>2,545.98</i>	<i>35.05</i>

ESTIMATED INCOME

<i>Education and General Public Appropriations State</i>	<i>General Income</i>	<i>Restricted Income</i>	<i>Total</i>
For Current Operations.....	\$55 905 000	.....	\$55 905 000
For Institution for Tuberculosis Re- search.....	.....	\$ 71 150	71 150

	<i>General Income</i>	<i>Restricted Income</i>	<i>Total</i>
For Horseradish Research.....		5 000	5 000
Smith-Hughes Act.....	75 000		75 000
<i>Total, State</i>	(55 980 000)	(76 150)	(56 056 150)
Federal			
Morrill-Nelson Acts.....	50 000		50 000
Bankhead-Jones Act (Teaching).....	106 905		106 905
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 Act.....		1 581 983	1 581 983
Social Security Act — Services for Crippled Children.....		558 500	558 500
<i>Total, Federal</i>	(156 905)	(3 023 878)	(3 180 783)
Fees			
Student Fees.....	4 428 000		4 428 000
Less Fees for Housing.....	-428 000		-428 000
Net Student Fees.....	(4 000 000)		(4 000 000)
Extension Fees.....	230 000		230 000
<i>Total, Fees</i>	(4 230 000)		(4 230 000)
Sales and Service of Educational Departments and Miscellaneous Current Income			
Research and Educational Hospitals....	900 000	271 171	1 171 171
Dentistry.....	125 000	2 600	127 600
Aviation.....		319 770	319 770
Agriculture.....	122 500	447 820	570 320
Education.....		74 020	74 020
Investment Income.....	100 000		100 000
Veterinary Medicine.....		68 140	68 140
University Press.....		110 440	110 440
University Extension.....		553 780	553 780
All Other.....	215 595	297 155	512 750
<i>Total Sales, Services, and Miscellaneous Current Income</i>	(1 463 095)	(2 144 896)	(3 607 991)
Income Reserved from 1959-60.....	1 900 000		1 900 000
Trust Income for Educational Purposes			
Endowment Income.....		105 600	105 600
Gifts from Private Sources, Urbana....	75 000	2 487 300	2 562 300
Gifts from Private Sources, Chicago....	25 000	641 000	666 000
U.S. Contracts.....		8 440 000	8 440 000
Indirect Costs, Urbana.....	200 000	803 170	1 003 170
Indirect Costs, Chicago.....	100 000	107 725	207 725
<i>Total, Trust Income for Educational Purposes</i>	(400 000)	(12 584 795)	(12 984 795)
<i>Total, Educational and General</i>	(64 130 000)	(17 829 719)	(81 959 719)
Auxiliary Enterprises and Activities			
Income from Operations.....		10 539 346	10 539 346
Student Aid			
Endowment.....		117 500	117 500
Gifts.....		512 000	512 000
U.S. Contracts.....		425 000	425 000
Indirect Costs.....		80 000	80 000
<i>Total, Student Aid</i>		(1 134 500)	(1 134 500)
<i>Refunds and Reappropriations</i>	325 000		325 000
<i>Grand Total, Estimated Income</i>	\$64 455 000	\$29 503 565	\$93 958 565

APPROPRIATIONS

General		Wages, Ex- pense, and Equipment		Total	
<i>Administration and General</i>		<i>Salaries</i>			
Urbana-Champaign.....	\$2 659 972	\$3 106 977	\$5 766 949		
Chicago Undergraduate Division.....	483 685	126 900	610 585		
Chicago Professional Colleges.....	697 887	128 800	826 687		
<i>Total, Administration and General..</i>	<i>(3 841 544)</i>	<i>(3 362 677)</i>	<i>(7 204 221)</i>		
<i>Instruction</i>					
Urbana-Champaign.....	18 806 474	1 906 174	20 712 648		
Chicago Undergraduate Division.....	2 273 411	144 710	2 418 121		
Chicago Professional Colleges.....	4 807 703	604 135	5 411 838		
<i>Total, Instruction.....</i>	<i>(25 887 588)</i>	<i>(2 655 019)</i>	<i>(28 542 607)</i>		
<i>Organized Activities Relating to Instruction</i>					
Urbana-Champaign.....	171 410	13 300	184 710		
Chicago Professional Colleges.....	3 222 866	2 893 530	6 116 396		
<i>Total, Organized Activities Relating to Instruction.....</i>	<i>(3 394 276)</i>	<i>(2 906 830)</i>	<i>(6 301 106)</i>		
<i>Organized Research</i>					
Urbana-Champaign.....	4 189 973	957 395	5 147 368		
Chicago Professional Colleges.....	76 563	38 800	115 363		
<i>Total, Organized Research.....</i>	<i>(4 266 536)</i>	<i>(996 195)</i>	<i>(5 262 731)</i>		
<i>Extension and Public Services</i>					
Urbana-Champaign.....	2 827 710	481 825	3 309 535		
Chicago Professional Colleges.....	370 540	1 322 520	1 693 060		
<i>Total, Extension and Public Services</i>	<i>(3 198 250)</i>	<i>(1 804 345)</i>	<i>(5 002 595)</i>		
<i>Libraries</i>					
Urbana-Champaign.....	1 196 370	648 055	1 844 425		
Chicago Undergraduate Division.....	133 520	42 700	176 220		
Chicago Professional Colleges.....	82 480	55 600	138 080		
<i>Total, Libraries.....</i>	<i>(1 412 370)</i>	<i>(746 355)</i>	<i>(2 158 725)</i>		
<i>Physical Plant</i>					
Urbana-Champaign.....	374 450	4 956 687	5 331 137		
Chicago Undergraduate Division.....	55 382	880 316	935 698		
Chicago Professional Colleges.....	249 172	2 630 915	2 880 087		
<i>Total, Physical Plant.....</i>	<i>(679 004)</i>	<i>(8 467 918)</i>	<i>(9 146 922)</i>		
<i>Student Aid</i>					
Urbana-Champaign.....		278 100	278 100		
Chicago Professional Colleges.....		20 000	20 000		
<i>Total, Student Aid.....</i>		<i>(298 100)</i>	<i>(298 100)</i>		
<i>Unclassified</i>					
Nonacademic Balances.....	57 000		57 000		
Refunds and Reappropriations.....		325 000	325 000		
<i>Total, Unclassified.....</i>	<i>(57 000)</i>	<i>(325 000)</i>	<i>(382 000)</i>		
<i>Total, General.....</i>	<i>\$42 736 568</i>	<i>\$21 562 439</i>	<i>\$64 299 007</i>		

Restricted

		Wages, Ex- pense, and Equipment		Total	
<i>Administration and General</i>		<i>Salaries</i>			
Urbana-Champaign.....	\$ 193 975	\$ 99 850	\$ 293 825		
Chicago Undergraduate Division.....	720	2 500	3 220		
Chicago Professional Colleges.....	29 565	21 940	51 505		
<i>Total, Administration and General..</i>	<i>(224 260)</i>	<i>(124 290)</i>	<i>(348 550)</i>		
<i>Instruction</i>					
Urbana-Champaign.....	186 660	208 000	394 660		
Chicago Professional Colleges.....	215 320	92 000	307 320		
<i>Total, Instruction.....</i>	<i>(401 980)</i>	<i>(300 000)</i>	<i>(701 980)</i>		
<i>Organized Activities Relating to Instruction</i>					
Urbana-Champaign.....	78 027	382 313	460 340		
Chicago Professional Colleges.....	105 366	167 805	273 171		
<i>Total, Organized Activities Relating to Instruction.....</i>	<i>(183 393)</i>	<i>(550 118)</i>	<i>(733 511)</i>		

	Salaries	Wages, Ex- pense, and Equipment	Total
<i>Organized Research</i>			
Urbana-Champaign.....	5 404 695	3 870 590	9 275 285
Chicago Professional Colleges.....	1 186 475	857 675	2 044 150
<i>Total, Organized Research</i>	(6 591 170)	(4 728 265)	(11 319 435)
<i>Extension and Public Services</i>			
Urbana-Champaign.....	1 633 335	2 447 098	4 080 433
Chicago Professional Colleges.....	311 095	305 005	616 100
<i>Total, Extension and Public Services</i> (1 944 430)		(2 752 103)	(4 696 533)
<i>Libraries</i>			
Urbana-Champaign.....	3 060	5 500	8 560
<i>Physical Plant</i>			
Urbana-Champaign.....		8 650	8 650
Chicago Professional Colleges.....		259 000	259 000
<i>Total, Physical Plant</i>		(267 650)	(267 650)
<i>Auxiliary Enterprises</i>			
Urbana-Champaign.....	736 639	7 990 671	8 727 310
Chicago Undergraduate Division.....	91 544	533 786	625 330
Chicago Professional Colleges.....	61 942	865 764	927 706
<i>Total, Auxiliary Enterprises</i>	(890 125)	(9 390 221)	(10 280 346)
<i>Student Aid</i>			
Urbana-Champaign.....		1 070 000	1 070 000
Chicago Professional Colleges.....		64 500	64 500
<i>Total, Student Aid</i>		(1 134 500)	(1 134 500)
<i>Unclassified</i>			
Urbana-Champaign.....		12 500	12 500
<i>Total, Restricted</i>	\$10 238 418	\$19 265 147	\$29 503 565
<i>GRAND TOTAL</i>	\$52 974 986	\$40 827 586	\$93 802 572

URBANA-CHAMPAIGN

APPROPRIATIONS

	General	Wages, Ex- pense, and Equipment	Total
<i>Administration and General</i>	Salaries		
General Administrative Offices.....	\$1 422 822	\$ 326 240	\$1 749 062
General Student Service.....	911 545	201 410	1 112 955
General University Service.....	304 475	389 260	693 735
Security Benefits.....	21 130	2 190 067	2 211 197
<i>Total, Administration and General</i> ... (2 659 972)		(3 106 977)	(5 766 949)
<i>Instruction</i>			
Instructional Television.....	20 400		20 400
Agriculture.....	1 278 630	246 815	1 525 445
Commerce and Business Administration..	1 317 735	70 440	1 388 175
Education.....	947 695	122 580	1 070 275
Engineering.....	3 501 082	310 680	3 811 762
Fine and Applied Arts.....	1 700 870	143 300	1 844 170
Graduate College.....	154 495	17 550	172 045
Journalism and Communications.....	220 480	18 350	238 830
Law.....	294 160	24 000	318 160
Liberal Arts and Sciences.....	6 794 152	684 289	7 478 441
Physical Education.....	677 400	87 050	764 450
University Extension.....	26 160	7 200	33 360
Veterinary Medicine.....	449 105	46 720	495 825
Armed Forces.....	24 270	9 650	33 920
Aviation.....	328 560	78 400	406 960
Social Work.....	130 980	19 200	150 180
Special Services for War Veterans.....	14 090	300	14 390
Summer Session.....	811 460	12 750	824 210
Library and Library School.....	114 750	6 900	121 650
<i>Total, Instruction</i>	(18 806 474)	(1 906 174)	(20 712 648)

General (Concluded)		Wages, Ex- pense, and Equipment	
<i>Organized Activities Relating to Instruction</i>	<i>Salaries</i>		<i>Total</i>
Education.....	171 410	13 300	184 710
<i>Organized Research</i>			
Agriculture.....	2 270 540	489 635	2 760 175
Commerce and Business Administration..	76 445	19 500	95 945
Education.....	193 785	15 710	209 495
Engineering.....	821 866	145 570	967 436
Fine and Applied Arts.....	69 430	7 900	77 330
Graduate College.....	368 262	243 530	611 792
Journalism and Communications.....	61 665	3 100	64 765
Veterinary Medicine.....	12 000	.....	12 000
Government and Public Affairs.....	65 260	9 750	75 010
Labor and Industrial Relations.....	250 720	22 700	273 420
<i>Total, Organized Research</i>	(4 189 973)	(957 395)	(5 147 368)
<i>Extension and Public Services</i>			
Agriculture.....	1 983 595	38 540	2 022 135
Commerce and Business Administration..	60 545	9 400	69 945
Education.....	64 030	4 200	68 230
Fine and Applied Arts.....	65 870	5 775	71 645
Journalism and Communications.....	221 030	102 800	323 830
University Extension.....	312 690	309 210	621 900
Summer Session.....	19 090	5 550	24 640
University Press.....	100 860	6 350	107 210
<i>Total, Extension and Public Services</i>	(2 827 710)	(481 825)	(3 309 535)
<i>Libraries</i>			
Library and Library School.....	1 196 370	648 055	1 844 425
<i>Physical Plant</i>	374 450	4 956 687	5 331 137
<i>Student Aid</i>			
Fine and Applied Arts.....	.....	11 000	11 000
Graduate College.....	.....	262 500	262 500
Law.....	.....	4 600	4 600
<i>Total, Student Aid</i>.....	.....	(278 100)	(278 100)
<i>Unclassified</i>			
Nonacademic Balances.....	57 000	.....	57 000
Refunds and Reappropriations.....	.....	325 000	325 000
<i>Total, Unclassified</i>	(57 000)	(325 000)	(382 000)
<i>Total, General</i>	\$30 283 359	\$12 673 513	\$42 956 872

Restricted		Wages, Ex- pense, and Equipment	
<i>Administration and General</i>	<i>Salaries</i>		<i>Total</i>
<i>Instruction</i>	\$ 193 975	\$ 99 850	\$ 293 825
Agriculture.....	3 300	2 000	5 300
Commerce and Business Administration..	28 000	24 400	52 400
Education.....	10 000	18 400	28 400
Engineering.....	75 000	46 000	121 000
Fine and Applied Arts.....	.....	10 500	10 500
Graduate College.....	.....	8 000	8 000
Journalism and Communications.....	.....	2 000	2 000
Liberal Arts and Sciences.....	50 060	24 500	74 560
Physical Education.....	.....	2 100	2 100
Veterinary Medicine.....	.....	5 000	5 000
Armed Forces.....	.....	34 600	34 600
Government and Public Affairs.....	1 500	.....	1 500
Social Work.....	10 000	10 000	20 000
Summer Session.....	4 000	6 000	10 000
Library and Library School.....	4 800	14 500	19 300
<i>Total, Instruction</i>	(186 660)	(208 000)	(394 660)

	Salaries	Wages, Expense, and Equipment	Total
<i>Organized Activities Relating to Instruction</i>			
Agriculture.....	18 117	54 313	72 430
Veterinary Medicine.....	10 140	58 000	68 140
Aviation.....	49 770	270 000	319 770
<i>Total, Organized Activities Relating to Instruction.....</i>	<i>(78 027)</i>	<i>(382 313)</i>	<i>(460 340)</i>
<i>Organized Research</i>			
Agriculture.....	925 795	791 590	1 717 385
Commerce and Business Administration..	40 000	28 700	68 700
Education.....	188 000	72 000	260 000
Engineering.....	2 850 000	2 004 600	4 854 600
Fine and Applied Arts.....	5 000	5 200	10 200
Graduate College.....	440 000	370 000	810 000
Liberal Arts and Sciences.....	930 000	563 500	1 493 500
Physical Education.....	3 000	6 000	9 000
Veterinary Medicine.....	13 000	18 000	31 000
Government and Public Affairs.....	3 900	5 000	8 900
Labor and Industrial Relations.....	6 000	6 000	12 000
<i>Total, Organized Research.....</i>	<i>(5 404 695)</i>	<i>(3 870 590)</i>	<i>(9 275 285)</i>
<i>Extension and Public Services</i>			
Agriculture.....	1 399 855	1 426 128	2 825 983
Commerce and Business Administration..	1 440	9 000	10 440
Education.....	15 600	47 020	62 620
Fine and Applied Arts.....	2 820	34 950	37 770
Journalism and Communications.....	50 000	30 000	80 000
Physical Education.....	.....	300	300
University Extension.....	72 180	481 600	553 780
Government and Public Affairs.....	.....	4 000	4 000
University Press.....	1 440	109 000	110 440
International Cooperation.....	90 000	300 000	390 000
Library and Library School.....	.....	5 100	5 100
<i>Total, Extension and Public Services (1 633 335)</i>	<i>(2 447 098)</i>	<i>(4 080 433)</i>	
<i>Libraries</i>			
Library and Library School.....	3 060	5 500	8 560
<i>Physical Plant.....</i>	<i>.....</i>	<i>8 650</i>	<i>8 650</i>
<i>Auxiliary Enterprises</i>			
Administration and General.....	199 806	549 800	749 606
Agriculture.....	4 860	50 500	55 360
Engineering.....	.....	10 000	10 000
University Extension.....	48 250	91 000	139 250
Physical Plant.....	483 723	7 289 371	7 773 094
<i>Total, Auxiliary Enterprises.....</i>	<i>(736 639)</i>	<i>(7 990 671)</i>	<i>(8 727 310)</i>
<i>Student Aid</i>			
Gifts and Endowment.....	.....	1 070 000	1 070 000
<i>Unclassified</i>			
Administration and General.....	.....	12 500	12 500
<i>Total, Restricted.....</i>	<i>\$8 236 391</i>	<i>\$16 095 172</i>	<i>\$24 331 563</i>

ADMINISTRATION AND GENERAL

	General	Wages, Expense, and Equipment	Total
<i>General Administrative Offices</i>			
Board of Trustees.....	\$ 28 170	\$ 31 800	\$ 59 970
President's Office.....	149 840	30 000	179 840
Provost's Office.....	106 540	9 300	115 840
Committee on Community Problems....	.....	6 300	6 300
Instructional Research.....	.....	16 000	16 000

General (Concluded)		Wages, Ex- pense, and Equipment	Total
	Salaries		
Business Office			
Comptroller.....	67 360	17 400	84 760
Accounting.....	116 920	18 700	135 620
Auditing.....	76 110	9 300	85 410
Bursar.....	130 060	31 500	161 560
Purchasing.....	149 222	16 400	165 622
<i>Total, Business Office.....</i>	<i>(539 672)</i>	<i>(93 300)</i>	<i>(632 972)</i>
Admissions and Records.....	342 830	90 640	433 470
College Days.....	.....	6 000	6 000
Legal Counsel.....	74 770	10 900	85 670
Nonacademic Personnel.....	108 730	14 100	122 830
Public Information.....	72 270	17 900	90 170
<i>Total, General Administrative Offices. (1 422 822)</i>		<i>(326 240)</i>	<i>(1 749 062)</i>
<i>General Student Service</i>			
Dean of Students			
General.....	101 480	11 460	112 940
Freshman Week.....	.....	6 250	6 250
Student Activity.....	.....	1 300	1 300
Student Employment.....	.....	6 500	6 500
Dean of Men.....	45 510	14 100	59 610
Dean of Women.....	79 380	10 800	90 180
Housing Division.....	37 030	4 700	41 730
Coordinating Placement Office.....	37 660	7 100	44 760
Security Office.....	49 745	24 500	74 245
<i>Total, Dean of Students.....</i>	<i>(350 805)</i>	<i>(86 710)</i>	<i>(437 515)</i>
Health Service.....	350 310	54 200	404 510
McKinley Hospital Support.....	.....	40 000	40 000
Student Counseling Service.....	210 430	20 500	230 930
<i>Total, General Student Service.....</i>	<i>(911 545)</i>	<i>(201 410)</i>	<i>(1 112 955)</i>
<i>General University Service</i>			
Provost's Office			
Bureau of Institutional Research.....	48 945	6 300	55 245
Statistical Service Unit.....	138 660	87 800	226 460
Courses and Curricula.....	8 800	200	9 000
Space Committee.....	18 620	6 000	24 620
Instructional Television.....	13 980	10 900	24 880
University Honors Programs.....	23 180	3 400	26 580
<i>Total, Provost's Office.....</i>	<i>(252 185)</i>	<i>(114 600)</i>	<i>(366 785)</i>
Alumni Relations and Records.....	34 920	36 130	71 050
University of Illinois Foundation.....	.....	53 200	53 200
Illini Center.....	9 060	10 700	19 760
Audit of University Accounts.....	.....	18 700	18 700
Building Program Committee.....	2 730	425	3 155
Citizens Committee.....	.....	5 500	5 500
Commencement.....	.....	23 000	23 000
Committee on Student English.....	5 580	1 100	6 680
General Publications.....	.....	62 000	62 000
General University Lectures.....	.....	9 000	9 000
Honors Day.....	.....	2 850	2 850
Incidental and Emergency.....	.....	7 000	7 000
Memberships in Organizations.....	.....	8 055	8 055
Public Functions.....	.....	37 000	37 000
<i>Total, General University Service.....</i>	<i>(304 475)</i>	<i>(389 260)</i>	<i>(693 735)</i>
<i>Security Benefits</i>			
University Retirement System.....	.....	2 119 350	2 119 350
Retiring Allowances.....	.....	22 217	22 217
Accident Compensation.....	21 130	42 000	63 130
Death and Disability Benefits.....	.....	6 500	6 500
<i>Total, Security Benefits.....</i>	<i>(21 130)</i>	<i>(2 190 067)</i>	<i>(2 211 197)</i>

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Provost's Office			
Instructional Television	20 400	.....	20 400
<i>Unclassified</i>			
Nonacademic Free Budget Balances	57 000	.....	57 000
<i>Total, General</i>	\$2 737 372	\$3 106 977	\$5 844 349

<i>Restricted</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
<i>Administration and General</i>			
Accountancy Committee Revolving	\$ 19 245	\$ 32 500	\$ 51 745
Entrance Examinations Revolving	4 860	4 200	9 060
Estimated Indirect Costs	159 870	33 150	193 020
Estimated Private Gifts	10 000	20 000	30 000
Estimated U.S. Contracts .....	.....	10 000	10 000
<i>Total, Administration and General</i> ..	(193 975)	(99 850)	(293 825)
<i>Auxiliary Enterprises</i>			
Hospital Insurance Administration	18 020	509 300	527 320
McKinley Hospital	181 786	40 500	222 286
<i>Total, Auxiliary Enterprises</i>	(199 806)	(549 800)	(749 606)
<i>Unclassified</i>			
Chartered Traveling Revolving .....	.....	11 000	11 000
Veterans Books and Supplies .....	.....	1 500	1 500
<i>Total, Unclassified</i> .....	.....	(12 500)	(12 500)
<i>Total, Restricted</i>	\$ 393 781	\$ 662 150	\$1 055 931

Board of Trustees

Account Number 00-10-01-000		
1. A. J. Janata, Secretary	ZDY50	\$ 10 500
(Total Salary)		(21 000)
2. H. E. Cunningham, Secretary, <i>Emeritus</i>	ZR	.....
Nonacademic Salaries		17 670
<i>Total, Salaries</i>		(28 170)
Wages		300
Expense		31 000
Equipment		500
<i>Total, Wages, Expense, and Equipment</i>		(31 800)
<i>Total, Board of Trustees</i>		\$ 59 970

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. Arthur Cutts Willard, President, <i>Emeritus</i>	R	.....
4. A. J. Janata, Executive Assistant to the President	ZDY50	10 500
(Total Salary)		(21 000)
5. George H. Bargh, Administrative Assistant	ZDY	9 700
6. Joseph S. Begando, Assistant to the President	DY	16 500
7. Robert W. Evans, Administrative Assistant	FY	9 000
(Effective January 1, 1960)		.....
8. Eunice C. Parker, Research Associate	DY60	5 800
9. W. H. Rice, Administrative Assistant	DY	.....
(On leave without pay to January 1, 1961)		.....
Nonacademic Salaries		62 340
<i>Total, Salaries</i>		(149 840)
Wages		5 000
Expense		23 000
Equipment		2 000
<i>Total, Wages, Expense, and Equipment</i>		(30 000)
<i>Total, President's Office</i>		\$179 840

Indirect Costs — President's Office

Account Number 40-10-02-000

Nonacademic Salaries	\$ 3 240
Equipment	850
<i>Total, Indirect Costs — President's Office.....</i>	<u>\$ 4 090</u>

Vice-President and Provost's Office

Account Number 00-10-40-000

1. Lyle H. Lanier, Vice-President and Provost..... ZBY	\$ 25 500
2. Henning Larsen, Vice-President and Provost, <i>Emeritus</i> ZR	.....
3. Royden Dangerfield, Associate Provost and Dean of Administration..... ZBY	21 000
4. Academic Salary Increases Unassigned.....	40 000
Nonacademic Salaries	20 040
<i>Total, Salaries</i>	<u>(106 540)</u>
Wages	500
Expense	8 000
Expense, Community Problems.....	6 300
Expense, Instructional Research.....	16 000
Convention Travel	500
Nonrecurring Unassigned	(35 000)
Equipment	300
<i>Total, Wages, Expense, and Equipment.....</i>	<u>(31 600)</u>
<i>Total, Vice-President and Provost's Office.....</i>	<u>\$138 140</u>

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	13 000
Nonacademic Salaries	30 360
<i>Total, Salaries</i>	<u>(67 360)</u>
Wages	1 500
Expense	14 300
Convention Travel	300
Equipment.....	1 300
<i>Total, Wages, Expense, and Equipment.....</i>	<u>(17 400)</u>
<i>Total, Vice-President and Comptroller's Office.....</i>	<u>\$ 84 760</u>

Auxiliary — Hospital Insurance Administration

Account Number 18-10-06-701

Nonacademic Salaries	\$ 18 020
<i>Total, Salaries</i>	<u>(18 020)</u>
Wages	300
Expense	9 000
Premiums, Staff	200 000
Premiums, Student	300 000
<i>Total, Wages, Expense, and Equipment.....</i>	<u>(509 300)</u>
<i>Total, Auxiliary — Hospital Insurance Administration</i>	<u>\$527 320</u>

Business Office**Accounting Division**

Account Number 00-10-08-000

1. Lyle M. Dahlenburg, Chief Accountant..... DY	\$ 14 000
2. C. H. Pratt, Chief Accountant, <i>Emeritus</i> R	.....
Nonacademic Salaries	102 920
<i>Total, Salaries</i>	<u>(116 920)</u>
Wages	2 200
Expense	16 000
Equipment	500
<i>Total, Wages, Expense, and Equipment.....</i>	<u>(18 700)</u>
<i>Total, Accounting Division.....</i>	<u>\$135 620</u>

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	\$ 1 500
<i>Total, Veterans Books and Supplies Revolving.....</i>	<i>\$ 1 500</i>

INDIRECT COSTS — ACCOUNTING DIVISION

Account Number 40-10-08-000

Nonacademic Salaries	\$ 17 670
Expense	1 900
<i>Total, Indirect Costs — Accounting Division.....</i>	<i>\$ 19 570</i>

Auditing Division

Account Number 00-10-09-000

1. Wilbur J. Thom, Auditor.....	DY	\$ 11 500
2. S. C. Smith, Auditor, <i>Emeritus</i>	R	.....
Nonacademic Salaries		64 610
<i>Total, Salaries</i>		<i>(76 110)</i>
Wages		6 800
Expense		2 000
Equipment		500
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(9 300)</i>
<i>Total, Auditing Division.....</i>		<i>\$ 85 410</i>

INDIRECT COSTS — AUDITING DIVISION

Account Number 40-10-09-000

Nonacademic Salaries	\$ 10 380
Expense	1 300
<i>Total, Indirect Costs — Auditing Division.....</i>	<i>\$ 11 680</i>

Bursar's Division

Account Number 00-10-10-000

1. C. C. DeLong, Bursar.....	ZDY	\$ 15 000
Nonacademic Salaries		115 060
<i>Total, Salaries</i>		<i>(130 060)</i>
Wages		4 700
Expense		26 000
Equipment		800
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(31 500)</i>
<i>Total, Bursar's Division.....</i>		<i>\$161 560</i>

INDIRECT COSTS — BURSAR'S DIVISION

Account Number 40-10-10-000

Nonacademic Salaries	\$ 44 700
Expense	8 300
<i>Total, Indirect Costs — Bursar's Division.....</i>	<i>\$ 53 000</i>

Purchasing Division

Account Number 00-10-11-000

1. James E. Osborn, Director of Purchases.....	DY	\$ 13 200
2. H. M. Edwards, Director of Purchases, <i>Emeritus</i>	ZR	.....
Nonacademic Salaries		136 022
<i>Total, Salaries</i>		<i>(149 222)</i>
Wages		1 000
Expense		14 900
Equipment		500
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(16 400)</i>
<i>Total, Purchasing Division.....</i>		<i>\$165 622</i>

INDIRECT COSTS — PURCHASING DIVISION

Account Number 40-10-11-000

Nonacademic Salaries	\$ 37 610
Expense	4 000
<i>Total, Indirect Costs — Purchasing Division.....</i>	<i>\$ 41 610</i>

Admissions and Records

Account Number 00-10-13-000

1. C. W. Sanford, Dean.....	ZBY	\$ 20 000
2. George P. Tuttle, Director, <i>Emeritus</i>	R	.....
3. L. B. Fisher, Coordinator of School and University Articulation.....	ZDY50	6 025
(Total Salary)		(12 050)
4. D. A. Grossman, Director of the Undergraduate Scholarship Program, <i>Emeritus</i>	R	.....
5. E. C. Seyler, Associate Dean of Admissions and Rec- ords.....	DY	15 700
6. _____, Director of the Undergraduate Scholar- ship Program	DY50	6 750
7. E. T. Sanford, Coordinator of Veterans' Educational Benefits.....	DY	9 000
8. Paul M. Garman, Assistant Coordinator of School and University Articulation	DY50	3 500
(Also Nonacademic) (Total Salary)		(7 000)
9. Edward T. O'Meara, Assistant Coordinator of School and University Articulation.....	ZDY50	2 500
(Total Salary)		(5 000)
Nonacademic Salaries		279 355
<i>Total, Salaries</i>		<i>(342 830)</i>
Wages		20 440
Expense		61 000
Expense, Articulation		4 700
Expense, Nonrecurring		(6 892)
Expense, College Days.....		6 000
Convention Travel		300
Equipment		4 200
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(96 640)</i>
<i>Total, Admissions and Records.....</i>		<i>\$439 470</i>

Accountancy Committee Revolving

Account Number 12-10-13-001

I. _____, Director of the Undergraduate Scholar- ship Program	DY50	\$ 6 750
Nonacademic Salaries		12 495
<i>Total, Salaries</i>		<i>(19 245)</i>
Wages		700
Expense		30 800
Equipment		1 000
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(32 500)</i>
<i>Total, Accountancy Committee Revolving.....</i>		<i>\$ 51 745</i>

Entrance Examinations Revolving

Account Number 12-10-13-022

Nonacademic Salaries	\$ 4 860
<i>Total, Salaries</i>	<i>(4 860)</i>
Wages	3 200
Expense	1 000
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(4 200)</i>
<i>Total, Entrance Examinations Revolving.....</i>	<i>\$ 9 060</i>

Indirect Costs — Admissions and Records

Account Number 40-10-13-000

Nonacademic Salaries	\$ 3 210
<i>Total, Salaries</i>	(3 210)
Wages	2 300
Expense	600
<i>Total, Wages, Expense, and Equipment</i>	(2 900)
<i>Total, Indirect Costs — Admissions and Records</i>	\$ 6 110

Legal Counsel

Account Number 00-10-15-000

1. Ralph F. Lesemann, Legal Counsel..... ZBY	\$ 22 000
Nonacademic Salaries	52 770
<i>Total, Salaries</i>	(74 770)
Wages	1 700
Expense	8 500
Convention Travel	100
Equipment	600
<i>Total, Wages, Expense, and Equipment</i>	(10 900)
<i>Total, Legal Counsel</i>	\$ 85 670

Nonacademic Personnel

Account Number 00-10-16-000

1. Donald E. Dickason, Director..... {BY50	\$ 8 750
(Total Salary)	{BY25 (4 375)
(Also paid \$4,375 by Merit Board)	(13 125)
2. Robert E. Hartz, Associate Director..... DY	14 000
Nonacademic Salaries	85 080
<i>Total, Salaries</i>	(108 730)
Wages	2 100
Expense	10 300
Convention Travel	200
Equipment	1 500
<i>Total, Wages, Expense, and Equipment</i>	(14 100)
<i>Total, Nonacademic Personnel</i>	\$122 830

Nonacademic Free Budget Balances

Account Number 00-10-16-910

Nonacademic Salaries	\$ 57 000
<i>Total, Nonacademic Free Budget Balances</i>	\$ 57 000

Indirect Costs — Nonacademic Personnel

Account Number 40-10-16-000

Nonacademic Salaries	\$ 9 600
Expense	1 200
<i>Total, Indirect Costs — Nonacademic Personnel</i>	\$ 10 800

Public Information

Account Number 00-10-18-000

1. Charles E. Flynn, Director..... BY	\$ 17 500
2. Josef F. Wright, Director, <i>Emeritus</i> ZR	.....
3. W. Scott Tyler, Editor of Illinois Alumni News..... DY	10 000
4. 1.00 Full Time Equivalent Assistants..... E	3 800
Nonacademic Salaries	40 970
<i>Total, Salaries</i>	(72 270)
Wages	200
Expense	17 000
Convention Travel	200
Equipment	500
<i>Total, Wages, Expense, and Equipment</i>	(17 900)
<i>Total, Public Information</i>	\$ 90 170

Dean of Students

General

Account Number 00-10-20-000

1. Fred H. Turner, Dean of Students.....	BY	\$ 17 500
2. Robert A. Schuiteman, Director of the Office of Foreign Students.....	ZDY50	4 750
(Total Salary)		(9 500)
3. E. E. Stafford, Associate Dean of Students.....	BY	12 500
4. Arthur Hamilton, Assistant Dean of Foreign Students, <i>Emeritus</i>	ZR	.....
5. John R. Griffin, Assistant Dean of Students.....	ZDY50	4 250
(Total Salary)		(8 500)
6. V. J. Hampton, Assistant Dean of Students.....	DY	10 500
7. Paul J. Magelli, Assistant to the Dean of Students....	DY	5 400
8. Calvin S. Sifferd, Assistant Dean of Students.....	ZDY50	4 300
(Total Salary)		(8 600)
9. _____, Assistant to the Director of the Office of Foreign Students	DY	5 500
Nonacademic Salaries		36 780
<i>Total, Salaries</i>		(101 480)
Wages, General		3 160
Wages, Freshman Week.....		350
Wages, Foreign Students.....		700
Wages, Student Activities.....		750
Wages, Student Employment.....		4 300
Expense, General		2 600
Expense, Freshman Week.....		5 900
Expense, Foreign Students.....		1 500
Expense, Student Activities.....		550
Expense, Student Employment.....		2 200
Contingency.....		2 350
Convention Travel		500
Equipment, General		650
<i>Total, Wages, Expense, and Equipment</i>		(25 510)
<i>Total, Dean of Students — General</i>		\$126 990

Dean of Men

Account Number 00-10-21-000

1. Carl W. Knox, Dean of Men.....	BY	\$ 13 500
2. Richard E. O'Leary, Assistant Dean of Men.....	DY	6 000
3. Eldon E. Park, Assistant Dean of Men.....	DY	6 000
4. _____, Associate Dean of Men.....	DY	9 600
Nonacademic Salaries		10 410
<i>Total, Salaries</i>		(45 510)
Wages.....		8 600
Expense		4 700
Equipment		800
<i>Total, Wages, Expense, and Equipment</i>		(14 100)
<i>Total, Dean of Men</i>		\$ 59 610

Dean of Women

Account Number 00-10-22-000

1. Miriam A. Shelden, Dean of Women.....	BY	\$ 13 500
2. Maria Leonard, Dean of Women, <i>Emerita</i>	R	.....
3. B. Joan Cochran, Assistant Dean of Women.....	DY	6 400
4. Eunice M. Dowse, Assistant Dean of Women.....	DY	8 800
5. Mary E. Harrison, Assistant Dean of Women.....	DY	6 600
6. Ann J. McNamara, Assistant Dean of Women.....	DY	6 600
7. _____, Assistant Dean of Women.....	DY	6 000
8. Mary E. Garrard, House Director of Gamma House..	ZG37	650
(Total Salary)		(2 000)
(Ten months from September 1, 1960)		

9. Ruth C. Anderson, House Director of Beta House.....	ZG37	650
(Total Salary)		(2 000)
(Ten months from September 1, 1960)		
10. Mae Real, House Director of Alpha House.....	ZG37	650
(Total Salary)		(2 000)
(Ten months from September 1, 1960)		
11. 1.00 Full Time Equivalent Assistants.....	E	3 800
12. Summer Assistants	G	800
Nonacademic Salaries		24 930
<i>Total, Salaries</i>		(79 380)
Wages.....		4 800
Expense		5 400
Equipment		600
<i>Total, Wages, Expense, and Equipment</i>		(10 800)
<i>Total, Dean of Women</i>		\$ 90 180

Housing Division

Account Number 00-10-24-000

1. V. L. Kretschmer, Director of Auxiliary Services.....	ZDY50	\$ 8 500
(Total Salary)		(17 000)
Nonacademic Salaries		28 530
<i>Total, Salaries</i>		(37 030)
Wages.....		1 100
Expense		3 350
Equipment		250
<i>Total, Wages, Expense, and Equipment</i>		(4 700)
<i>Total, Housing Division</i>		\$ 41 730

Coordinating Placement Office

Account Number 00-10-26-000

1. G. W. Peck, Coordinating Placement Officer.....	BY	\$ 12 000
2. John R. Griffin, Assistant Coordinating Placement Officer.....	ZDY50	4 250
(Total Salary)		(8 500)
3. Robert S. Holty, Chicago Coordinating Placement Officer.....	DY	11 000
Nonacademic Salaries		10 410
<i>Total, Salaries</i>		(37 660)
Wages.....		2 600
Expense		4 000
Equipment		500
<i>Total, Wages, Expense, and Equipment</i>		(7 100)
<i>Total, Coordinating Placement Office</i>		\$ 44 760

Security Office

Account Number 00-10-28-000

1. William T. Morgan, Security Officer.....	DY	\$ 10 800
2. Max A. Irvin, Assistant Security Officer.....	DY	9 800
Nonacademic Salaries		29 145
<i>Total, Salaries</i>		(49 745)
Wages.....		4 500
Wages, Motor Vehicle Office.....		6 500
Expense		6 500
Expense, Motor Vehicle Office.....		6 000
Equipment		1 000
<i>Total, Wages, Expense, and Equipment</i>		(24 500)
<i>Total, Security Office</i>		\$ 74 245

Health Service

Account Number 00-10-30-000

1. Orville S. Walters, Director of Health Services.....	DY}	\$ 19 500
Lecturer in Psychiatry and Professor of Hygiene....	AY}	

2. Marion D. Kinzie, Associate Director of Health Services; Associate Professor of Hygiene and Staff Physician in the Health Center and McKinley Hospital (Total Salary)	AY BY	15 000 1 000
3. Henry I. Teigler, Staff Physician in the Health Center and Professor of Hygiene.....	AY	13 200
4. Elmer W. Cavins, Staff Physician in the Health Center and Associate Professor of Hygiene.....	AY	13 000
5. Dorothy F. Dunn, Associate Professor of Hygiene....	A	8 400
6. G. F. Kolar, Dental Adviser, Oral Hygienist, and Associate Professor of Hygiene.....	AY	9 900
7. L. D. Lewis, Staff Physician in the Health Center Associate Professor of Hygiene.....	AY ₅₀ AY ₅₀	6 500 6 500
(Total Salary)		(13 000)
(On leave without pay for two years from September 1, 1960)		
8. May I. Millbrook, Staff Physician in the Health Center and Associate Professor of Hygiene.....	A	9 000
9. Charles H. Nichols, Staff Physician in the Health Center and McKinley Hospital and Associate Professor of Hygiene.....	AY	15 000
10. Jack Otis, Psychiatric Social Work Supervisor and Associate Professor of Hygiene.....	A	9 200
(On leave with one-half pay 1960-61)		
11. Marjorie M. Smarzo, Staff Physician in the Health Center and Associate Professor of Hygiene.....	AY	11 000
12. Loren W. Akers, Staff Physician in the Health Center and McKinley Hospital and Assistant Professor of Hygiene	BY	12 600
13. Robert B. Montgomery, Medical Adviser and Assistant Professor of Hygiene.....	G	.....
(On disability leave—University Retirement System)		
14. Arthur G. Nikelly, Clinical Psychologist and Assistant Professor of Hygiene.....	BY	8 000
15. Lloyd W. Ravlin, Psychiatrist and Assistant Professor of Hygiene	BY	14 800
16. Helen C. Sharp, Staff Physician in the Health Center and McKinley Hospital and Assistant Professor of Hygiene	BY	12 600
17. Anne E. VanDyke, Staff Physician in the Health Center and McKinley Hospital and Assistant Professor of Hygiene	BY	12 600
18. Anthony J. Vinci, Staff Physician in the Health Center and McKinley Hospital and Assistant Professor of Hygiene	BY	12 600
19. Robert W. Whitener, Psychiatrist and Assistant Professor of Hygiene.....	BY	15 000
20. G. R. Blackstone, Associate, <i>Emeritus</i>	R	.....
21. LeRoy L. Fatherree, Consultant.....	BY ₂₅	5 000
22. Milton R. Glaser, Staff Physician in the Health Center and McKinley Hospital.....	BY	15 000
23. _____, Psychiatric Social Worker in the Health Center.....	DY	8 250
24. _____, Staff Physician in the Health Center and McKinley Hospital and Assistant Professor of Hygiene	BY	12 000
Nonacademic Salaries		91 160
Total, Salaries		(350 310)
Wages.....		30 100
Expense		20 650
Convention Travel		1 250
Equipment		2 200
Total, Wages, Expense, and Equipment.....		(54 200)
Total, Health Service.....		\$404 510

McKinley Hospital Support

Account Number 00-10-31-000

Expense	\$ 40 000
<i>Total, McKinley Hospital Support</i>	\$ 40 000

Auxiliary — McKinley HospitalAccount Number 18-10-31-720
Nonacademic Salaries

<i>Total, Salaries</i>	\$181 786
Wages	(181 786)
Expense	10 000
<i>Total, Wages, Expense, and Equipment</i>	30 500
<i>Total, Auxiliary — McKinley Hospital</i>	(40 500)
	\$222 286

Provost's Office**Student Counseling Service**

Account Number 00-10-34-000

1. William M. Gilbert, Director	ZBY	\$ 14 200
2. Thomas N. Ewing, Associate Director	ZBY	12 200
3. Alice K. Jonietz, Clinical Counselor	ZAY	10 050
4. James F. Kamman, Clinical Counselor and Supervisor of Testing, with rank of Associate Professor	AY	10 000
5. Robert P. Larsen, Clinical Counselor	ZAY75	7 400
6. Louis C. Ate, Jr., Clinical Counselor	ZBY	8 400
7. William Gerler, Clinical Counselor with rank of Assistant Professor	BY	7 800
8. Boyd B. Jackson, Clinical Counselor and Supervisor of Reading and Study Programs with rank of Assistant Professor	BY	9 000
9. Robert C. Pugh, Counselor	ZD25	1 700
(Total Salary)		(6 800)
10. Pearl Schroeder, Clinical Counselor with rank of Assistant Professor	BY	7 850
11. Miriam Sperber, Clinical Counselor with rank of Assistant Professor	BY	7 450
12. Morton Wagman, Clinical Counselor	ZBY	7 800
13. ———, Clinical Counselor with rank of Assistant Professor	BY	7 500
14. Edward H. Heath, Counselor	ZD25	1 425
(Total Salary)		(5 700)
15. John C. Langdon, Clinical Counselor with rank of Instructor	DY	7 100
16. ———, Clinical Counselor with rank of Instructor	DY	7 000
17. Claude Channapragada, Assistant Supervisor of Testing	DY	4 900
18. ———, Assistant Supervisor of Reading and Study Programs	E	3 850
19. John A. Henry, Counselor	ZD25	2 500
(Total Salary)		(10 000)
20. Paul S. Pettinga, Counselor	ZD25	2 600
(Total Salary)		(10 400)
21. Frank Costin, Counselor	ZA33	2 900
(Total Salary)		(8 800)
22. Joan C. Graham, Counselor	ZD25	1 425
(Total Salary)		(5 700)
23. 5.33 Full Time Equivalent Assistants	DY	24 850
24. 6.50 Summer Counselors	G	11 100
Nonacademic Salaries		29 430
<i>Total, Salaries</i>		(210 430)
Wages		7 300

Expense	12 000
Equipment	1 200
<i>Total, Wages, Expense, and Equipment.....</i>	<u>(20 500)</u>
<i>Total, Student Counseling Service.....</i>	\$230 930

Bureau of Institutional Research

Account Number 00-10-40-000

1. Edward F. Potthoff, Director.....	ZDY75	\$ 11 855
(Total Salary)		(15 500)
2. G. J. Froehlich, Assistant Director.....	DY}	
With rank of Associate Professor.....	AY}	10 500
3. 0.50 Full Time Equivalent Assistants.....	DY	3 100
Nonacademic Salaries		23 490
<i>Total, Salaries</i>		<u>(48 945)</u>
Wages.....		1 200
Expense		4 600
Equipment		500
<i>Total, Wages, Expense, and Equipment.....</i>		<u>(6 300)</u>
<i>Total, Bureau of Institutional Research.....</i>		\$ 55 245

Statistical Service Unit

Account Number 00-10-41-000

1. John F. Chaney, Director.....	DY}	\$ 14 000
With rank of Associate Professor.....	AY}	
2. F. H. Flerchinger, Assistant Director of Systems and Programming Devices	DY	10 200
Nonacademic Salaries		114 460
<i>Total, Salaries</i>		<u>(138 660)</u>
Wages.....		3 000
Expense		84 800
<i>Total, Wages, Expense, and Equipment.....</i>		<u>(87 800)</u>
<i>Total, Statistical Service Unit.....</i>		\$226 460

INDIRECT COSTS — STATISTICAL SERVICE UNIT

Account Number 40-10-41-000

Nonacademic Salaries	\$ 33 460
<i>Total, Salaries</i>	<u>(33 460)</u>
Expense	2 700
Machine Rentals	10 000
<i>Total, Wages, Expense, and Equipment.....</i>	<u>(12 700)</u>
<i>Total, Indirect Costs — Statistical Service Unit.....</i>	\$ 46 160

Courses and Curricula

Account Number 00-10-42-000

1. Jessie Howard, Research Specialist with rank of Assist- ant Professor	ZB	\$ 8 800
<i>Total, Salaries</i>		<u>(8 800)</u>
Wages.....		100
Expense		100
<i>Total, Wages, Expense, and Equipment.....</i>		<u>(200)</u>
<i>Total, Courses and Curricula.....</i>		\$ 9 000

Central Office on the Use of Space

Account Number 00-10-44-000

1. Harlan D. Bareither, Director.....	ZBY50	\$ 6 500
(Total Salary)		(13 000)
(Includes full time in summer)		
Nonacademic Salaries		12 120
<i>Total, Salaries</i>		<u>(18 620)</u>
Wages.....		3 000
Expense		2 700
Equipment		300
<i>Total, Wages, Expense, and Equipment.....</i>		<u>(6 000)</u>
<i>Total, Central Office on the Use of Space.....</i>		\$ 24 620

Instructional Television

Account Number 00-10-45-100

1. Charles J. McIntyre, Coordinator.....	ZBY	\$ 15 000
2. _____, Assistant Manager of Television Station and Supervisor of Television-Motion Pictures.....	ZDY50	5 400 (10 800)
(Total Salary)		3 800
3. 1.00 Full Time Equivalent Assistants.....	E	10 180
Nonacademic Salaries		(34 380)
<i>Total, Salaries</i>		200
Wages.....		10 700
Expense		(15 000)
Expense, Nonrecurring		(10 900)
<i>Total, Wages, Expense, and Equipment</i>		\$ 45 280
<i>Total, Instructional Television</i>		

University Honors Programs

Account Number 00-10-48-000

1. Robert E. Johnson, Director.....	ZD67	\$ 11 400 (17 000)
(Total Salary)		3 940
2. Jum C. Nunnally, Jr., Associate Director.....	ZBY38	(10 500)
(Total Salary)		4 000
3. _____, Assistant Director.....	ZDY33	3 840
Nonacademic Salaries		(23 180)
<i>Total, Salaries</i>		1 400
Wages.....		2 000
Expense		(3 400)
<i>Total, Wages, Expense, and Equipment</i>		\$ 26 580
<i>Total, University Honors Programs</i>		

Alumni Relations and Records

Account Number 00-10-50-000

1. E. E. Vance, Executive Director.....	FY	\$(12 000)
(Effective July 1, 1960)		
(Salary paid by Alumni Association)		
2. James Vermette, Field Director.....	FY	(6 000)
(Effective July 1, 1960)		
(Salary paid by Alumni Association)		
3. Dorothy M. Carmichael, Alumnae Director.....	FY	(6 500)
(Effective July 1, 1960)		
(Salary paid by Alumni Association)		
Nonacademic Salaries		34 920
<i>Total, Salaries</i>		(34 920)
Wages.....		5 030
Expense		31 100
<i>Total, Wages, Expense, and Equipment</i>		(36 130)
<i>Total, Alumni Relations and Records</i>		\$ 71 050

University of Illinois Foundation

Account Number 00-10-52-000

1. James C. Colvin, Executive Director.....	FY	\$(15 000)
(Salary paid by Foundation)		
(Effective July 1, 1960)		
2. Charles E. Warwick, Secretary.....	FY	(7 500)
(Salary paid by Foundation)		
(Effective July 1, 1960)		
Expense		53 200
<i>Total, Wages, Expense, and Equipment</i>		(53 200)
<i>Total, University of Illinois Foundation</i>		\$ 53 200

Illini Center

Account Number 00-10-53-000

Nonacademic Salaries		\$ 9 060
<i>Total, Salaries</i>		(9 060)

Expense	2 900
Rental	7 800
<i>Total, Wages, Expense, and Equipment.....</i>	<u>(10 700)</u>
<i>Total, Illini Center.....</i>	\$ 19 760

Audit of University Accounts

Account Number 00-10-60-000	
Expense	\$ 18 700
<i>Total, Audit of University Accounts.....</i>	\$ 18 700

Building Program Committee

Account Number 00-10-62-000	
Nonacademic Salaries	\$ 2 730
<i>Total, Salaries</i>	<u>(2 730)</u>
Wages.....	100
Expense	325
<i>Total, Wages, Expense, and Equipment.....</i>	<u>(425)</u>
<i>Total, Building Program Committee.....</i>	\$ 3 155

Citizens Committee

Account Number 00-10-64-000	
1. George H. Bargh, Director..... ZDY	.....
Expense	\$ 5 500
<i>Total, Citizens Committee.....</i>	\$ 5 500

Commencement

Account Number 00-10-66-000	
Expense	\$ 23 000
<i>Total, Commencement</i>	\$ 23 000

Committee on Student English

Account Number 00-10-68-000	
1. Jessie Howard, Executive Secretary..... ZB	.....
Nonacademic Salaries	\$ 5 580
<i>Total, Salaries</i>	<u>(5 580)</u>
Expense	1 000
Equipment.....	100
<i>Total, Wages, Expense, and Equipment.....</i>	<u>(1 100)</u>
<i>Total, Committee on Student English.....</i>	\$ 6 680

General Publications

Account Number 00-10-70-000	
Expense	\$ 62 000
<i>Total, General Publications.....</i>	\$ 62 000

General University Lectures

Account Number 00-10-72-000	
General University Lectures.....	\$ 9 000
<i>Total, General University Lectures.....</i>	\$ 9 000

Honors Day

Account Number 00-10-76-000	
Wages.....	\$ 750
Expense	1 700
Equipment	400
<i>Total, Honors Day.....</i>	<u>\$ 2 850</u>

Incidental and Emergency

Account Number 00-10-80-000	
Expense	\$ 7 000
<i>Total, Incidental and Emergency.....</i>	\$ 7 000

Memberships in Organizations

Account Number 00-10-81-000	
American Council on Education.....	\$ 300
Associated Midwest Universities.....	1 000
Association of American Universities.....	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
Campus Businessmen's Association.....	10
Champaign Chamber of Commerce.....	30
Urbana Association of Commerce.....	30
Business Officers Association of Governmental Relations...	2 500
<i>Total, Memberships in Organizations.....</i>	<i>\$ 8 055</i>

Public Functions

Account Number 00-10-82-000	
Wages.....	\$ 1 100
Expense.....	35 900
<i>Total, Public Functions.....</i>	<i>\$ 37 000</i>

University Retirement System

Account Number 00-10-90-000	
Expense for employer contributions (special state appropriation)	\$2 119 350
<i>Total University Retirement System.....</i>	<i>\$2 119 350</i>

Retiring Allowances

Account Number 00-10-92-000	
Salaries paid as retiring allowances to persons retired prior to September, 1942.....	\$ 22 217
<i>Total, Retiring Allowances.....</i>	<i>\$ 22 217</i>

Safety and Accident Compensation

Account Number 00-10-94-000	
Nonacademic Salaries	\$ 21 130
Expense	42 000
<i>Total, Safety and Accident Compensation.....</i>	<i>\$ 63 130</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**

	Salaries	Wages, Expense, and Equipment	Total
<i>Instruction</i>			
Administration.....	\$ 83 475	\$ 8 750	\$ 92 225
Contingent.....		20 000	20 000
Convention Travel.....		11 800	11 800
Farm and Home Week.....		6 400	6 400
Agricultural Economics.....	111 785	2 370	114 155
Agricultural Engineering.....	73 835	9 290	83 125
Agronomy.....	121 110	9 700	130 810

General (Continued)

	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Animal Science.....	181 230	41 750	222 980
Dairy Science.....	133 195	60 810	194 005
Food Technology.....	59 250	11 220	70 470
Forestry.....	66 410	8 025	74 435
Home Economics.....	276 240	41 340	317 580
Horticulture.....	80 665	8 580	89 245
Plant Pathology.....	38 950	1 150	40 100
Vocational Agriculture.....	52 485	5 630	58 115
<i>Total, Instruction.....</i>	<i>(1 278 630)</i>	<i>(246 815)</i>	<i>(1 525 445)</i>
<i>Organized Research</i>			
Administration.....	102 785	26 040	128 825
Agricultural Economics.....	177 985	14 160	192 145
Agricultural Engineering.....	121 705	11 920	133 625
Entomology.....	2 440	200	2 640
Agronomy.....	434 290	96 115	530 405
Animal Science.....	314 190	70 200	384 390
Dairy Science.....	239 305	71 750	311 055
Dixon Springs.....	166 735	87 640	254 375
Food Technology.....	142 060	22 080	164 140
Forestry.....	45 750	10 165	55 915
Home Economics.....	40 445	3 200	43 645
Horticulture.....	323 030	39 550	362 580
Plant Pathology.....	80 960	9 450	90 410
Veterinary Research.....	78 860	27 165	106 025
<i>Total, Organized Research.....</i>	<i>(2 270 540)</i>	<i>(489 635)</i>	<i>(2 760 175)</i>
<i>Extension and Public Services</i>			
Administration.....	212 570	38 540	251 110
Extension Editors.....	10 080	.....	10 080
Agricultural Economics.....	62 960	.....	62 960
Agricultural Engineering.....	31 135	.....	31 135
Entomology.....	13 060	.....	13 060
Agronomy.....	55 615	.....	55 615
Animal Science.....	34 330	.....	34 330
County Farm Extension.....	840 730	.....	840 730
Four-H Club Work.....	5 000	.....	5 000
County Home Extension.....	565 715	.....	565 715
Dairy Science.....	28 665	.....	28 665
Dixon Springs.....	13 795	.....	13 795
Forestry.....	25 475	.....	25 475
Home Economics.....	51 105	.....	51 105
Horticulture.....	25 735	.....	25 735
Plant Pathology.....	5 525	.....	5 525
Veterinary Extension.....	2 100	.....	2 100
<i>Total, Extension and Public Services.....</i>	<i>(1 983 595)</i>	<i>(38 540)</i>	<i>(2 022 135)</i>
<i>Total, General.....</i>	<i>\$5 532 765</i>	<i>\$774 990</i>	<i>\$6 307 755</i>

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.....	\$ 3 300	1 700	5 000
<i>Total, Instruction.....</i>	<i>(3 300)</i>	<i>(2 000)</i>	<i>(5 300)</i>
<i>Organized Activities Relating to Instruction</i>			
Home Economics Cafeteria Revolving.....	11 187	29 313	40 500
Vocational Agriculture Revolving.....	6 930	25 000	31 930
<i>Total, Organized Activities Relating to Instruction.....</i>	<i>(18 117)</i>	<i>(54 313)</i>	<i>(72 430)</i>
	<i>(18 117)</i>	<i>(54 313)</i>	<i>(72 430)</i>

	Salaries	Wages, Ex- pense, and Equipment	Total
<i>Organized Research</i>			
Federal Research — Hatch Fund.....	429 271	260 899	690 170
Federal Research — Regional Research Fund	91 314	66 861	158 175
Federal Research — Agricultural Marketing Act Title II.....	4 940	1 210	6 150
Agricultural Departmental Revolving.....	14 300	63 000	77 300
Joliet Field Revolving.....	.....	7 400	7 400
Agricultural Publications Revolving.....	.....	5 000	5 000
Agricultural Sales Revolving.....	5 490	77 200	82 690
Farm Accounting Revolving.....	10 380	12 320	22 700
Agricultural Engineering Income Revolving..	.....	3 000	3 000
Corn Testing Revolving.....	5 400	10 000	15 400
Central Illinois Seed Increase Revolving....	.....	1 500	1 500
Northern Illinois Experiment Field Revolving	.....	1 250	1 250
Animal Science Income Revolving.....	.....	125 000	125 000
Dairy Official Testing Revolving.....	20 700	9 950	30 650
Horticulture Horseradish Research.....	.....	5 000	5 000
Estimated Indirect Costs.....	4 000	2 000	6 000
Estimated Private Gifts.....	150 000	80 000	230 000
Estimated U.S. Contracts.....	190 000	60 000	250 000
<i>Total, Organized Research.....</i>	<i>(925 795)</i>	<i>(791 590)</i>	<i>(1 717 385)</i>
<i>Extension and Public Services</i>			
Federal Extension — Research and Market- ing Fund.....	21 005	7 895	28 900
Federal Extension — Smith-Lever Fund.....	838 230	743 753	1 581 983
Soil Testing Revolving.....	.....	3 500	3 500
Estimated Endowment Income.....	36 020	20 980	57 000
Estimated Private Gifts.....	500 000	650 000	1 150 000
Estimated U.S. Contracts.....	4 600	.....	4 600
<i>Total, Extension and Public Services... (1 399 855)</i>	<i>(1 426 128)</i>	<i>(2 825 983)</i>	
<i>Auxiliary Enterprises</i>			
Grein Farm Operation.....	.....	5 000	5 000
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>	<i>(4 860)</i>	<i>(50 500)</i>	<i>(55 360)</i>
<i>Total, Restricted.....</i>	<i>\$2 351 927</i>	<i>\$2 324 531</i>	<i>\$4 676 458</i>

Estimated Income from Sales for the General Budget

	1959-60	1960-61
Agronomy.....	\$ 14 000	\$ 12 000
Dairy Science.....	54 000	54 000
Dixon Springs.....	45 000	45 000
Food Technology.....	1 500	1 500
Horticulture.....	8 000	8 000
Veterinary Research.....	2 000	2 000
<i>Total.....</i>	<i>\$124 500</i>	<i>\$122 500</i>

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 income of \$122,500 is not realized, appropriations to departments 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:	Fund Number
H — Hatch	21
R — Regional Research	23
T — Agricultural Marketing Title II	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 the College, Director of Station and Extension Service.....	{C-ZBY34 \$ 7 340 S-ZBY33 7 330 L-ZBY33 (7 330)	(22 000)
(Total Salary).....		
2. J. C. Blair, Dean, Director, and Professor, <i>Emeritus</i>	C-RA	
3. Robert R. Hudelson, Dean, Director, and Professor of Agricultural Economics, <i>Emeritus</i>	C-R	
4. W. E. Carroll, Associate Director and Professor, <i>Emeritus</i>	S-R	
5. Karl E. Gardner, Associate Dean of College.....	C-ZBY	15 000
6. Tom S. Hamilton, Associate Director of Station.....	S-ZBY	18 500
7. W. G. Kammlade, Associate Director and Professor, <i>Emeritus</i>	E-ZR	
8. J. C. Spittler, Associate Director and Professor, <i>Emeritus</i> ..	E-R	
9. _____, Associate Director of Extension Service and Professor of Agricultural Extension.....	{E-BY 50 8 100 L-BY 50 (8 100)	(16 200)
(Total Salary).....		
10. Martha L. Dunlap, Assistant Director of Extension Service.....	{E-ZBY 50 5 750 L-ZBY 50 (5 750)	(11 500)
(Total Salary).....		
11. R. W. Jugenheimer, Assistant Dean of College and Assistant Director of Station.....	{C-ZBY 20 2 700 S-ZBY 55 7 425	(13 500)
(Total Salary).....		
12. W. D. Murphy, Assistant Director of Extension Service..	{E-ZBY 50 5 750 L-ZBY 50 (5 750)	(11 500)
(Total Salary).....		
13. Cecil Dale Smith, Assistant Dean of College with rank of Professor.....	{C-BY } 11 600 AY	
	{C-ZBY 20 2 260 E-ZBY 50 5 650 L-ZBY 30 (3 390)	(11 300)
(Total Salary).....		
15. Hadley Read, Extension Editor and Professor of Agricultural Extension.....	{S-AY 10 1 150 E-AY 67 8 050 L-AY 23 (2 300)	(11 500)
(Total Salary).....		
16. Warren K. Wessels, Assistant to Dean of College with rank of Assistant Professor.....	{C-DY 25 2 050 S-DY 75 6 150	(8 200)
(Total Salary).....		
17. Anna C. Glover, Editor with rank of Associate Professor, <i>Emerita</i>	S-R	
18. A. W. Janes, Editor with rank of Associate Professor....	{S-AY 75 8 400 H-AY 25 (2 100)	(10 500)
(Total Salary).....		
19. John H. Behrens, Assistant Extension Editor with rank of Assistant Professor.....	{E-BY 50 4 625 L-BY 50 (4 375)	(9 000)
(Total Salary).....		
20. Owen F. Glissendorf, Assistant Professor of Agricultural Communications.....	{C-ZBY 50 4 500 E-ZBY 50 4 500	(9 000)
(Total Salary).....		
21. Harold D. Guither, Assistant Extension Editor and Assistant Professor of Agricultural Extension.....	{E-BY 70 6 405 L-BY 30 (2 745)	(9 150)
(Total Salary).....		

22. Jessie E. Heathman, Assistant Extension Editor and Assistant Professor of Home Economics Extension.....	{E-BY70 L-BY30	6 230 (2 670)
(Total Salary).....		(8 900)
23. Robert A. Jarnagin, Assistant Extension Editor and Assistant Professor of Agricultural Extension.....	{E-BY50 L-BY50	4 300 (4 300)
(Total Salary).....		(8 600)
24. Margery E. Suhre, Assistant Editor with rank of Assistant Professor.....	E-BY	8 000
25. ———, Head of Agricultural Communications.....	{C-BY15 E-BY35	1 935 4 515
(Total Salary).....		(6 450)
26. Jack C. Everly, Assistant Extension Editor and Instructor in Agricultural Extension.....	{E-DY65 L-DY35	5 455 (2 945)
(Total Salary).....		(8 400)
27. Jon F. Greeneisen, Assistant Extension Editor with rank of Instructor.....	{E-DY60 L-DY40	4 260 (2 840)
(Total Salary).....		(7 100)
28. Charles J. Isoline, Assistant Editor with rank of Instructor.....	{E-DY60 L-DY40	4 620 (3 080)
(Total Salary).....		(7 700)
29. Louise G. Jones, Assistant Editor with rank of Instructor.....	{S-DY80 H-DY20	4 800 (1 200)
(Total Salary).....		(6 000)
30. Margaret McGlothlin, Assistant Editor with rank of Instructor.....	H-DY50	(3 400)
31. Gene Morokoff, Assistant Editor with rank of Instructor.....	{S-DY45 E-DY30 L-DY25	2 520 1 680 (1 400)
(Total Salary).....		(5 600)
32. Richard G. Moores, Assistant Editor with rank of Instructor.....	S-DY	6 700
33. Janice E. Woodard, Assistant Extension Editor with rank of Instructor.....	E-DY	6 000
34. 0.50 Full Time Equivalent Assistants.....	C-DY	2 400
Nonacademic Salaries.....	C	33 690
Nonacademic Salaries.....	E	128 760
Nonacademic Salaries.....	S	39 810
<i>Total, Salaries</i>		(408 910)
Wages.....	C	1 450
Wages, Farm and Home Week.....	C	1 600
Wages.....	S	885
Wages.....	E	8 540
Expense.....	C	4 700
Expense, Farm and Home Week.....	C	6 400
Expense.....	S	23 155
Expense.....	E	26 000
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>		(111 530)
<i>Total, Administration — College</i>		\$520 440

Agricultural Departmental Revolving

Account Number 12-15-01-316

1. Fay M. Sims, Assistant Professor of Agricultural Economics.....	S-ZBY44	\$ 3 500
(Total Salary).....		(8 000)
Nonacademic Salaries.....	S	10 800
<i>Total, Salaries</i>	S	(14 300)
Wages.....	S	6 000

Expense.....	S	56 000
Equipment.....	S	1 000
<i>Total, Wages, Expense, and Equipment.....</i>	S	(63 000)
<i>Total, Agricultural Departmental Revolving.....</i>		<u>\$77 300</u>

Joliet Field Revolving

Account Number 12-15-01-342

Expense.....	S	\$ 7 400
<i>Total, Joliet Field Revolving.....</i>		<u>\$ 7 400</u>

Agricultural Publications Revolving

Account Number 12-15-01-366

Expense.....	S	\$ 5 000
<i>Total, Agricultural Publications Revolving.....</i>		<u>\$ 5 000</u>

Agricultural Sales Revolving

Account Number 12-15-01-378

Nonacademic Salaries.....	S	\$ 5 490
<i>Total, Salaries.....</i>	S	(5 490)
Wages.....	S	2 700
Expense.....	S	74 000
Equipment.....	S	500
<i>Total, Wages, Expense, and Equipment.....</i>	S	(77 200)
<i>Total, Agricultural Sales Revolving.....</i>		<u>\$82 690</u>

Auxiliary — Grein Farm Operation

Account Number 18-15-01-732

Expense.....		\$ 5 000
<i>Total, Auxiliary — Grein Farm Operation.....</i>		<u>\$ 5 000</u>

Robert Allerton Park

Account Number 44-15-01-401

1. Fay H. Root, Assistant Professor of Camp and Park Management.....	E-ZBY50	\$ 4 400
(Total Salary).....		(8 800)
Nonacademic Salaries.....	E	31 620
<i>Total, Salaries.....</i>	E	(36 020)
Wages.....	E	3 110
Expense.....		13 070
Equipment.....	E	4 800
<i>Total, Wages, Expense, and Equipment.....</i>	E	(20 980)
<i>Total, Robert Allerton Park.....</i>		<u>\$57 000</u>

Cooperative Investigations**VARIOUS DONORS — RESEARCH — RURAL ELECTRIFICATION**

Account Number 44-15-01-387

1. Floyd L. Herum, Assistant Professor of Agricultural Engineering.....	S-ZDY40	\$ 3 200
(Total Salary).....		(8 000)

VARIOUS DONORS — EXTENSION — RURAL ELECTRIFICATION

Account Number 44-15-01-486

1. Floyd L. Herum, Assistant Professor of Agricultural Engineering.....	E-ZDY60	\$ 4 800
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VARIOUS DONORS — URBAN 4-H CLUB WORK

Account Number 44-15-01-488

1. Lawrence J. Biever, Associate Professor of Agricultural 4-H Club Work.....	E-ZAY50	\$ 5 100
(Total Salary).....		(10 200)

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	\$ 7 665 7 665 2 920
(Total Salary).....		(18 250)
2. J. B. Andrews, Professor, <i>Emeritus</i>	C-R	.....
3. Chester B. Baker, Professor of Farm Management.....	{C-AY50 S-AY50	6 150 6 150
(Total Salary).....		(12 300)
4. R. W. Bartlett, Professor.....	{C-AY20 S-AY60 E-AY20	2 480 7 440 2 480
(Total Salary).....		(12 400)
5. George K. Brinegar, Professor.....	{C-AY35 S-AY65	4 900 9 100
(Total Salary).....		(14 000)
6. Emer E. Broadbent, Professor of Agricultural Marketing	{C-AY40 H-AY60	4 600 (6 900)
(Total Salary).....		(11 500)
7. H. C. M. Case, Professor, <i>Emeritus</i>	C-R	.....
8. J. B. Cunningham, Professor of Farm Management.....	{E-ZAY25 L-ZAY25	2 925 (2 925)
(Total Salary).....		(11 700)
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	5 600 5 600
(Total Salary).....		(11 200)
11. H. W. Hannah, Professor of Agricultural Law.....	{C-A50 S-A50	6 550 6 550
(Total Salary).....		(13 100)
12. Thomas A. Hieronymus, Professor of Agricultural Mar- keting.....	{C-AY40 S-AY40 E-AY20 H-AY	4 800 4 800 2 400
(Total Salary).....		(12 000)
13. G. L. Jordan, Professor, <i>Emeritus</i>	C-R	.....
	{C-AY10 S-AY60	1 400 8 400
14. George G. Judge, Professor.....	{H-AY30 T-AY	(4 200)
(Total Salary).....		(14 000)
15. Norman G. P. Krausz, Professor of Agricultural Law..	{C-AY50 S-AY50	6 150 6 150
(Total Salary).....		(12 300)
16. D. E. Lindstrom, Professor of Rural Sociology.....	{C-ZAY50 S-ZAY50	5 800 5 800
(Total Salary).....		(11 600)
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-AY25 S-AY75	3 000 9 000
(Total Salary).....		(12 000)
20. Robert C. Ross, Professor, <i>Emeritus</i>	R	.....
21. L. H. Simerl, Professor.....	{E-AY50 L-AY50	6 150 (6 150)
(Total Salary).....		(12 300)
22. Charles L. Stewart, Professor, <i>Emeritus</i>	C-R	.....
	{E-AY65 K-AY25	7 995 (3 075)
23. Leslie F. Stice, Professor of Agricultural Marketing....	{L-AY10	(1 230)
(Total Salary).....		(12 300)

24. Earl R. Swanson, Professor	{C-AY ⁵⁰ S-AY ⁵⁰	6 150 6 150
(Total Salary)		(12 300)
25. William N. Thompson, Professor of Farm Management	{C-AY ³⁵ S-AY ⁶⁵	4 200 7 800
(Total Salary)		(12 000)
26. Vincent I. West, Professor	{C-AY ³⁰ S-AY ³⁰ H-AY ⁴⁰	3 600 3 600 (4 800)
(Total Salary)		(12 000)
27. R. H. Wilcox, Professor, <i>Emeritus</i>	S-R	.....
28. J. E. Wills, Professor of Farm Management	{C-AY ⁴⁰ S-AY ⁶⁰	5 200 7 800
(Total Salary)		(13 000)
29. W. D. Buddemeier, Professor of Farm Management	ZAY	.....
30. Alvin T. Anderson, Associate Professor	{E-AY ⁶⁵ L-AY ³⁵	6 760 (3 640)
(Total Salary)		(10 400)
31. George M. England, Associate Professor	{E-AY ⁴⁵ K-AY ⁵⁵	4 365 (5 335)
(Total Salary)		(9 700)
32. John H. Herbst, Associate Professor	C-ZAY ⁵⁰	4 700
(Total Salary)		(9 400)
33. R. A. Kelly, Associate Professor of Fruit and Vegetable Marketing	{C-AY ⁶⁰ H-AY ⁴⁰	6 000 (4 000)
(Total Salary)		(10 000)
34. Allan G. Mueller, Associate Professor of Farm Management	{S-AY ³³ H-AY ⁶⁷	3 250 (6 550)
(Total Salary)		(9 800)
35. E. H. Regnier, Associate Professor	C-ZAY ²⁵	2 750
(Total Salary)		(11 000)
(On leave with pay six months from July 1, 1960)		
36. Franklin J. Reiss, Associate Professor of Farm Management	{C-AY ¹⁵ S-AY ¹⁵ E-AY ⁷⁰	1 560 1 560 7 280
(Total Salary)		(10 400)
37. Robert B. Schwart, Associate Professor of Farm Management	{S-AY ⁵⁰ L-AY ⁵⁰	4 850 (4 850)
(Total Salary)		(9 700)
38. George B. Whitman, Associate Professor of Farm Management	{E-AY ⁵⁰ L-AY ⁵⁰	5 200 (5 200)
(Total Salary)		(10 400)
39. Delmar F. Wilken, Associate Professor of Farm Management	{E-AY ⁴⁰ H-AY ²⁵ AY ³⁵	3 880 (2 425) (3 395)
(Total Salary)		(9 700)
40. Sheldon W. Williams, Associate Professor of Agricultural Marketing	R-AY ²⁵	(2 750)
(Also paid \$7,350 by U.S. Department of Agriculture)		
41. Malcolm B. Kirtley, Assistant Professor of Agricultural Marketing	{E-BY ⁵⁵ K-BY ⁴⁵	5 060 (4 140)
(Total Salary)		(9 200)
42. James R. Roush, Assistant Professor of Agricultural Marketing	{E-BY ³⁵ H-BY ⁴⁵ K-BY ²⁰	3 045 (3 920) (1 735)
(Total Salary)		(8 700)
43. Stephen C. Schmidt, Assistant Professor	{C-BY ⁴⁰ S-BY ⁶⁰	3 250 5 250
(Total Salary)		(8 500)
44. Fay M. Sims, Assistant Professor	S-ZBY ⁵⁶	4 500
(Total Salary)		(8 000)
45. P. P. Somers, Assistant Professor of Dairy Science	K-ZBY ⁵⁰	(4 500)
(Total Salary)		(9 000)

46. ———, Assistant Professor.....	{C-BY50	4 000
(Total Salary).....	{S-BY50	4 000
		(8 000)
47. ———, Assistant Professor.....	{S-BY20	1 600
(Total Salary).....	{H-BY50	(4 000)
	{R-BY30	(2 400)
		(8 000)
48. Royce A. Hinton, Research Associate in Farm Manage- ment.....	R-DY	(7 700)
49. Donald J. Hunter, Research Associate.....	{S-DY60	4 320
(Total Salary).....	{H-DY40	(2 880)
		(7 200)
50. Ralph L. Forrest, Assistant.....	{S-DY50	2 600
(Total Salary).....	{H-DY50	(2 600)
		(5 200)
51. David M. Schoonover, Assistant.....	{H-DY50	(2 440)
(Total Salary).....	{T-DY50	(2 440)
		(4 880)
52. 0.25 Full Time Equivalent Assistants.....	C-E	1 000
53. 0.75 Full Time Equivalent Assistants.....	S-DY	3 800
54. 0.50 Full Time Equivalent Assistants.....	E-DY	2 500
Nonacademic Salaries.....	C	3 780
Nonacademic Salaries.....	S	33 750
<i>Total, Salaries</i>		(352 730)
Wages.....	S	1 660
Expense.....	C	2 370
Expense.....	S	11 500
Equipment.....	S	1 000
<i>Total, Wages, Expense, and Equipment</i>		(16 530)
<i>Total, Agricultural Economics</i>		\$369 260

Farm Management Service

Account Number 09-15-05-926

1. J. B. Cunningham, Professor of Farm Management.....	ZAY50	\$ 5 850
2. Donald G. Smith, Research Associate.....	DY	10 800
<i>Total, Farm Management Service</i>		\$16 650

Farm Accounting Revolving

Account Number 12-15-05-326

Nonacademic Salaries.....	S	\$10 380
<i>Total, Salaries</i>	S	(10 380)
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>		\$22 700

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	7 100
	{S-AY40	7 100
	{E-AY20	3 550
(Total Salary).....		(17 750)

2. Harold H. Beaty, Professor.....	{C-AY20 C-AY20 E-AY25 L-AY35	2 500 2 500 3 125 (4 375)
(Total Salary).....		(12 500)
3. Deane G. Carter, Professor, <i>Emeritus</i>	C-R	.....
4. Edwin L. Hansen, Professor.....	{C-AY40 S-AY60	5 200 7 800
(Total Salary).....		(13 000)
5. Ralph C. Hay, Professor.....	C-ZAY	.....
6. Keith H. Hinchcliff, Professor.....	{E-AY40 R-AY20 L-AY40	4 680 (2 340) (4 680)
(Total Salary).....		(11 700)
(On leave with pay six months from September 1, 1960)		
7. E. W. Lehmann, Professor, <i>Emeritus</i>	C-R	.....
8. R. I. Shawl, Professor, <i>Emeritus</i>	C-R	.....
9. Roger R. Yoerger, Professor.....	{C-AY40 S-AY60	4 560 6 840
(Total Salary).....		(11 400)
10. Arthur L. Young, Professor, <i>Emeritus</i>	C-R	.....
11. F. W. Andrew, Associate Professor.....	{E-AY70 L-AY30	7 000 (3 000)
(Total Salary).....		(10 000)
12. Donnell R. Hunt, Associate Professor.....	{C-AY50 S-AY30 H-AY20	5 250 3 150 (2 100)
(Total Salary).....		(10 500)
13. D. G. Jedele, Associate Professor.....	{E-AY55 L-AY45	5 500 (4 500)
(Total Salary).....		(10 000)
14. Benjamin A. Jones, Jr., Associate Professor.....	{C-AY40 S-AY60	4 000 6 000
(Total Salary).....		(10 000)
15. Dwight F. Kampe, Associate Professor.....	{C-AY40 S-AY60	3 800 5 700
(Total Salary).....		(9 500)
16. John W. Matthews, Associate Professor.....	C-ZAY50	5 125
(Total Salary).....		(10 250)
(Transferred to Trust)		
17. Gene C. Shove, Associate Professor.....	{C-AY30 S-AY50 H-AY20	3 000 5 000 (2 000)
(Total Salary).....		(10 000)
18. Howard L. Wakeland, Associate Professor.....	C-ZAY	.....
19. J. Arthur Weber, Associate Professor.....	{C-AY20 S-AY25 H-AY55	2 160 2 700 (5 940)
(Total Salary).....		(10 800)
20. H. P. Bateman, Assistant Professor.....	{C-BY10 S-BY30 H-BY60	820 2 460 (4 920)
(Total Salary).....		(8 200)
21. Larry Boersma, Assistant Professor.....	{C-BY30 S-BY70	2 340 5 460
(Total Salary).....		(7 800)
22. Wendell Bowers, Assistant Professor.....	{E-BY80 L-BY20	7 280 (1 820)
(Total Salary).....		(9 100)
23. James O. Curtis, Assistant Professor.....	{C-BY50 S-BY50	4 500 4 500
(Total Salary).....		(9 000)
24. Arthur Muehling, Assistant Professor.....	{S-BY30 R-BY70	2 340 (5 460)
(Total Salary).....		(7 800)

25. Robert M. Peart, Assistant Professor.....	{C-BY67	6 000
(Total Salary).....	{H-BY33	(3 000)
26. _____, Assistant Professor.....	BY	8 000
27. Errol D. Rodda, Research Associate.....	C-DY25	1 700
28. Donald R. Daum, Instructor.....	H-DY	(7 200)
29. Roland F. Espenschied, Instructor.....	C-ZDY50	(4 150)
(Total Salary).....		(8 300)
30. John A. Replogle, Instructor.....	{S-DY60	4 320
(Total Salary).....	{H-DY40	(2 880)
31. John C. Siemens, Instructor.....	H-ZDY37	(2 650)
(Total Salary).....		(5 300)
32. 1.00 Full Time Equivalent Assistants.....	C-DY	5 100
33. 1.83 Full Time Equivalent Assistants.....	S-DY	9 645
Nonacademic Salaries.....	C	10 680
Nonacademic Salaries.....	S	38 190
<i>Total, Salaries</i>		(226 675)
Wages.....	C	4 160
Wages.....	S	3 470
Expense.....	C	3 830
Expense.....	S	7 150
Equipment.....	C	1 300
Equipment.....	S	1 300
<i>Total, Wages, Expense, and Equipment</i>		(21 210)
<i>Total, Agricultural Engineering</i>		\$247 885

Agricultural Engineering Income Revolving

Account Number 12-15-10-320

Wages.....	S	\$ 1 000
Expense.....	S	2 000
<i>Total, Agricultural Engineering Income Revolving</i>		\$ 3 000

Cooperative Investigations

ILLINOIS FARM SUPPLY — TRACTOR MAINTENANCE

Account Number 44-15-10-342

1. John C. Siemens, Instructor.....	S-ZDY38	\$ 2 650
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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	\$ 6 800
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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	\$ 8 800
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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-ZAY17	\$ 2 440
(Also State Natural History Survey)		
2. H. B. Petty, Jr., Professor.....	{E-AY50	5 750
(Total Salary).....	{L-AY50	(5 750)
		(11 500)
3. Stevenson Moore III, Associate Professor.....	{E-AY75	7 310
(Total Salary).....	{L-AY25	(2 440)
		(9 750)
4. Clarence E. White, Instructor in Agricultural Entomology Extension.....	L-ZDY25	(1 500)
(Total Salary).....		(5 950)
<i>Total, Salaries</i>		(15 500)
Expense.....	S	200
<i>Total, Wages, Expense, and Equipment</i>		(200)
<i>Total, Agricultural Entomology</i>		\$15 700

Cooperative Investigations

U.S.D.A. A 6 EQ 52 — PLANT PEST CONTROL

Account Number 46-15-12-415

1. Clarence E. White, Instructor in Agricultural Entomology Extension..... E-ZDY75 \$ 4 450

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 \$ 8 000
S-AY40 8 000
E-AY20 4 000
(Total Salary)..... (20 000)
2. Samuel R. Aldrich, Professor of Soil Fertility Extension... {E-AY50 6 500
L-AY50 (6 500)
(Total Salary)..... (13 000)
3. F. C. Bauer, Professor, *Emeritus*..... C-R 2 500
4. O. T. Bonnett, Professor of Plant Morphology..... {C-AY20 10 000
S-AY80 (12 500)
(Total Salary)..... (12 500)
5. Roger H. Bray, Professor of Soil Fertility..... {C-AY20 2 460
S-AY80 9 840
(Total Salary)..... (12 300)
(On leave with pay six months from March 1, 1961)
6. E. E. DeTurk, Professor, *Emeritus*..... C-R 2 300
7. George H. Dungan, Professor, *Emeritus*..... C-R 2 300
8. E. B. Earley, Professor of Plant Physiology..... {C-AY20 2 300
S-AY80 9 200
(Total Salary)..... (11 500)
9. James W. Gerdemann, Professor of Plant Pathology.... ZAY 2 200
10. J. E. Giesecking, Professor of Soil Chemistry..... {C-AY20 8 800
S-AY80 (11 000)
(Total Salary)..... (11 000)
11. J. C. Hackleman, Professor, *Emeritus*..... L-R 2 200
12. John B. Hanson, Professor of Plant Physiology..... {C-ZAY20 8 800
S-ZAY80 (11 000)
(Total Salary)..... (11 000)
13. C. F. Hottes, Consulting Plant Physiologist, *Emeritus*... S-ZRA 2 340
14. Joseph A. Jackobs, Professor of Crop Production..... {C-AY20 9 360
S-AY80 (11 700)
(Total Salary)..... (11 700)
15. Walter C. Jacob, Professor of Biometry and Data Processing..... {C-AY50 6 750
S-AY50 6 750
(Total Salary)..... (13 500)
16. R. W. Jugenheimer, Professor of Plant Genetics..... C-ZAY 2 400
17. Benjamin Koehler, Professor, *Emeritus*..... C-ZR 9 600
18. L. T. Kurtz, Professor of Soil Fertility..... {C-AY20 2 400
S-AY80 9 600
(Total Salary)..... (12 000)
19. A. L. Lang, Professor of Soil Fertility..... {C-AY10 1 200
S-AY65 7 800
E-AY25 3 000
(Total Salary)..... (12 000)
20. John R. Laughnan, Professor of Plant Genetics..... ZA 2 400
21. Earl R. Leng, Professor of Plant Breeding and Genetics {C-AY20 9 600
S-AY80 (12 000)
(Total Salary)..... (12 000)
(On leave without pay September 1, 1960, to March 1, 1961, and with pay six months from March 1, 1961)
22. C. M. Linsley, Professor of Soil Extension, *Emeritus*.... L-R 2 400
23. Sigurd W. Melsted, Professor of Soil Chemistry..... {C-AY20 9 600
S-AY80 (12 000)
(Total Salary)..... (12 000)

24. Russell T. Odell, Professor of Soil Pedology.....	{C-AY20 S-AY80	2 900 11 600
(Total Salary).....		(14 500)
25. Walter O. Scott, Professor of Crop Extension.....	{E-AY50 L-AY50	5 500 (5 500)
(Total Salary).....		(11 000)
26. O. H. Sears, Professor, <i>Emeritus</i>	R	.....
27. R. S. Smith, Professor, <i>Emeritus</i>	C-R	.....
28. Edward H. Tyner, Professor of Soil Fertility.....	{C-AY25 S-AY50 E-AY25	3 000 6 000 3 000
(Total Salary).....		(12 000)
29. D. C. Wimer, Professor of Soil Science.....	C-A	10 500
30. Denton E. Alexander, Associate Professor of Plant Ge- netics.....	{C-AY50 S-AY50	5 350 5 350
(Total Salary).....		(10 700)
31. Alvin H. Beavers, Associate Professor of Soil Mineralogy	{C-AY20 S-AY80	2 000 8 000
(Total Salary).....		(10 000)
32. Charles M. Brown, Associate Professor of Plant Breeding	S-AY	9 500
33. Ambrose W. Burger, Associate Professor.....	{C-AY80 S-AY20	8 800 2 200
(Total Salary).....		(11 000)
34. J. B. Fehrenbacher, Associate Professor of Pedology....	S-AY	9 200
35. Henry H. Hadley, Associate Professor of Plant Genetics...	{C-AY20 S-AY80	2 080 8 320
(Total Salary).....		(10 400)
36. Richard H. Hageman, Associate Professor of Plant Physi- ology.....	{C-AY20 S-AY80	2 140 8 560
(Total Salary).....		(10 700)
(On leave with one-half pay 1960-61)		
37. Carl N. Hittle, Associate Professor of Plant Breeding...	{C-AY20 S-AY80	2 180 8 720
(Total Salary).....		(10 900)
38. Arthur L. Hooker, Associate Professor.....	C-ZAY	.....
39. Arnold Klute, Associate Professor of Soil Physics.....	{C-AY20 S-AY80	2 140 8 560
(Total Salary).....		(10 700)
40. J. W. Pendleton, Associate Professor.....	{S-AY50 E-AY50	4 750 4 750
(Total Salary).....		(9 500)
41. Doyle B. Peters, Associate Professor of Soil Physics.....	H-AY30	(3 500)
42. Fred W. Slife, Associate Professor of Crop Production...	{C-AY20 S-AY80	2 160 8 640
(Total Salary).....		(10 800)
43. R. S. Stauffer, Associate Professor, <i>Emeritus</i>	S-R	.....
44. Frank J. Stevenson, Associate Professor of Soil Chemistry	{C-AY20 S-AY80	2 140 8 560
(Total Salary).....		(10 700)
45. Ernest D. Walker, Associate Professor, <i>Emeritus</i>	E-R	.....
46. Herman L. Wascher, Associate Professor of Pedology....	S-AY	9 300
47. Roland O. Weibel, Associate Professor of Plant Breeding	{C-AY20 S-AY80	1 860 7 440
(Total Salary).....		(9 300)
48. John D. Alexander, Assistant Professor of Pedology....	S-BY	7 400
49. Jack V. Baird, Assistant Professor of Soil Extension....	{E-BY80 L-BY20	6 560 (1 640)
(Total Salary).....		(8 200)
50. C. H. Farnham, Assistant Professor of Crop Production and Soil Fertility.....	S-BY	8 500
51. Ellery L. Knake, Assistant Professor of Crop Extension..	{S-BY25 E-BY25 L-BY50	2 175 2 175 (4 350)
(Total Salary).....		(8 700)

52. Robert W. Howell, Assistant Professor.....	C-BY	.....
53. P. E. Johnson, Assistant Professor of Soil Fertility.....	{S-BY ₅₀	4 250
(Total Salary).....	{E-BY ₅₀	4 250
54. James C. Lavery, Assistant Professor of Soil Chemistry.....	E-BY ₇₅	(8 500)
Extension.....	L-BY ₂₅	5 850
(Total Salary).....		(1 950)
55. Lloyd J. McKenzie, Assistant Professor of Pedology Ex- tension.....	{E-BY ₅₀	(7 800)
(Total Salary).....	{L-BY ₅₀	4 150
56. L. B. Miller, Assistant Professor of Soil Fertility.....	S-BY	(4 150)
57. Earl B. Patterson, Assistant Professor of Plant Genetics.....	{H-BY ₅₅	(8 300)
(Total Salary).....	{R-BY ₄₅	7 900
58. Burton W. Ray, Assistant Professor of Pedology.....	{S-BY ₄₀	(4 510)
(Total Salary).....	{H-BY ₆₀	(3 690)
59. Burns R. Sabey, Assistant Professor of Soil Microbiology.....	{C-BY ₅₀	(8 200)
(Total Salary).....	{S-BY ₅₀	3 040
60. Robert D. Seif, Assistant Professor of Biometry.....	{C-BY ₃₃	(4 560)
(Total Salary).....	{S-BY ₆₇	(7 600)
61. H. J. Snider, Assistant Professor, <i>Emeritus</i>	S-R	4 100
62. Alfred Tate, Assistant Professor, <i>Emeritus</i>	E-R	4 100
63. Alfred U. Thor, Assistant Professor, <i>Emeritus</i>	E-R	(8 200)
64. Joseph T. Woolley, Assistant Professor of Plant Physiology.....	C-BY	4 100
65. ———, Assistant Professor of Soil Microbiology.....	{C-BY ₄₀	2 940
(Total Salary).....	{S-BY ₆₀	4 410
66. ———, Assistant Professor of Soils.....	{E-DY ₈₀	(7 350)
(Total Salary).....	{L-DY ₂₀	5 880
67. C. J. Badger, Associate, <i>Emeritus</i>	S-R	(1 470)
68. David R. Browning, Research Associate.....	S-DY ₅₀	(7 350)
(Also Southern Illinois University)		
69. Maw Shiu Wang, Research Associate in Soil Chemistry.....	{S-DY ₈₀	4 800
(Total Salary).....	{H-DY ₂₀	(1 200)
70. Lester V. Boone, Assistant in Soil Fertility.....	S-DY	(6 000)
71. Charles A. Gholson, Assistant in Soil Fertility.....	S-DY	5 000
72. Shanti S. Khanna, Assistant.....	S-DY	5 000
73. Derreld L. Mulvaney, Assistant in Soil Fertility.....	S-DY	4 800
74. Melvin L. Peasley, Assistant.....	H-ZDY ₅₀	5 600
(Total Salary).....		(2 500)
75. 1.75 Full Time Equivalent Assistants.....	C-DY	(5 000)
76. 1.50 Full Time Equivalent Assistants.....	S-DY	9 000
Nonacademic Salaries.....	C	7 925
Nonacademic Salaries.....	S	13 170
Total, Salaries.....		122 840
Wages.....	C	(611 015)
Wages.....	S	3 700
Expense.....	C	13 200
Expense.....	S	4 500
Equipment.....	C	72 915
Equipment.....	S	1 500
Total, Wages, Expense, and Equipment.....		10 000
Total, Agronomy.....		(105 815)
		\$716 830

Corn Testing Revolving

Account Number 12-15-15-311

Nonacademic Salaries.....	S	\$ 5 400
Total, Salaries.....	S	(5 400)
Wages.....	S	5 000

Expense.....	S	3 500
Equipment.....	S	1 500
<i>Total, Wages, Expense, and Equipment.....</i>	S	(10 000)
<i>Total, Corn Testing Revolving.....</i>		\$15 400

Central Illinois Seed Increase Revolving

Account Number 12-15-15-312

Wages.....	S	\$ 500
Expense.....	S	500
Equipment.....	S	500
<i>Total, Central Illinois Seed Increase Revolving.....</i>		\$ 1 500

Northern Illinois Experiment Field Revolving

Account Number 12-15-15-356

Expense.....	S	\$ 750
Equipment.....	S	500
<i>Total, Northern Illinois Experiment Field Revolving.....</i>		\$ 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>		\$ 3 500

Cooperative Investigations

DEKALB AGRICULTURAL ASSOCIATION — DWARF CORN

Account Number 44-15-15-315

1. Melvin L. Peasley, Assistant.....	S-ZDY50	\$ 2 500
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ROCKEFELLER FOUNDATION — MAIZE POLYPOIDS

Account Number 44-15-15-373

1. Charles Levings III, Assistant.....	S-DY	\$ 5 200
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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-ZAY40 S-ZAY40 E-ZAY20	\$ 7 700 7 700 3 850
(Total Salary).....		(19 250)
2. Donald E. Becker, Professor.....	{ C-AY50 S-AY50	6 000 6 000
(Total Salary).....		(12 000)
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	2 950 8 850
(Total Salary).....		(11 800)
7. U. S. Garrigus, Professor.....	{ C-AY40 S-AY60	4 720 7 080
(Total Salary).....		(11 800)
8. Tom S. Hamilton, Professor of Animal Nutrition.....	C-ZAY	.....
9. B. Connor Johnson, Professor of Animal Biochemistry..	{ C-AY20 S-AY80	2 460 9 840
(Total Salary).....		(12 300)
10. W. G. Kammlade, Professor, <i>Emeritus</i>	ZR	.....
11. Joseph Kastelic, Professor of Animal Nutrition.....	{ C-AY40 S-AY60	5 680 8 520
(Total Salary).....		(14 200)
12. H. H. Mitchell, Professor, <i>Emeritus</i>	C-R	.....

13. A. V. Nalbandov, Professor of Animal Physiology.....	{C-AY20	2 640
(Total Salary).....	{S-AY80	10 560
		(13 200)
14. Alvin L. Neumann, Professor.....	{C-AY40	4 880
(Total Salary).....	{S-AY60	7 320
		(12 200)
15. Horace W. Norton, Professor of Agricultural Statistical Design and Analysis.....	{C-AY25	3 250
(Total Salary).....	{S-AY75	9 750
		(13 000)
16. Elmer Roberts, Professor, <i>Emeritus</i>	C-R	.....
17. H. G. Russell, Professor of Animal Science Extension...	{E-AY70	8 750
(Total Salary).....	{L-AY30	(3 750)
		(12 500)
18. Harold M. Scott, Professor.....	{C-AY40	5 920
(Total Salary).....	{S-AY60	8 880
		(14 800)
19. Stanley W. Terrill, Professor.....	C-G	.....
(On disability leave without pay—University Retirement System)		
20. H. W. Bean, Associate Professor.....	C-ZAY	.....
21. Donald J. Bray, Associate Professor.....	{C-AY35	3 290
(Total Salary).....	{S-AY65	6 110
	{H-AY	(9 400)
22. B. C. Breidenstein, Associate Professor.....	{C-AY35	3 325
(Total Salary).....	{S-AY65	6 175
	{H-AY	(9 500)
23. George R. Carlisle, Associate Professor of Animal Science Extension.....	{E-AY70	7 420
(Total Salary).....	{L-AY30	(3 180)
		(10 600)
24. C. W. Crawford, Associate Professor, <i>Emeritus</i>	C-R	.....
25. H. H. Draper, Associate Professor of Animal Nutrition...	{C-AY50	4 750
(Total Salary).....	{S-AY50	4 750
		(9 500)
26. Aldon H. Jensen, Associate Professor.....	{C-AY50	4 750
(Total Salary).....	{S-AY50	4 750
		(9 500)
27. Ben A. Rasmusen, Associate Professor of Animal Genetics	{C-AY50	5 550
(Total Salary).....	{S-AY50	5 550
		(11 100)
28. Samuel F. Ridlen, Associate Professor of Poultry Extension.....	{E-AY50	5 000
(Total Salary).....	{L-AY50	(5 000)
		(10 000)
29. George Wolf, Associate Professor of Animal Nutrition...	S-ZAY	.....
30. Waco W. Albert, Assistant Professor.....	{C-BY60	4 800
(Total Salary).....	{S-BY40	3 200
		(8 000)
31. Philip J. Dziuk, Assistant Professor.....	{C-BY40	3 600
(Total Salary).....	{S-BY60	5 400
		(9 000)
32. Efton E. Hatfield, Assistant Professor.....	{C-BY40	3 600
(Total Salary).....	{S-BY60	5 400
		(9 000)
33. Sorab P. Mistry, Assistant Professor of Animal Nutrition	{C-BY35	3 150
(Total Salary).....	{S-BY65	5 850
		(9 000)
34. George E. Mitchell, Jr., Assistant Professor.....	{C-BY40	3 440
(Total Salary).....	{S-BY60	5 160
	{H	(8 600)
35. J. Elton Zimmerman, Assistant Professor.....	{C-BY50	3 850
(Total Salary).....	{S-BY50	3 850
		(7 700)
36. _____, Assistant Professor.....	C-BY	8 000

37. ———, Assistant Professor.....	{C-BY40 S-BY60	3 440 5 160 (8 600)
(Total Salary).....		
38. Mei-Ling Wu Chang, Research Associate in Animal Nutrition.....	S-ZDY82	4 700
(Total Salary).....		(5 700)
39. Marjorie Edman, Research Associate in Animal Nutrition.....	S-DY	6 000
40. Desmond M. McAleese, Research Associate.....	{H-ZDY47 R-ZDY37	(2 800) (2 200) (6 000)
(Total Salary).....		
41. Terry R. Greathouse, Instructor in Animal Science Extension.....	{E-DY50 L-DY50	3 850 (3 850) (7 700)
(Total Salary).....		
42. Donald E. Walker, Instructor in Animal Science Extension.....	{E-DY65 L-DY35	5 460 (2 940) (8 400)
(Total Salary).....		
43. Bennie B. Doane, Assistant.....	{C-DY50 S-DY50	2 650 2 650 (5 300)
(Total Salary).....		
44. Donald S. Garrigan, Assistant.....	{C-DY40 S-DY60	2 360 3 440 (5 800)
(Total Salary).....		
45. Donald L. McMahan, Assistant.....	S-DY	5 000
46. 3.00 Full Time Equivalent Assistants.....	C-DY	14 025
47. 4.00 Full Time Equivalent Assistants.....	S-DY	19 560
Nonacademic Salaries.....	C	60 450
Nonacademic Salaries.....	S	126 985
<i>Total, Salaries</i>		(529 750)
Wages.....	C	8 250
Wages.....	S	12 270
Expense.....	C	28 500
Expense.....	S	51 680
Equipment.....	C	5 000
Equipment.....	S	6 250
<i>Total, Wages, Expense, and Equipment</i>		(111 950)
<i>Total, Animal Science</i>		\$641 700

Animal Science Income Revolving

Account Number 12-15-20-320		
Expense.....	S	\$125 000
<i>Total, Animal Science Income Revolving</i>		\$125 000

Cooperative Investigations**HOFFMAN-LA ROCHE — C14 BIOTIN**

Account Number 44-15-20-336

1. Maria A. Grillo, Research Associate.....	S-ZDY33	\$ 2 000
(Total Salary).....		(6 000)

MUSCULAR DYSTROPHY — VITAMIN E IN RATS

Account Number 44-15-20-353

1. Agnes Csallany, Research Associate.....	S-DY	\$ 5 500
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NATIONAL VITAMIN FOUNDATION — C14 BIOTIN

Account Number 44-15-20-362

1. Maria A. Grillo, Research Associate.....	S-ZDY67	\$ 4 000
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U.S. AIR FORCE 130

Account Number 46-15-20-301

1. Garmond S. Smith, Research Associate.....	S-DY	\$ 6 000
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U.S. ATOMIC ENERGY COMMISSION PROJECT 2

Account Number 46-15-20-306

1. Mei-Ling Wu Chang, Research Associate in Animal Nutrition.....	S-ZDY18	\$ 1 000
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20. Fay H. Root, Assistant Professor of Camp and Park Management.....	E-ZBY50	4 400
(Total Salary).....		(8 800)
21. G. William Stone, Assistant Professor of Agricultural 4-H Club Work.....	E-BY60	5 040
(Total Salary).....	L-BY40	(3 360)
22. Hubert J. Wetzel, Assistant Professor of Agricultural 4-H Club Work.....	E-BY60	5 250
(Total Salary).....	L-BY40	(3 500)
23. George L. Daigh, Jr., Instructor in Agricultural 4-H Club Work.....	E-DY50	3 750
(Total Salary).....	L-DY50	(3 750)
24. Fred L. Haegele, Instructor in Agricultural 4-H Club Work.....	E-DY80	5 000
(Total Salary).....	L-DY20	(1 200)
25. O. L. Hogsett, Safety Specialist with rank of Instructor in Agricultural Extension.....	E-DY50	3 625
(Total Salary).....	L-DY50	(3 625)
26. Ruth E. Dickens, Assistant in Rural Recreation.....	E-DY50	2 800
(Total Salary).....	L-DY50	(2 800)
27. William J. Mount, Food Merchandising and Consumer Education Specialist with rank of Instructor.....	L-DY	(7 000)
28. 99 Farm Advisers (48.35 Full Time Equivalent).....	E-ZDY	400 900
99 Farm Advisers (17.31 Full Time Equivalent).....	L-ZDY	(143 550)
Total, All Funds (99.00 Full Time Equivalent).....		(820 786)
29. 72 Assistant Advisers (44.32 Full Time Equivalent).....	E-ZDY	242 320
72 Assistant Advisers (15.18 Full Time Equivalent).....	L-ZDY	(82 965)
Total, All Funds (72.00 Full Time Equivalent).....		(393 589)
30. 17 Assistants in Farm and Home Development (12.42 Full Time Equivalent).....	E-ZDY	80 750
17 Assistants in Farm and Home Development (3.76 Full Time Equivalent).....	L-ZDY	(24 465)
Total, All Funds (17.00 Full Time Equivalent).....	ZDY	(110 567)
31. 1 Assistant in Rural Development (1.00 Full Time Equivalent).....	L-ZDY	(6 650)
Nonacademic Salaries.....	E	29 730
Total, County Farm Extension.....		\$845 730

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 — 4H Memorial Camp Operation.....	\$40 360

County Farm Bureau — Farm Advisers

Account Number 44-15-25-400	
1. 99 Farm Advisers (33.34 Full Time Equivalent).....	E-ZDY \$276 336
2. 51 Assistant Advisers (12.50 Full Time Equivalent).....	E-ZDY 68 304
3. 7 Assistants in Farm and Home Development (.82 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. Martha L. Dunlap, Professor of Home Economics Extension.....	E-ZAY
2. Lulu S. Black, Professor, Emerita.....	E-R

3. Gertrude E. Kaiser, Assistant State Leader of Home Advisers and Associate Professor of Home Economics Extension.....	{E-AY75 L-AY25	\$ 7 125 (2 375)
(Total Salary).....		(9 500)
4. Mary S. Ligon, Assistant State Leader of Home Advisers and Associate Professor of Home Economics Extension...	{E-AY50 L-AY50	4 750 (4 750)
(Total Salary).....		(9 500)
5. Anna W. Searl, Associate Professor, <i>Emerita</i>	E-R	.....
6. Erma Cottingham, Assistant Professor, <i>Emerita</i>	E-R	.....
7. Jeannette B. Dean, Assistant State Leader of Home Advisers and Assistant Professor of Home Economics Extension.....	{E-BY75 L-BY25	6 300 (2 100)
(Total Salary).....		(8 400)
8. Cleo Hall, Assistant State Leader of Home Advisers and Assistant Professor of Home Economics Extension....	{E-BY75 L-BY25	6 075 (2 025)
(Total Salary).....		(8 100)
9. Florence Kimmelshue, Assistant Professor of Home Economics 4-H Club Work.....	{E-BY50 L-BY50	4 250 (4 250)
(Total Salary).....		(8 500)
10. Mary A. McKee, Assistant Professor, <i>Emerita</i>	E-R	.....
11. Anita Smith, Administrative Assistant to State Leader of Home Advisers and Assistant Professor of Home Economics Extension.....	{E-BY50 L-BY50	4 200 (4 200)
(Total Salary).....		(8 400)
12. Marian Sympton, Assistant State Leader of Home Advisers and Assistant Professor of Home Economics Extension.....	{E-BY60 L-BY40	4 920 (3 280)
(Total Salary).....		(8 200)
13. Arlene Wolfram, Assistant Professor of Home Economics 4-H Club Work.....	{E-BY50 L-BY50	3 750 (3 750)
(Total Salary).....		(7 500)
14. Alice P. Hare, Instructor in Home Economics 4-H Club Work.....	{E-DY50 L-DY50	3 150 (3 150)
(Total Salary).....		(6 300)
15. Delores L. Parrott, Instructor in Home Economics 4-H Club Work.....	{E-DY65 L-DY35	4 325 (2 425)
(Total Salary).....		(6 750)
16. _____, Instructor in Home Economics 4-H Club Work.....	{E-DY80 L-DY20	4 800 (1 200)
(Total Salary).....		(6 000)
17. 95 Home Advisers (60.13 Full Time Equivalent).....	E-ZDY	367 800
18. 95 Home Advisers (27.00 Full Time Equivalent).....	L-ZDY	(165 200)
19. Total, All Funds (95.00 Full Time Equivalent)....		(581 144)
20. 36 Assistant Advisers (23.54 Full Time Equivalent)....	E-ZDY	111 300
21. 36 Assistant Advisers (10.61 Full Time Equivalent)....	L-ZDY	(50 170)
22. Total, All Funds.....		(170 230)
Nonacademic Salaries.....	E	32 970
Total, Salaries.....	E	(565 715)
Total, County Home Extension.....		\$565 715

County Home Bureau — Home Advisers

Account Number 44-15-30-400

1. 69 Home Advisers (7.87 Full Time Equivalent).....	E-ZDY	\$48 144
2. 21 Assistant Advisers (1.85 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 of Dairy Science and Head of Department.....	{C-AY40 S-AY40 E-AY20	\$ 7 800 7 800 3 900
(Total Salary).....		(19 500)

2. Harry P. Broquist, Professor of Biological Chemistry...	{C-AY25 S-AY75	3 150 9 450
(Total Salary).....		(12 600)
3. J. G. Cash, Professor of Dairy Science Extension.....	{E-AY65 L-AY35	7 865 (4 235)
(Total Salary).....		(12 100)
4. Karl E. Gardner, Professor of Nutrition.....	C-ZAY	.....
5. K. A. Kendall, Professor of Dairy Science.....	{C-AY75 S-AY25	8 250 2 750
(Total Salary).....		(11 000)
6. Willard O. Nelson, Professor of Bacteriology.....	{C-AY20 S-AY80	2 540 10 160
(Total Salary).....		(12 700)
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-AY40 R-AY35	2 825 4 520 (3 955)
(Total Salary).....		(11 300)
10. Noland L. VanDemark, Professor of Physiology.....	{C-AY25 S-AY75	3 325 9 975
(Total Salary).....		(13 300)
(On leave with pay six months from March 1, 1961)		
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	3 960 4 690 (1 250)
(Total Salary).....		(9 900)
14. Leo R. Fryman, Associate Professor of Dairy Science Extension.....	{E-AY75 L-AY25	7 240 (2 410)
(Total Salary).....		(9 650)
15. K. E. Harshbarger, Associate Professor of Nutrition.....	{C-AY50 S-AY50	5 000 5 000
(Total Salary).....		(10 000)
16. Ray L. Hays, Associate Professor of Physiology.....	{C-AY20 S-AY80	1 870 7 480
(Total Salary).....		(9 350)
17. Bruce L. Larson, Associate Professor of Biological Chemistry.....	{C-AY25 S-AY75	2 625 7 875
(Total Salary).....		(10 500)
18. E. E. Ormiston, Associate Professor of Dairy Husbandry.....	{C-AY50 S-AY50	4 875 4 875
(Total Salary).....		(9 750)
19. Jack L. Albright, Assistant Professor of Dairy Husbandry.....	{C-BY50 S-BY50	3 825 3 825
(Total Salary).....		(7 650)
20. John H. Byers, Assistant Professor.....	{C-BY50 S-BY50	4 550 4 550
(Total Salary).....		(9 100)
21. Carl Lee Davis, Assistant Professor of Nutrition.....	{C-BY50 S-BY50	4 000 4 000
(Total Salary).....		(8 000)
22. Gerhard W. Harpestad, Assistant Professor of Dairy Science Extension.....	{E-BY60 L-BY40	5 040 (3 360)
(Total Salary).....		(8 400)
23. J. Robert Lodge, Assistant Professor of Physiology.....	{C-ZBY25 S-ZBY42	1 940 3 230
(Total Salary).....		(7 750)
24. Meyer J. Wolin, Assistant Professor of Bacteriology.....	{C-BY50 S-BY50	4 225 4 225
(Total Salary).....		(8 450)

25. ———, Assistant Professor.....	{C-BY50	3 675
(Total Salary).....	{S-BY50	3 675
		(7 350)
26. Ralph V. Johnson, Instructor in Dairy Science Extension	{E-DY55	4 620
(Total Salary).....	{L-DY45	(3 780)
		(8 400)
27. ———, Assistant.....	S-DY	4 800
28. 2.75 Full Time Equivalent Assistants.....	C-DY	13 700
29. 2.75 Full Time Equivalent Assistants.....	S-DY	13 800
Nonacademic Salaries.....	C	51 060
Nonacademic Salaries.....	S	122 625
<i>Total, Salaries</i>		(401 165)
Wages.....	C	11 600
Wages.....	S	13 000
Expense.....	C	45 210
Expense.....	S	52 250
Equipment.....	C	4 000
Equipment.....	S	6 500
<i>Total, Wages, Expense, and Equipment</i>		(132 560)
<i>Total, Dairy Science</i>		\$533 725

Dairy Official Testing Revolving

Account Number 12-15-35-316

Nonacademic Salaries.....	S	\$20 700
<i>Total, Salaries</i>	S	(20 700)
Wages.....	S	600
Expense.....	S	9 000
Equipment.....	S	350
<i>Total, Wages, Expense, and Equipment</i>	S	(9 950)
<i>Total, Dairy Official Testing Revolving</i>		\$30 650

Cooperative Investigations

ROCKEFELLER FOUNDATION — FUNDAMENTAL BIOLOGY

Account Number 44-15-35-373

1. J. Robert Lodge, Assistant Professor of Physiology..... S-ZBY33 \$ 2 580

ILLINOIS DAIRY PRODUCTS — CREAM QUALITY

Account Number 44-15-35-440

1. P. P. Somers, Assistant Professor..... E-ZBY50 \$ 4 500
- (Total Salary)..... (9 000)

U.S. NATIONAL SCIENCE FOUNDATION G7499

Account Number 46-15-35-359

1. Charles R. Hoover, Research Associate..... S-DY \$ 7 250

Dixon Springs Experiment Station

Account Number 00-15-40-300; Station 00-15-40-300; Extension 00-15-40-400

1. R. J. Webb, Superintendent and Professor of Agricultural Research and Extension..... {S-ZAY42 \$ 5 290
- {E-ZAY35 4 410
- {H-ZAY23 (2 900)
- (Total Salary)..... (12 600)
- (Perquisites University — housing)
- (Transferred to Trust)
2. Manford E. Mansfield, Associate Professor of Veterinary Research..... S-ZAY17 1 675
- (Total Salary)..... (10 000)
- (Perquisites University — housing)
3. George E. McKibben, Associate Professor of Agricultural Research and Extension..... {S-AY75 7 275
- {E-AY25 2 425
- (Total Salary)..... (9 700)
- {E-BY80 6 960
- {L-BY20 (1 740)
- (Total Salary)..... (9 000)
- (Perquisites Employee — housing)..... (300)

5. George F. Cmarik, Assistant Professor of Agricultural Research.....	S-BY	7 800
6. Leland E. Gard, Assistant Professor of Agricultural Research.....	S-BY	8 100
(Total Salary).....		(8 400)
(Perquisites Employee — housing).....		(300)
7. Alvan R. Gilmore, Assistant Professor of Forestry.....	S-ZBY45	3 735
(Total Salary).....		(8 600)
(Perquisites Employee — housing).....		(300)
8. John M. Lewis, Acting Superintendent and Assistant Professor of Agricultural Research.....	S-BY	10 000
(Perquisites University — housing).....		
9. Robert E. Nelson, Associate Extension Forester.....	S-ZBY	.....
10. J. Wilson Courter, Research Associate in Horticulture...	S-ZDY25	1 750
(Total Salary).....		(7 000)
(Perquisites Employee — housing).....		(300)
11. F. C. Hinds, Research Associate.....	S-DY	(7 200)
(Perquisites Employee — housing).....		(300)
Nonacademic Salaries.....	S	121 110
Total, Salaries.....	S	(180 530)
Wages.....	S	5 090
Expense.....	S	70 550
Equipment.....	S	12 000
Total, Wages, Expense, and Equipment.....	S	(87 640)
Total, Dixon Springs Experiment Station.....		\$268 170

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	\$ 3 500 14 000
(Total Salary).....		(17 500)
2. Ernest O. Herreid, Professor of Dairy Technology.....	{C-AY20 S-AY80	2 360 9 440
(Total Salary).....		(11 800)
3. Louis B. Howard, Professor.....	C-ZAY	.....
4. Fred A. Kummerow, Professor of Food Chemistry.....	{C-AY20 S-AY80	2 480 9 920
(Total Salary).....		(12 400)
5. Alvin I. Nelson, Professor of Food Processing.....	{C-AY60 S-AY40	7 320 4 880
(Total Salary).....		(12 200)
6. Z. John Ordal, Professor of Food Microbiology.....	{C-AY20 S-AY80	2 440 9 760
(Total Salary).....		(12 200)
7. P. H. Tracy, Professor, <i>Emeritus</i>	C-R	.....
8. S. L. Tuckey, Professor of Dairy Technology.....	{C-AY80 S-AY20	9 760 2 440
(Total Salary).....		(12 200)
9. Robert M. Whitney, Professor of Dairy Technology...	{C-AY30 S-AY70	3 660 8 540
(Total Salary).....		(12 200)
10. Marvin P. Steinberg, Associate Professor of Food Engineering.....	{C-AY30 S-AY70	2 955 6 895
(Total Salary).....		(9 850)
11. Joseph Tobias, Associate Professor of Dairy Technology..	{C-AY60 S-AY40	5 910 3 940
(Total Salary).....		(9 850)
12. Lloyd D. Witter, Assistant Professor of Food Microbiology.....	{C-BY30 S-BY70	2 940 6 860
(Total Salary).....		(9 800)
13. ———, Assistant Professor of Dairy Technology...	{C-BY30 S-BY70	2 205 5 145
(Total Salary).....		(7 350)
14. Mitsuru Uchiyama, Research Associate.....	S-DY	5 500
15. ———, Research Associate in Food Industry.....	S-DY	5 500

16. John N. McGill, Instructor	{C-DY20 S-DY80	1 480 5 920
(Total Salary)		(7 400)
17. Hans Riemann, Assistant	H-DY	(6 500)
18. 0.75 Full Time Equivalent Assistants	C-DY	3 750
19. 3.75 Full Time Equivalent Assistants	S-DY	19 780
Nonacademic Salaries	C	8 490
Nonacademic Salaries	S	23 540
<i>Total, Salaries</i>		(201 310)
Wages	S	2 880
Expense	C	5 220
Expense	S	13 200
Equipment	C	6 000
Equipment	S	6 000
<i>Total, Wages, Expense, and Equipment</i>		(33 300)
<i>Total, Food Technology</i>		\$234 610

Cooperative Investigations

ILLINOIS HEART ASSOCIATION — DIETARY CHOLESTEROL

Account Number 44-15-50-340

1. Patricia V. Johnston, Assistant Professor	S-ZDY70	\$ 5 400
(Total Salary)		(7 850)

U.S. ARMY QUARTERMASTER I332

Account Number 46-15-50-314

1. Lun-Shin Wei, Research Associate	DY	\$ 5 870
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U.S. PUBLIC HEALTH SERVICE I819

Account Number 46-15-50-366

1. Mohan Kokatnur, Research Associate	S-DY	\$ 6 000
2. Hideo Tsuchiyama, Research Associate	S-DY	6 000
<i>Total, U.S. Public Health Service I819</i>		\$12 000

U.S. PUBLIC HEALTH SERVICE A1671

Account Number 46-15-50-369

1. V. R. Bhalerao, Assistant Professor	S-ZDY75	\$ 5 890
(Total Salary)		(7 850)
2. Isao Kitagawa, Research Associate	S-DY	5 500
<i>Total, U.S. Public Health Service A1671</i>		\$11 390

U.S. PUBLIC HEALTH SERVICE H3063

Account Number 46-15-50-371

1. Toshiro Nishida, Assistant Professor	S-ZDY75	\$ 5 890
(Total Salary)		(7 850)
2. Noritaka Watada, Research Associate	S-DY	5 500
<i>Total, U.S. Public Health Service H3063</i>		\$11 390

U.S. PUBLIC HEALTH SERVICE 5368

Account Number 46-15-50-372

1. V. R. Bhalerao, Assistant Professor	S-ZDY25	\$ 1 960
2. Patricia V. Johnston, Assistant Professor	S-ZDY30	2 450
3. Toshiro Nishida, Assistant Professor	S-ZDY25	1 960
<i>Total, U.S. Public Health Service 5368</i>		\$ 6 370

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 S-AY40 E-AY25	\$ 6 125 7 000 4 375
(Total Salary)		(17 500)
2. William R. Boggess, Professor	{C-AY70 S-AY30	8 400 3 600
(Total Salary)		(12 000)
3. Ralph W. Lorenz, Professor	{C-AY40 H-AY60	4 880 (7 320)
(Total Salary)		(12 200)

4. Charles S. Walters, Professor of Wood Technology and Utilization.....	{C-AY40 S-AY60	4 880 7 320
(Total Salary).....		(12 200)
5. L. B. Culver, Associate Professor of Forestry Extension..	{E-AY50 L-AY50	5 450 (5 450)
(Total Salary).....		(10 900)
6. Israel I. Holland, Associate Professor of Forestry Economics.....	{C-BY40 S-BY60	4 000 6 000
(Total Salary).....		(10 000)
7. R. G. Rennels, Associate Professor.....	{C-AY85 R-AY15	8 030 (1 420)
(Total Salary).....		(9 450)
8. W. Freeman Bulkley, Associate Extension Forester with rank of Assistant Professor.....	{E-BY75 L-BY25	5 515 (1 835)
(Total Salary).....		(7 350)
9. Howard W. Fox, Assistant Professor.....	S-ZBY65	5 150 (7 950)
(Total Salary).....		(4 565)
10. Alvan R. Gilmore, Assistant Professor.....	H-ZBY55	(8 600)
(Total Salary).....		
11. John K. Guiher, Assistant Professor of Wood Technology and Utilization.....	{C-BY45 H-BY55	3 645 (4 455)
(Total Salary).....		(8 100)
12. Robert E. Nelson, Associate Extension Forester with rank of Assistant Professor.....	{E-ZBY60 L-ZBY40	4 960 (3 190)
(Total Salary).....		(8 150)
13. Charles E. Olson, Jr., Assistant Professor.....	{C-ZBY42 H-ZBY20	3 290 (1 560)
(Total Salary).....		(7 800)
14. Donald H. Percival, Research Assistant Professor of Wood Technology and Utilization.....	S-ZBY	.....
15. Kenneth R. Peterson, Assistant Professor of Wood Technology and Utilization.....	{C-BY65 H-BY35	5 200 (2 800)
(Total Salary).....		(8 000)
16. Duncan A. Harkin, Research Associate.....	{S-DY77 R-DY23	5 100 (1 500)
(Total Salary).....		(6 600)
17. Theodore W. Curtin, Assistant Extension Forester with rank of Instructor.....	{E-DY75 L-DY25	5 175 (1 725)
(Total Salary).....		(6 900)
18. J. J. Jokela, Instructor and Research Associate.....	{C-DY25 S-DY60 H-DY15	2 040 4 890 (1 220)
(Total Salary).....		(8 150)
19. Gary E. Metcalf, Research Assistant.....	{S-DY40 H-DY60	2 080 (3 120)
(Total Salary).....		(5 200)
20. 1.50 Full Time Equivalent Assistants.....	C-E	6 200
Nonacademic Salaries.....		9 720
Nonacademic Salaries.....		4 610
<i>Total, Salaries</i>		(137 635)
Wages.....	C	875
Wages.....	S	2 530
Expense.....	C	6 700
Expense.....	S	6 635
Equipment.....	C	450
Equipment.....	S	1 000
<i>Total, Wages, Expense, and Equipment</i>		(18 190)
<i>Total, Forestry</i>		\$155 825

Cooperative Investigations

Mrs. C. P. MILLER — SINNISSIPPI FOREST

Account Number 44-15-55-352

1. Howard W. Fox, Assistant Professor..... S-ZBY35 \$ 2 800

U.S. OFFICE OF NAVAL RESEARCH 1834-31

Account Number 46-15-55-355

1. Charles E. Olson, Jr., Assistant Professor..... S-ZBY38 \$ 2 950

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 S-AY30 E-AY25	\$ 7 310 4 875 4 065
(Total Salary).....		(16 250)
2. Kathryn V. Burns, Professor, <i>Emerita</i>	C-R	.....
3. Julia O. Holmes, Professor of Nutrition.....	{C-AY25 H-AY75	3 000 (9 000)
(Total Salary).....		(12 000)
4. Pearl Z. Janssen, Professor.....	C-A	9 200
5. Nellie L. Perkins, Professor, <i>Emerita</i>	C-R	.....
6. E. Evelyn Smith, Professor, <i>Emerita</i>	C-R	.....
7. Frances O. VanDuyne, Professor of Foods.....	{C-AY35 S-AY65	4 550 8 450
(Total Salary).....		(13 000)
8. Geraldine E. Acker, Associate Professor of Foods and Nutrition in Home Economics Extension.....	{E-AY50 L-AY50	4 925 (4 925)
(Total Salary).....		(9 850)
9. Grace B. Armstrong, Associate Professor, <i>Emerita</i>	C-R	.....
10. Harriet T. Barto, Associate Professor of Dietetics.....	C-A	7 700
11. Mildred Bonnell, Associate Professor.....	C-A	9 000
12. Pauline N. Brimhall, Associate Professor of Health Education.....	{E-AY50 L-AY50	4 650 (4 550)
(Total Salary).....		(9 200)
13. Fannie M. Brooks, Associate Professor, <i>Emerita</i>	C-R	.....
14. Ruth C. Freeman, Associate Professor, <i>Emerita</i>	H-R	.....
15. Ruth L. Galbraith, Associate Professor.....	{C-AY50 H-AY50	5 250 (5 250)
(Total Salary).....		(10 500)
16. Margaret R. Goodyear, Associate Professor.....	C-AY	10 800
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	5 415 (4 435)
(Total Salary).....		(9 850)
21. Helen E. McCullough, Associate Professor.....	{S-AY25 H-AY15 R-AY60	2 675 (1 605) (6 420)
(Total Salary).....		(10 700)
22. Queenie B. B. Mills, Associate Professor of Child Development.....	C-A	9 000
23. Elizabeth M. Osman, Associate Professor.....	{C-AY20 H-AY80	2 000 (8 000)
(Total Salary).....		(10 000)
24. Catherine M. Sullivan, Associate Professor of Home Management.....	{E-AY50 L-AY50	4 925 (4 925)
(Total Salary).....		(9 850)
25. Lorraine Trebilcock, Associate Professor.....	C-A	7 500
26. Jane Werden, Associate Professor.....	C-AY	10 800
27. Karlyne A. Anspach, Assistant Professor.....	C-B	6 900
28. Gertrude L. Borchers, Assistant Professor.....	{S-DY45 H-DY55	3 305 (4 045)
(Total Salary).....		(7 350)
29. Fern Carl, Assistant Professor, <i>Emerita</i>	C-R	.....
30. Virginia Guthrie, Assistant Professor.....	C-B	6 900
31. Beulah A. Hunzicker, Assistant Professor.....	C-B	7 500
(Perquisites University — one meal)		

32. Willis C. Kauffman, Assistant Professor.....	C-B	6 900
33. Glenna H. Lamkin, Assistant Professor.....	C-B	6 500
34. Beula V. McKey, Assistant Professor of Nutrition.....	{S-BY75 (H-BY25)	5 850 (1 950)
(Total Salary).....		(7 800)
35. Willie M. Mowrer, Assistant Professor.....	C-B	7 200
36. Elizabeth M. Nyholm, Assistant Professor.....	C-B	6 700
37. K. Virginia Seidel, Assistant Professor of Home Fur- nishings in Home Economics Extension.....	{E-BY65 (L-BY35)	5 200 (2 800)
(Total Salary).....		(8 000)
38. Claretta Walker, Assistant Professor of Family Life.....	{E-BY50 (L-BY50)	4 050 (4 050)
(Total Salary).....		(8 100)
39. Gladys J. Ward, Assistant Professor, <i>Emerita</i>	C-R	.....
40. Helen K. Zwolanek, Assistant Professor.....	C-B	6 300
41. ———, Assistant Professor.....	C-B	7 700
42. ———, Assistant Professor.....	{E-BY35 (H-BY30 (L-BY35)	2 730 (2 340) (2 730)
(Total Salary).....		(7 800)
43. Anne M. Kylen, Research Associate.....	{S-DY15 (H-DY85)	960 (5 440)
(Total Salary).....		(6 400)
44. Robbie G. Blakemore, Instructor.....	C-D	5 800
45. Ellen H. Ebersole, Instructor.....	C-D	4 800
46. Nyla M. Gorham, Instructor in Foods and Nutrition in Home Economics Extension.....	{E-DY50 (L-DY50)	3 400 (3 400)
(Total Salary).....		(6 800)
47. Joan C. Graham, Instructor.....	C-ZD75	4 275
(Total Salary).....		(5 700)
48. Mary O. Hubbard, Instructor.....	C-D	5 400
49. Eloise Lorch, Instructor.....	C-D	5 600
50. Millicent V. Martin, Instructor.....	C-D	5 700
51. Marjorie E. Mead, Instructor in Clothing.....	{E-DY50 (L-DY50)	3 500 (3 500)
(Total Salary).....		(7 000)
52. Lila J. Oderkirk, Instructor.....	C-D	5 100
53. Esther Siemen, Instructor in Clothing.....	{E-DY50 (L-DY50)	3 625 (3 625)
(Total Salary).....		(7 250)
54. Robert B. Smith, Instructor in Music.....	C-ZD50	3 200
(Total Salary).....		(6 400)
55. Marjorie A. Sohn, Instructor.....	{E-DY70 (L-DY30)	4 620 (1 980)
(Total Salary).....		(6 600)
56. Betty A. Street, Instructor.....	C-D	5 000
57. ———, Instructor.....	C-D	5 100
58. ———, Instructor.....	C-D	4 800
59. Ruby Adams, Assistant.....	{C-DY15 (H-DY85)	765 (4 335)
(Total Salary).....		(5 100)
60. Helen M. House, Assistant.....	C-E	4 800
61. Helen Jean Johnson, Assistant.....	{S-DY20 (H-DY80)	1 100 (4 400)
(Total Salary).....		(5 500)
62. Vivian P. Larson, Assistant.....	C-E	4 600
(Perquisites University — one meal)		
63. Barbara McGrath, Assistant.....	{S-DY55 (H-DY45)	2 970 (2 430)
(Total Salary).....		(5 400)
64. Charlotte K. Rhodes, Assistant.....	H-DY	(4 800)
65. ———, Assistant.....	C-E	3 900
66. 4.00 Full Time Equivalent Assistants.....	C-DY	20 800
Nonacademic Salaries.....	C	37 890

Nonacademic Salaries.....	S	10 260
<i>Total, Salaries</i>		(367 790)
Wages.....	C	5 680
Expense.....	C	33 460
Expense.....	S	1 700
Equipment.....	C	2 200
Equipment.....	S	1 500
<i>Total, Wages, Expense, and Equipment</i>		(44 540)
<i>Total, Home Economics</i>		\$412 330

Home Economics Cafeteria Revolving

Account Number 12-15-60-212

Nonacademic Salaries.....		\$11 187
<i>Total, Salaries</i>		(11 187)
Wages.....		3 313
Expense.....		25 000
Equipment.....		1 000
<i>Total, Wages, Expense, and Equipment</i>		(29 313)
<i>Total, Home Economics Cafeteria Revolving</i>		\$40 500

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	\$ 6 500 7 300 2 450
(Total Salary).....		(16 250)
2. H. W. Anderson, Professor, <i>Emeritus</i>	C-R	.....
3. Charles Y. Arnold, Professor of Vegetable Crops.....	{C-AY30 S-AY70	3 480 8 120
(Total Salary).....		(11 600)
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. James R. Kamp, Professor of Floriculture.....	{C-AY30 S-AY70	3 480 8 120
(Total Salary).....		(11 600)
8. M. B. Linn, Professor of Plant Pathology.....	C-ZAY	.....
9. Richard V. Lott, Professor of Pomology.....	{C-AY20 S-AY80	2 400 9 600
(Total Salary).....		(12 000)
10. J. P. McCollum, Professor of Vegetable Crops.....	{C-AY30 S-AY70	3 390 7 910
(Total Salary).....		(11 300)
11. V. G. Milum, Professor of Apiculture.....	{C-AY30 S-AY70	3 390 7 910
(Total Salary).....		(11 300)
12. Dwight Powell, Professor of Plant Pathology.....	C-ZAY	.....
13. F. F. Weinard, Professor of Floriculture.....	{C-AY30 S-AY70	3 390 7 910
(Total Salary).....		(11 300)
14. J. R. Culbert, Associate Professor of Floriculture.....	{C-AY50 S-AY50	4 800 4 800
(Total Salary).....		(9 600)
15. Daniel F. Dayton, Associate Professor of Plant Breeding	{C-AY45 H-AY55	4 800 (4 800)
(Total Salary).....		(9 600)
16. Lothar A. Joos, Associate Professor of Climatology.....	S-AY	.....
17. James B. Mowry, Associate Professor.....	S-AY50	5 250
(Also Southern Illinois University)		
18. Norman F. Oebker, Associate Professor.....	{C-AY25 E-AY25 L-AY50	2 500 2 500 (5 000)
(Total Salary).....		(10 000)
(On leave with pay six months from September, 1960)		

19. Roy K. Simons, Associate Professor of Pomology.....	{C-AY25	2 425
(Total Salary).....	{S-AY75	7 325
20. Anson E. Thompson, Associate Professor of Vegetable Crops.....	{C-AY65	6 240
(Total Salary).....	{H-AY35	(3 360)
21. John S. Titus, Associate Professor of Pomology.....	{C-AY25	2 700
(Total Salary).....	{S-AY75	8 100
22. Charles E. Ackerman, Assistant Professor of Floriculture.....	{C-BY25	2 025
(Total Salary).....	{E-BY75	6 075
23. Herbert C. Barrett, Assistant Professor of Plant Breeding.....	S-BY	8 600
24. Harleigh R. Kemmerer, Assistant Professor.....	C-ZBY10	920
(Total Salary).....		(9 200)
25. Joseph C. McDaniel, Assistant Professor.....	S-BY	7 350
26. Frank W. Owen, Assistant Professor.....	{E-BY65	5 785
(Total Salary).....	{L-BY35	(3 115)
27. Ashby M. Rhodes, Assistant Professor.....	S-BY	8 100
28. Lee A. Somers, Assistant Professor, <i>Emeritus</i>	E-R	.....
29. B. L. Weaver, Assistant Professor, <i>Emeritus</i>	C-R	.....
30. Chester C. Zych, Assistant Professor.....	{C-BY25	2 100
(Total Salary).....	{S-BY75	6 300
31. ———, Assistant Professor of Vegetable Crops.....	{C-AY20	1 470
(Total Salary).....	{S-AY80	5 880
32. Roger W. Hepler, Research Associate in Vegetable Crops.....	S-DY	7 200
33. Robert Alden Miller, Research Associate.....	{E-DY50	3 000
(Total Salary).....	{S-DY50	3 000
34. J. Wilson Courter, Instructor.....	{E-ZDY60	4 200
(Total Salary).....	{L-ZDY15	(1 050)
35. Gail M. Fosler, Instructor in Floriculture.....	{C-DY25	1 925
(Total Salary).....	{S-DY75	5 775
36. John E. Fucik, Instructor in Pomology.....	{C-DY20	1 200
(Total Salary).....	{S-DY80	4 800
37. William R. Nelson, Jr., Instructor.....	{E-DY60	4 725
(Total Salary).....	{L-DY40	(3 275)
38. Donald C. Saupe, Instructor in Floriculture.....	{C-DY20	1 200
(Total Salary).....	{S-DY80	4 800
39. Mary P. Aubertin, Assistant.....	S-DY	4 800
40. 0.75 Full Time Equivalent Assistants.....	C-DY	3 800
41. 3.00 Full Time Equivalent Assistants.....	S-DY	14 450
Nonacademic Salaries.....	S	160 230
Nonacademic Salaries.....	C	12 930
<i>Total, Salaries</i>		(429 430)
Wages.....	C	980
Wages.....	S	5 970
Expense.....	C	6 600
Expense.....	S	31 280
Equipment.....	C	1 000
Equipment.....	S	2 300
<i>Total, Wages, Expense, and Equipment</i>		(48 130)
<i>Total, Horticulture</i>		\$477 560

Horticulture — Horseradish Research

Account Number 03-15-65-300

Expense.....	S	\$ 5 000
<i>Total, Horticulture — Horseradish Research.....</i>		<i>\$ 5 000</i>

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	\$ 8 280
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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 S-AY50	\$ 8 250 8 250 (16 500)
(Total Salary).....		
2. Lindsay M. Black, Professor.....	C-ZA	.....
3. J. Cedric Carter, Professor.....	C-AY	.....
4. James W. Gerdemann, Professor.....	{C-ZAY40 S-ZAY60	4 600 6 900 (11 500)
(Total Salary).....		
5. David Gottlieb, Professor.....	{C-AY20 S-AY80	2 640 10 560 (13 200)
(Total Salary).....		
6. Benjamin Koehler, Professor, <i>Emeritus</i>	S-ZR	.....
7. Maurice B. Linford, Professor.....	{C-AY20 S-AY80	2 360 9 440 (11 800)
(Total Salary).....		
8. M. B. Linn, Professor.....	{C-ZAY20 S-ZAY80	2 460 9 840 (12 300)
(Total Salary).....		
9. Dwight Powell, Professor.....	{C-ZAY20 S-ZAY80	2 540 10 160 (12 700)
(Total Salary).....		
10. H. H. Thornberry, Professor.....	{C-AY20 S-AY80	2 440 9 760 (12 200)
(Total Salary).....		
(On leave with pay six months from March 1, 1961)		
11. Arthur L. Hooker, Associate Professor.....	{C-ZAY20 S-ZAY80	2 000 8 000 (10 000)
(Total Salary).....		
12. Michael P. Britton, Assistant Professor of Plant Pa- thology.....	{E-BY67 L-BY33	5 525 (2 725) (8 250)
(Total Salary).....		
13. Donald W. Chamberlain, Assistant Professor.....	C-BY	.....
14. Jeweus Craig, Research Associate.....	H-ZDY40	(2 520)
(Total Salary).....		(6 300)
15. Helen C. Hechler, Assistant.....	S-DY	4 800
16. Mary R. Phillippe, Research Assistant.....	{R-DY50 H-DY50	(2 400) (2 400) (4 800)
(Total Salary).....		
17. 0.75 Full Time Equivalent Assistants.....	C-DY	3 800
18. 0.65 Full Time Equivalent Assistants.....	S-DY	3 250
Nonacademic Salaries.....	C	7 860
<i>Total, Salaries.....</i>		<i>(125 435)</i>
Wages.....	C	300
Wages.....	S	1 250
Expense.....	C	450
Expense.....	S	7 225
Equipment.....	C	400
Equipment.....	S	975
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(10 600)</i>
<i>Total, Plant Pathology.....</i>		<i>\$136 035</i>

Cooperative Investigations

U.S. NATIONAL SCIENCE FOUNDATION G7265

Account Number 46-15-68-355

1. Jeweus Craig, Research Associate..... S-ZDY60 \$ 3 780

Veterinary Research

Account Number 00-15-70-300

1. C. A. Brandy, Professor and Head of Department.....	S-ZAY25	\$ 5 125
(Total Salary).....		(20 500)
2. J. O. Alberts, Professor.....	S-ZAY35	5 250
(Total Salary).....		(15 000)
3. Paul D. Beamer, Professor.....	S-ZAY25	3 250
(Total Salary).....		(13 000)
(Transferred to Trust for two years from June 1, 1960)		
4. Norman D. Levine, Professor.....	S-ZAY35	4 700
(Total Salary).....		(13 400)
5. Roger P. Link, Professor.....	S-ZAY10	1 285
(Total Salary).....		(12 850)
6. Elwood F. Reber, Professor.....	S-ZAY71	8 730
(Total Salary).....		(12 300)
7. L. E. St. Clair, Professor.....	S-ZAY25	3 375
(Total Salary).....		(13 500)
8. Diego Segre, Professor.....	S-ZAY35	4 020
(Total Salary).....		(11 500)
9. Jesse Sampson, Professor.....	S-ZAY30	3 660
(Total Salary).....		(12 200)
10. Deam H. Ferris, Associate Professor.....	S-ZAY	.....
11. Lyle E. Hanson, Associate Professor.....	S-ZBY85	10 115
(Total Salary).....		(11 900)
12. Manford E. Mansfield, Associate Professor of Veterinary Research and Extension.....	(S-ZAY17	1 840
(Total Salary).....	(L-ZAY66	(6 485)
		(10 000)
13. George T. Woods, Associate Professor.....	S-ZAY60	6 360
(Total Salary).....		(10 600)
14. Jesse R. Pickard, Assistant Professor of Veterinary Extension.....	(E-ZBY20	2 100
(Total Salary).....	(L-ZBY40	(4 200)
		(10 500)
15. Denzil E. Dees, Instructor.....	H-ZDY65	(4 430)
(Total Salary).....		(6 800)
16. Lloyd C. Helper, Instructor.....	S-ZDY30	2 070
(Total Salary).....		(6 950)
17. A. H. Safanie, Instructor.....	S-ZDY10	960
(Total Salary).....		(9 600)
18. John E. Schmidt, Instructor.....	S-DY75	4 600
19. _____, Instructor.....	S-ZDY30	1 920
(Total Salary).....		(6 400)
20. _____, Instructor.....	S-DY	6 500
Nonacademic Salaries.....		5 100
Total, Salaries.....	S	(80 960)
Wages.....	S	2 210
Expense.....	S	24 955
Total, Wages, Expense, and Equipment.....	S	(27 165)
Total, Veterinary Research.....		\$108 125

Cooperative Investigations

U.S. PUBLIC HEALTH SERVICE E790

Account Number 46-15-70-367

1. Wilhelm F. Schaeffler, Instructor..... S-ZDY8 \$ 480
(Total Salary)..... (4 600)

Vocational Agriculture

Account Number 00-15-75-100

1. Melvin Henderson, Professor..... C-AY \$12 750
2. John H. Herbst, Associate Professor..... C-ZAY50 4 700
(Total Salary)..... (9 400)

3. John W. Matthews, Associate Professor	C-ZAY50	5 125
(Total Salary)		(10 250)
(Transferred to Trust)		
4. Herbert J. Rucker, Associate Professor, <i>Emeritus</i>	C-R	.....
5. William H. Witt, Associate Professor	C-AY	10 100
6. Roger L. Courson, Instructor	C-DY	8 200
7. Roland F. Espenschied, Instructor	C-ZDY50	(4 150)
(Total Salary)		(8 300)
Nonacademic Salaries		11 610
<i>Total, Salaries</i>	C	(52 485)
Wages	C	520
Expense	C	5 110
<i>Total, Wages, Expense, and Equipment</i>	C	(5 630)
<i>Total, Vocational Agriculture</i>		\$58 115

Vocational Agriculture Revolving

Account Number 12-15-75-270		
Nonacademic Salaries		\$ 6 930
<i>Total, Salaries</i>		(6 930)
Wages		3 000
Expense		22 000
<i>Total, Wages, Expense, and Equipment</i>		(25 000)
<i>Total, Vocational Agriculture Revolving</i>		\$31 930

Federal Research

Hatch Fund		
Account Number 21-15-00-300		
1. Academic Salaries (see H in departmental budgets)		\$204 850
2. 26.50 Full Time Equivalent Assistants		130 640
Nonacademic Salaries		93 781
<i>Total, Salaries</i>		(429 271)
Wages		60 653
Expense		165 838
Equipment		34 408
<i>Total, Wages, Expense, and Equipment</i>		(260 899)
<i>Total, Hatch Fund</i>		\$690 170

Regional Research Fund

Account Number 23-15-00-300		
1. Academic Salaries (see R in departmental budgets)		\$ 42 235
2. 7.50 Full Time Equivalent Assistants		39 194
Nonacademic Salaries		9 885
<i>Total, Salaries</i>		(91 314)
Wages		25 000
Expense		33 861
Equipment		8 000
<i>Total, Wages, Expense, and Equipment</i>		(66 861)
<i>Total, Regional Research Fund</i>		\$158 175

Agricultural Marketing Act Title II

Account Number 28-15-00-300		
1. Academic Salaries (see T in departmental budgets)		\$ 2 440
2. 0.50 Full Time Equivalent Assistants		2 500
<i>Total, Salaries</i>		(4 940)
Expense		1 210
<i>Total, Wages, Expense, and Equipment</i>		(1 210)
<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)		\$18 785
2. 0.50 Full Time Equivalent Assistants		2 220
<i>Total, Salaries</i>		(21 005)

Expense.....	7 895
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(7 895)</i>
<i>Total, Research and Marketing Fund.....</i>	<i>\$28 900</i>

Smith-Lever Fund

Account Number 36-15-00-400

1. Academic Salaries (see L in departmental budgets).....	\$ 838 230
<i>Total, Salaries.....</i>	<i>(838 230)</i>
Wages.....	15 000
Expense.....	724 753
Equipment.....	4 000
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(743 753)</i>
<i>Total, Smith-Lever Fund.....</i>	<i>\$1 581 983</i>

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

General		Wages, Ex- pense, and Equipment	
<i>Instruction</i>	<i>Salaries</i>		<i>Total</i>
Administration.....	\$ 119 190	\$37 240	\$ 156 430
Accountancy.....	270 030	6 345	276 375
Business Education.....	50 015	3 400	53 415
Business Law.....	53 640	780	54 420
Economics.....	385 200	9 000	394 200
Finance.....	139 850	3 375	143 225
Graduate School of Business Administration..	27 800	3 000	30 800
Management.....	133 430	4 000	137 430
Marketing.....	138 580	3 300	141 880
<i>Total, Instruction.....</i>	<i>(1 317 735)</i>	<i>(70 440)</i>	<i>(1 388 175)</i>
<i>Organized Research</i>			
Bureau of Economic and Business Research..	76 445	19 500	95 945
<i>Extension and Public Services</i>			
Bureau of Business Management.....	60 545	9 400	69 945
<i>Total, General.....</i>	<i>\$1 454 725</i>	<i>\$99 340</i>	<i>\$1 554 065</i>

Restricted		Wages, Ex- pense, and Equipment	
<i>Instruction</i>	<i>Salaries</i>		<i>Total</i>
Executive Development Program Revolving..	.....	\$20 000	\$ 20 000
Commerce Student Placement Revolving.....	.....	1 200	1 200
Estimated Endowment Income.....	\$23 000	3 200	26 200
Estimated Private Gifts.....	5 000	.....	5 000
<i>Total, Instruction.....</i>	<i>(28 000)</i>	<i>(24 400)</i>	<i>(52 400)</i>
<i>Organized Research</i>			
Bureau of Economic and Business Research			
Revolving.....	.....	3 500	3 500
Estimated Private Gifts.....	40 000	24 000	64 000
Estimated U.S. Contracts.....	.....	1 200	1 200
<i>Total, Organized Research.....</i>	<i>(40 000)</i>	<i>(28 700)</i>	<i>(68 700)</i>
<i>Extension and Public Services</i>			
Business Management Revolving.....	1 440	9 000	10 440
<i>Total, Restricted.....</i>	<i>\$69 440</i>	<i>\$62 100</i>	<i>\$131 540</i>

Administration

Account Number 00-17-01-100		
1. Paul M. Green, Dean.....	ZBY	\$ 22 000
2. C. M. Thompson, Dean and Professor of Economics, Emeritus.....	R	.....
3. Dorothy Litherland, Associate Dean.....	ZBY	15 000
4. Robert G. Seymour, Director of Executive Development Center.....	ZBY	13 700

5. John L. Johnson, Director of Placement and Assistant Professor of Business Administration.....	BY	9 700
6. Stanley C. Robinson, Professor of Business Administration.....	ZAY	.....
7. Walter W. McMahon, Assistant Dean.....	ZB33	2 900
(Total Salary)		(8 500)
8. _____ Assistant Dean.....	ZDY70	7 600
(Includes full time in the summer)		
9. George C. Mead, Student Counselor.....	ZDY60	3 600
(Total Salary)		(6 100)
(Includes full time in the summer)		
10. 0.50 Full Time Equivalent Assistants.....	DY	2 900
Nonacademic Salaries		41 790
<i>Total, Salaries</i>		(119 190)
Wages.....		4 000
Expense		15 280
Contingent.....		3 000
Convention Travel		5 000
Nonrecurring Unassigned		(2 000)
Equipment		9 960
<i>Total, Wages, Expense, and Equipment</i>		(37 240)
<i>Total, Administration</i>		\$156 430

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.....	\$ 12 000
Expense	8 000
<i>Total, Executive Development Program Revolving</i> ...	\$ 20 000

Accountancy

Account Number 00-17-05-100

1. C. A. Moyer, Professor and Head of Department.....	A	\$ 16 000
2. Norton M. Bedford, Professor.....	A	14 300
3. Robert I. Dickey, Professor.....	A	14 300
4. Charles H. Griffin, Professor.....	A	10 000
5. Dorothy Litherland, Professor.....	ZAY	.....
6. A. C. Littleton, Professor, <i>Emeritus</i>	R	.....
7. Gaze E. Lukas, Professor.....	A	11 000
8. R. K. Mautz, Professor.....	A	14 300
9. Lloyd Morey, Professor, <i>Emeritus</i>	ZR	.....
10. Hale L. Newcomer, Professor.....	A	12 000
11. Kenneth W. Perry, Professor.....	A	10 300
12. Charles F. Schlatter, Professor, <i>Emeritus</i>	R	.....
13. H. T. Scovill, Professor, <i>Emeritus</i>	R	.....
14. E. L. Theiss, Professor, <i>Emeritus</i>	R	.....
15. William E. Thomas, Jr., Professor.....	A	11 500
16. Nelson D. Wakefield, Professor.....	A	11 000
17. Gerald D. Brighton, Associate Professor.....	A	8 800
18. Edwin J. Demaris, Associate Professor.....	A	8 500
19. Robert E. Schlosser, Associate Professor.....	A	9 200
20. Donald H. Skadden, Associate Professor.....	A	9 600
21. Arthur R. Wyatt, Associate Professor.....	A	9 800
22. Vernon K. Zimmerman, Associate Professor.....	A	9 400
(On leave without pay 1960-61)		
23. C. C. DeLong, Assistant Professor.....	ZDY	.....
24. William L. Ferrara, Assistant Professor.....	B	7 700
25. Philip E. Fess, Assistant Professor.....	B	7 500

26. Hellfried P. Holzer, Assistant Professor.....	B	8 000
(On leave with pay second semester 1960-61)		
27. Wayne M. Higley, Instructor.....	D75	3 450
28. William B. Barrett, Instructor.....	D50	2 400
29. Jack G. Barnhill, Instructor.....	D75	3 500
30. Nancy A. Desmond, Instructor.....	D	4 500
31. James W. Giese, Instructor.....	D	4 700
32. George C. Mead, Instructor.....	ZDY40	2 500
(Total Salary)		(6 100)
33. Thomas Williams, Instructor.....	D50	2 500
34. Huey N. Lunn, Instructor.....	D25	1 200
35. Mervyn W. Wingfield, Instructor.....	D	4 600
36. Cecil E. Worrells, Instructor.....	D75	3 500
37. 6.00 Full Time Equivalent Assistants.....	E	23 300
Nonacademic Salaries		10 680
<i>Total, Salaries</i>		(270 030)
Expense		6 345
<i>Total, Accountancy</i>		\$276 375

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{	\$ 12 000
Professor.....	A{	
3. _____, Instructor	DY	6 000
4. 1.25 Full Time Equivalent Assistants.....	DY	6 800
Nonacademic Salaries		3 000
<i>Total, Salaries</i>		(27 800)
Wages		900
Expense		1 100
Equipment		1 000
<i>Total, Wages, Expense, and Equipment</i>		(3 000)
<i>Total, Graduate School of Business Administration...</i>		\$ 30 800

Business Education

Account Number 00-17-10-100		
1. Arnold C. Condon, Professor and Head of Department	A	\$ 13 000
2. Floyd L. Crank, Associate Professor.....	ZA55	4 125
(Total Salary)		(7 500)
3. Elizabeth R. Melson, Associate Professor.....	A	9 200
4. Mabel R. Hagan, Assistant Professor, <i>Emerita</i>	ZR	.....
5. Ralph E. Mason, Assistant Professor.....	{ZBY50	5 010
(Total Salary)	{ZB50	4 090
(Total Salary)		(9 100)
6. Mildred E. Reed, Assistant Professor.....	B	6 900
7. Anna K. Mahaffey, Assistant.....	E	4 250
8. 0.50 Full Time Equivalent Assistants.....		2 000
Nonacademic Salaries		1 440
<i>Total, Salaries</i>		(50 015)
Expense		3 400
<i>Total, Business Education</i>		\$ 53 415

Business Law

Account Number 00-17-15-100		
1. E. R. Dillavou, Professor and Head of Department...	A84	\$ 14 200
2. C. C. Curtis, Professor, <i>Emeritus</i>	R	.....
3. Paul C. Roberts, Professor.....	A	11 400
4. B. F. Kirkpatrick, Associate Professor.....	A	8 500
5. Robert L. Black, Jr., Assistant Professor.....	B	7 300
6. Robert N. Corley, Assistant Professor.....	B	7 800
7. John B. Hyde, Assistant Professor.....	B37	2 700

Nonacademic Salaries	1 740
<i>Total, Salaries</i>	(53 640)
Expense	780
<i>Total, Business Law</i>	\$ 54 420

Economics**Account Number 00-17-20-100**

1. J. F. Bell, Professor.....	A}	
Chairman of Department.....	B}	\$ 17 500
2. H. K. Allen, Professor.....	A	14 500
3. V Lewis Bassie, Professor.....	ZAY	.....
4. Hans J. Brems, Professor.....	A	13 600
(On leave with pay second semester 1960-61)		
5. Pembroke H. Brown, Professor, <i>Emeritus</i>	R	.....
6. W. Ellison Chalmers, Professor.....	ZAY	.....
7. John F. Due, Professor.....	A	14 000
8. Robert Ferber, Research Professor.....	ZAY	.....
9. Dwight P. Flanders, Professor.....	A	12 700
10. H. M. Gray, Professor.....	A	13 250
11. Robert W. Harbeson, Professor.....	A	11 500
12. Donald L. Kemmerer, Professor.....	A	14 000
13. Simon Litman, Professor, <i>Emeritus</i>	R	.....
14. D. Philip Locklin, McKinley Professor of the Eco- nomics of Public Utilities.....	ZA80	12 000
(Total Salary)		(15 000)
15. E. B. McNatt, Professor.....	A	13 100
16. W. H. McPherson, Professor.....	ZAY	.....
17. W. A. Neiswanger, Professor.....	A	14 200
18. Donald W. Paden, Professor.....	A	11 200
19. John B. Parrish, Professor.....	A	11 800
20. W. C. Robb, Professor, <i>Emeritus</i>	R	.....
21. Grace Beckett, Associate Professor.....	A	8 800
22. Royall Brandis, Associate Professor.....	A	10 000
23. Floyd B. Haworth, Associate Professor, <i>Emeritus</i>	R	.....
24. Donald R. Hodgman, Associate Professor.....	A	10 000
25. C. Clyde Jones, Associate Professor.....	A	8 900
26. George Kleiner, Associate Professor.....	A	9 900
27. Joseph L. McConnell, Associate Professor.....	A	9 800
28. Lewis E. Wagner, Associate Professor.....	AY	11 000
29. Janet Louise Weston, Associate Professor.....	A	7 500
30. Thomas A. Yancey, Associate Professor.....	A	9 000
31. Frederick M. Gottheil, Assistant Professor.....	D	7 300
32. Frederick Kohlmeier, Assistant Professor.....	B	7 600
33. Walter W. McMahon, Assistant Professor.....	ZB67	5 600
(Total Salary)		(8 500)
34. Paul J. Wells, Assistant Professor.....	B	8 300
35. D. H. Hoover, Associate, <i>Emeritus</i>	R	.....
36. John W. Birch, Instructor.....	D	6 750
37. Burnham Campbell, Jr., Instructor.....	D	7 100
38. Robert W. Gillespie, Instructor.....	D	7 250
39. Case M. Sprenkle, Instructor.....	D	7 000
40. Guy A. Schick, Instructor.....	D	6 750
41. Franklin R. Shupp, Instructor.....	D	7 000
42. 10.25 Full Time Equivalent Assistants.....	E	39 800
Nonacademic Salaries		16 500
<i>Total, Salaries</i>		(385 200)
Expense		9 000
<i>Total, Economics</i>		\$394 200

W. B. McKinley Professorship in Public Utility Economics**Account Number 44-17-20-152**

1. D. Philip Locklin, McKinley Professor of the Eco- nomics of Public Utilities.....	ZA20	\$ 3 000
(Total Salary)		(15 000)
<i>Total, W. B. McKinley Economics Professorship in Public Utility</i>		\$ 3 000

Finance**Account Number 00-17-22-100**

1. P. M. Van Arsdell, Professor and Head of Department	A	\$ 16 000
2. Robert O. Harvey, Professor.....	A	11 300
3. Robert W. Mayer, Professor.....	A	12 300
4. Robert I. Mehr, Professor.....	A	13 650
5. R. M. Nolen, Professor.....	A	10 900
(On leave with pay second semester 1960-61)		
6. Richards C. Osborn, Professor.....	A	10 700
(On leave with pay second semester 1960-61)		
7. Robert A. Hedges, Associate Professor.....	A	8 700
8. James W. Leonard, Associate Professor.....	A	9 500
9. T. Emerson Cammack, Assistant Professor.....	B	7 700
10. Robert E. Hill, Assistant Professor.....	B	8 300
11. Paul T. Kinney, Assistant Professor.....	B	8 100
12. _____, Assistant Professor.....	B	7 500
13. _____, Instructor.....	D	4 900
14. 1.00 Full Time Equivalent Assistants.....	E	4 000
Nonacademic Salaries.....		6 300
<i>Total, Salaries</i>		(139 850)
Expense.....		3 375
<i>Total, Finance</i>		\$143 225

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

Management**Account Number 00-17-25-100**

1. Stewart Y. McMullen, Professor.....	AY}	\$ 20 000
Head of Department.....	BY}	
2. A. G. Anderson, Professor, <i>Emeritus</i>	R	.....
3. Leslie A. Bryan, Professor.....	ZAY	.....
4. Paul M. Dauten, Jr., Professor.....	A	9 700
5. M. J. Mandeville, Professor.....	A	13 300
6. Earl G. Planty, Professor.....	A	13 200
7. Irvin L. Heckmann, Jr., Associate Professor.....	A	9 000
8. _____, Associate Professor.....	D	10 000
9. H. M. Edwards, Assistant Professor, <i>Emeritus</i>	ZR	.....
10. Robert Golembiewski, Assistant Professor.....	D	7 000
11. Joseph Litterer, Assistant Professor.....	B	8 000
12. Emanuel C. Salemi, Assistant Professor.....	B	6 800
13. Sherwood Huneryager, Instructor.....	D75	3 600
14. Leslie L. D. Shaffer, Instructor.....	D	6 500
15. Clarence A. Sims, Instructor.....	D	5 800
16. 3.25 Full Time Equivalent Assistants.....	E	12 550
Nonacademic Salaries.....		7 980
<i>Total, Salaries</i>		(133 430)
Expense.....		4 000
<i>Total, Management</i>		\$137 430

Marketing**Account Number 00-17-30-100**

1. H. W. Huegy, Professor and Head of Department....	A	\$ 16 000
2. F. H. Beach, Professor.....	A	12 800
3. P. D. Converse, Professor, <i>Emeritus</i>	R	.....
4. Fred M. Jones, Professor.....	A	11 700

5. Robert V. Mitchell, Professor.....	A	10 800
(On leave with pay second semester 1960-61)		
6. F. A. Russell, Professor, <i>Emeritus</i>	R	.....
7. Hugh G. Wales, Professor.....	A	11 700
8. Nugent Wedding, Professor.....	A	11 000
9. Richard M. Hill, Associate Professor.....	A	8 600
10. Richard D. Millican, Associate Professor.....	A	9 300
11. Donald W. Scotton, Associate Professor.....	A	9 600
12. Lloyd M. DeBoer, Assistant Professor.....	B	8 200
13. Louis D. Volpp, Assistant Professor.....	B	8 100
(On leave without pay 1960-61)		
14. Walter L. Ogilvie, Instructor.....	D	6 000
15. 2.50 Full Time Equivalent Assistants.....	E	10 100
Nonacademic Salaries		4 680
<i>Total, Salaries</i>		(138 580)
Expense		3 300
<i>Total, Marketing</i>		\$141 880

Bureau of Economic and Business Research

Account Number 00-17-35-300

1. V Lewis Bassie, Director.....	ZBY	\$ 15 300
2. Robert Ferber, Research Professor of Economics....	ZAY ₂₅	3 475
(Total Salary)		(13 900)
3. Joseph D. Phillips, Jr., Research Professor.....	AY	11 100
4. Marvin Frankel, Research Associate Professor.....	AY	11 000
5. Ruth A. Birdzell, Research Associate.....	DY ₅₀	3 600
6. 4.67 Full Time Equivalent Assistants.....	DY	21 650
Nonacademic Salaries		10 320
<i>Total, Salaries</i>		(76 445)
Wages		2 000
Expense		17 500
<i>Total, Wages, Expense, and Equipment</i>		(19 500)
<i>Total, Bureau of Economic and Business Research...</i>		\$ 95 945

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

Cooperative Investigations

FORD FOUNDATION — CONSUMER SAVINGS

Account Number 44-17-35-327

1. Robert Ferber, Research Professor of Economics....	ZAY ₇₅	\$ 10 425
(Total Salary)		(13 900)
2. Stanley W. Steinkamp, Research Assistant Professor..	DY	9 000
3. Mathew Hauck, Research Associate.....	DY	6 900
<i>Total, Ford Foundation — Consumer Savings</i>		\$ 26 325

Bureau of Business Management

Account Number 00-17-40-400

1. Irwin A. Cochrun, Director.....	BY}	\$ 12 800
Associate Professor of Business Management.....	AY}	.....
2. Herman S. Hall, Associate Professor, <i>Emeritus</i>	R	.....
3. Robert G. Seymour, Associate Professor of Business Management	ZAY	.....
4. James R. G. Olson, Assistant Professor of Business Management	BY	8 500
5. ———, Assistant Professor of Business Management.....	BY	7 350
6. William D. Boub, Instructor in Business Management	DY	6 500
7. Aline L. Hopkins, Instructor in Business Management	DY	6 500

8. ———, Instructor in Business Management.....	DY	8 400
9. 0.50 Full Time Equivalent Assistants.....	DY	2 425
Nonacademic Salaries		8 070
<i>Total, Salaries</i>		(60 545)
Expense		9 400
<i>Total, Bureau of Business Management</i>		\$ 69 945

Business Management Revolving

Account Number 12-17-40-470

Nonacademic Salaries		1 440
<i>Total, Salaries</i>		(1 440)
Expense		9 000
<i>Total, Business Management Revolving</i>		\$ 10 440

COLLEGE OF EDUCATION**General**

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Administration	\$ 60 570	\$14 700	\$ 75 270
Agricultural Education	63 975	3 200	67 175
Education	602 010	16 000	618 010
Articulation .....	.....	2 250	2 250
Journal of Educational Theory .....	.....	4 000	4 000
Student Teaching .....	.....	46 600	46 600
Home Economics Education	28 140	3 600	31 740
Industrial Education	42 600	7 500	50 100
University Council on Teacher Education			
Administration	28 140	4 510	32 650
Illinois Curriculum Program .....	.....	5 000	5 000
Placement and Follow-Up	53 650	15 020	68 670
Teacher Training Counseling	68 610	200	68 810
<i>Total, Instruction</i>	(947 695)	(122 580)	(1 070 275)
<i>Organized Activities Relating to Instruction</i>			
University High School	171 410	13 300	184 710
<i>Organized Research</i>			
Bureau of Educational Research — General ..	132 110	13 060	145 170
Institute for Research on Exceptional			
Children	61 675	2 650	64 325
<i>Total, Organized Research</i>	(193 785)	(15 710)	(209 495)
<i>Extension and Public Services</i>			
Educational Survey	21 750	1 000	22 750
Bureau of Educational Research—Evaluation	42 280	3 200	45 480
<i>Total, Extension and Public Services</i> ...	(64 030)	(4 200)	(68 230)
<i>Total, General</i>	\$1 376 920	\$155 790	\$1 532 710

Restricted

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Industrial Education Revolving.....	.....	\$ 1 500	\$ 1 500
Teacher Placement and Follow-Up Revolving	.....	4 900	4 900
Estimated U.S. Contracts	\$10 000	12 000	22 000
<i>Total, Instruction</i>	(10 000)	(18 400)	(28 400)
<i>Organized Research</i>			
University High School Mathematics Publi- cations .....	.....	10 000	10 000
Estimated Indirect Costs	3 000	2 000	5 000
Estimated Private Gifts	150 000	50 000	200 000
Estimated U.S. Contracts	35 000	10 000	45 000
<i>Total, Organized Research</i>	(188 000)	(72 000)	(260 000)

Restricted (Continued)

<i>Extension and Public Services</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Educational Surveys Revolving.....	9 120	10 500	19 620
Education Testing Revolving.....	6 480	31 520	38 000
Estimated Private Gifts.....		5 000	5 000
<i>Total, Extension and Public Services...</i>	<i>(15 600)</i>	<i>(47 020)</i>	<i>(62 620)</i>
<i>Total, Restricted.....</i>	<i>\$213 600</i>	<i>\$137 420</i>	<i>\$351 020</i>

Administration

Account Number 00-20-01-100

1. _____, Dean.....	BY}	\$ 20 500
Professor of Education.....	AY}	
2. Charles M. Allen, Acting Dean.....	ZBY}	(1 000)
Professor of Education.....	AY }	
(Total Salary)		(16 000)
3. F. H. Finch, Coordinator of Graduate Study.....	BY}	14 550
Professor of Education.....	AY}	
4. Gilbert C. Finlay, Assistant Dean.....	ZBY 50}	6 500
Professor of Education.....	AY }	
(Total Salary)		(13 000)
(On leave without pay 80 per cent time from June 16, 1960, to June 15, 1961)		
Nonacademic Salaries		19 020
<i>Total, Salaries</i>		<i>(60 570)</i>
Wages.....		600
Expense		3 000
Contingent		5 000
Convention Travel		5 700
Nonrecurring Unassigned		(2 000)
Equipment		400
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(14 700)</i>
<i>Total, Administration</i>		<i>\$ 75 270</i>

Agricultural Education

Account Number 00-20-05-100

1. George P. Deyoe, Professor.....	AY	\$ 13 800
2. H. M. Hamlin, Professor.....	AY	17 650
3. Lloyd J. Phipps, Professor.....	AY	13 200
(On leave with pay six months from August 1, 1960)		
4. Alfred H. Krebs, Associate Professor.....	ZAY 50	5 125
(Total Salary)		(10 250)
5. Paul E. Hemp, Assistant Professor.....	BY	8 450
6. 0.50 Full Time Equivalent Assistants.....	E	2 000
Nonacademic Salaries		3 750
<i>Total, Salaries</i>		<i>(63 975)</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>\$ 67 175</i>

Education

Account Number 00-20-10-100

1. Archibald W. Anderson, Professor.....	A	\$ 10 250
2. Fred P. Barnes, Professor.....	A	10 800
3. Thomas E. Benner, Professor.....	A	12 850
4. G. M. Blair, Professor.....	A	10 150
5. Harry S. Broudy, Professor.....	A	11 600
6. R. Will Burnett, Professor.....	A	11 200
7. A. W. Clevenger, Professor, <i>Emeritus</i>	R	.....
8. John J. DeBoer, Professor.....	A	10 300

9. E. W. Dolch, Professor, <i>Emeritus</i>	R	.....
10. Lawrence A. Fisher, Professor..... (See Chicago)	BY	.....
11. James J. Gallagher, Professor..... (Total Salary)	ZA25	2 560 (10 300)
(On leave with one-half pay 1960-61)		
12. Coleman R. Griffith, Professor.....	A	14 850
13. Norman E. Gronlund, Professor.....	A	9 350
14. Harold C. Hand, Professor.....	A	14 400
15. Kenneth B. Henderson, Professor.....	A	11 450
16. R. Stewart Jones, Professor.....	A	10 450
17. Walter V. Kaulfers, Professor.....	A	9 000
18. G. C. Kettelkamp, Professor.....	AY	11 450
19. Samuel A. Kirk, Professor..... (Total Salary)	ZAY25	4 400 (17 600)
20. Clyde G. Knapp, Professor.....	A	9 400
21. John E. McGill, Professor.....	A	9 500
22. Perry E. Miller, Professor.....	A	13 250
23. Walter J. Moore, Professor.....	A	9 000
24. T. Ernest Newland, Professor.....	A	9 200
25. C. W. Odell, Professor, <i>Emeritus</i>	R	.....
26. Merle M. Ohlsen, Professor.....	A	11 700
27. Robert E. Pingry, Professor..... (Total Salary)	ZA55	5 700 (10 400)
28. Edward F. Potthoff, Professor..... (Total Salary)	ZAY25	3 645 (15 500)
29. C. W. Sanford, Professor.....	ZAY	.....
30. Harold A. Schultz, Professor of Art Education..... (Total Salary)	ZA33	3 850 (11 600)
31. J. H. Shores, Professor.....	A	11 100
32. Ray H. Simpson, Professor..... (On leave with pay first semester 1960-61)	A	11 100
33. Daniel W. Snader, Professor..... (Total Salary)	ZA50	4 200 (8 400)
(On leave without pay for three years from March 1, 1959)		
34. W. O. Stanley, Professor.....	A	11 050
35. Celia B. Stendler, Professor.....	A	10 750
36. J. Myron Atkin, Associate Professor.....	A	10 250
37. Floyd L. Crank, Associate Professor..... (Total Salary)	ZA45	3 375 (7 500)
38. L. B. Fisher, Associate Professor..... (Total Salary)	ZAY50	6 025 (12 050)
39. Herbert Goldstein, Associate Professor..... (Total Salary)	ZA50	4 400 (8 800)
40. W. E. Harnish, Associate Professor, <i>Emeritus</i>	R	.....
41. Ann E. Jewett, Associate Professor..... (Total Salary)	ZA75	6 225 (8 300)
42. Charles E. Johnson, Associate Professor.....	A	8 900
43. Colleen J. Kirk, Associate Professor..... (Total Salary)	ZA50	4 050 (8 100)
44. Kenneth M. Lansing, Associate Professor..... (Total Salary)	ZA50	4 050 (8 100)
45. Lloyd E. McCleary, Associate Professor.....	B	9 000
46. Liesette J. McHarry, Associate Professor, <i>Emerita</i>	R	.....
47. Charles J. McIntyre, Associate Professor.....	ZAY	.....
48. Foster McMurray, Associate Professor.....	A	7 800
49. Lawrence E. Metcalf, Associate Professor..... (On leave with pay first semester 1960-61)	A	9 150
50. Fred C. Proff, Associate Professor.....	A	9 600
51. G. W. Reagan, Associate Professor, <i>Emeritus</i>	R	.....
52. J. Richard Suchman, Associate Professor..... (On leave with pay first semester 1960-61)	A	8 300

53. Joe R. Burnett, Assistant Professor.....	D	7 550
54. Kenneth Burns, Assistant Professor.....	ZB40	2 800
(Total Salary)		(7 000)
55. Orrin E. Gould, Assistant Professor.....	B	7 350
56. Mabel R. Hagan, Assistant Professor, <i>Emerita</i>	ZR	.....
57. Clifford E. Howe, Assistant Professor.....	ZB43	3 185
(Total Salary)		(7 400)
58. Frances L. Johnson, Assistant Professor.....	ZB50	3 000
(Total Salary)		(6 000)
59. Nell C. B. Johnston, Assistant Professor, <i>Emerita</i>	R	.....
60. Theodore Manolakes, Assistant Professor.....	D	7 350
61. F. James Rybak, Head of Student Teaching and As- sistant Professor	BY	9 200
62. Raymond E. Williams, Assistant Professor.....	ZB50	3 575
(Total Salary)		(7 150)
63. _____, Assistant Professor.....	D	7 500
64. _____, Assistant Professor.....	D50	3 200
65. _____, Assistant Professor.....	D	6 500
66. _____, Assistant Professor.....	D	7 350
67. _____, Assistant Professor.....	A	7 100
68. _____, Assistant Professor.....	D	7 000
69. Harry F. Breen, Jr., Instructor.....	ZD50	3 000
(Total Salary)		(6 000)
70. Edward T. O'Meara, Research Assistant.....	ZDY50	2 500
(Total Salary)		(5 000)
71. 11.62 Full Time Equivalent Assistants.....	E	49 880
72. 8.25 Student Teaching Assistants.....	E	39 950
73. 0.50 Full Time Equivalent Assistants.....	DY	2 450
Nonacademic Salaries		41 940
<i>Total, Salaries</i>		(602 010)
Wages.....		4 600
Wages, Student Teaching.....		30 600
Expense, General		10 800
Expense, Student Teaching.....		16 000
Expense, Education Articulation.....		2 250
Expense, Journal of Educational Theory.....		4 000
Equipment		600
<i>Total, Wages, Expense, and Equipment</i>		(68 850)
<i>Total, Education</i>		\$670 860

Cooperative Investigations

U.S. OFFICE OF VOCATIONAL REHABILITATION G-5

Account Number 46-20-10-116

1. Cecil H. Patterson, Professor.....	DY	\$ 13 150
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Home Economics Education

Account Number 00-20-15-100

1. Letitia E. Walsh, Professor.....	A	\$ 10 300
2. Mary E. Mather, Associate Professor.....	ZA80	6 040
(Total Salary)		(7 550)
3. Elizabeth J. Simpson, Associate Professor.....	A	8 350
4. 0.75 Full Time Equivalent Assistants.....	E	3 450
<i>Total, Salaries</i>		(28 140)
Wages		2 200
Expense		1 300
Equipment		100
<i>Total, Wages, Expense, and Equipment</i>		(3 600)
<i>Total, Home Economics Education</i>		\$ 31 740

Industrial Education

Account Number 00-20-20-100

1. Rupert N. Evans, Professor.....	A	\$ 11 900
2. A. B. Mays, Professor, <i>Emeritus</i>	R	.....

3. A. F. Dodge, Professor, <i>Emeritus</i>	R	.....
4. Donald G. Lux, Associate Professor.....	ZD80	7 750
(Total Salary)		(9 150)
5. Charles B. Porter, Associate Professor.....	A	7 950
6. Robert A. Tinkham, Associate Professor.....	A	8 000
7. _____, Assistant Professor.....	B	7 000
<i>Total, Salaries</i>		(42 600)
Wages		1 800
Expense		5 500
Equipment		200
<i>Total, Wages, Expense, and Equipment</i>		(7 500)
<i>Total, Industrial Education</i>		\$ 50 100

Industrial Education Revolving

Account Number 12-20-20-100

Expense	\$ 1 500
<i>Total, Industrial Education Revolving</i>	\$ 1 500

University Council on Teacher Education**Administration**

Account Number 00-20-25-100

1. Charles M. Allen, Coordinator.....	ZBY	\$ 15 000
(Total Salary)		(16 000)
Nonacademic Salaries		13 140
<i>Total, Salaries</i>		(28 140)
Wages		1 410
Expense		2 450
Expense, Illinois Curriculum Program.....		5 000
Equipment		650
<i>Total, Wages, Expense, and Equipment</i>		(9 510)
<i>Total, Administration</i>		\$ 37 650

Placement and Follow-Up

Account Number 00-20-30-100

1. J. Marlowe Slater, Head of Teacher Placement.....	BY}	\$ 12 150
Associate Professor	AY}	
2. M. Dale Baughman, Assistant Professor.....	DY	9 150
3. 1.50 Full Time Equivalent Assistants.....	DY	7 350
Nonacademic Salaries		25 000
<i>Total, Salaries</i>		(53 650)
Wages		1 620
Expense		12 900
Equipment		500
<i>Total, Wages, Expense, and Equipment</i>		(15 020)
<i>Total, Placement and Follow-Up</i>		\$ 68 670

TEACHER PLACEMENT AND FOLLOW-UP REVOLVING

Account Number 12-20-30-170

Expense	\$ 4 900
<i>Total, Teacher Placement and Follow-Up Revolving</i> ..	\$ 4 900

Teacher Training Counseling

Account Number 00-20-35-100

1. Gilbert C. Finlay, Head of Counseling Service.....	ZBY50	\$ 6 500
(Total Salary)		(13 000)
(On leave without pay 80 per cent time from June 16, 1960, to June 15, 1961)		
2. Julius N. Hook, Counselor.....	ZD45	5 400
(Total Salary)		(12 000)
3. John J. O'Neill, Counselor.....	ZD20	2 100
(Total Salary)		(13 000)
4. Harold A. Schultz, Counselor.....	ZD17	1 950
(Total Salary)		(11 600)

5. Wilson N. Stewart, Counselor.....	ZD19	2 330
(Total Salary)		(12 300)
6. Velma K. Wilson, Counselor.....	ZD33	3 230
(Total Salary)		(9 750)
7. Joseph S. Flores, Counselor.....	ZD17	1 600
(Total Salary)		(9 400)
8. Colleen J. Kirk, Counselor.....	ZD17	1 350
(Total Salary)		(8 100)
9. Alfred H. Krebs, Counselor.....	ZDY50	5 125
(Total Salary)		(10 250)
10. Donald G. Lux, Counselor.....	ZD20	1 400
(Total Salary)		(9 150)
11. Mary E. Mather, Counselor.....	ZD20	1 510
(Total Salary)		(7 550)
12. Kenneth Burns, Counselor.....	ZD15	1 050
(Total Salary)		(7 000)
13. Phyllis Jo Hill, Counselor.....	ZD20	1 250
(Total Salary)		(6 250)
14. Warren J. Huffman, Counselor.....	ZD50	4 500
(Total Salary)		(9 000)
15. J. William Peters, Counselor.....	ZD20	1 760
(Total Salary)		(8 800)
16. Enid Schnauber, Counselor.....	ZD20	1 390
(Total Salary)		(6 950)
17. Mary Lucille Shay, Counselor.....	ZD50	3 950
(Total Salary)		(7 900)
18. James R. Squire, Counselor.....	ZB16	1 200
(Total Salary)		(3 600)
19. Raymond E. Williams, Counselor.....	ZD17	1 200
(Total Salary)		(7 150)
20. Marilyn R. Pflederer, Counselor.....	ZD17	1 050
(Total Salary)		(6 200)
21. Marjorie A. Souder, Counselor.....	ZD10	565
(Total Salary)		(5 650)
22. Edward H. Heath, Counselor.....	ZD50	2 850
(Total Salary)		(5 700)
23. 2.00 Full Time Equivalent Assistants.....	E	8 000
24. 1.50 Full Time Equivalent Assistants.....	DY	7 350
Total, Salaries		(68 610)
Wages.....		100
Expense.....		100
Total, Wages, Expense, and Equipment.....		(200)
Total, Teacher Training Counseling.....		\$ 68 810

University High School

Account Number 00-20-45-200

1. David M. Jackson, Principal.....	BY}	\$ 12 800
Associate Professor of Education.....	AY}	
2. Max Beberman, Professor of Education.....	ZA85	11 210
(Total Salary)		(13 100)
3. Pauline E. Changnon, Associate Professor of Education.....	A	7 600
4. Ella Leppert, Associate Professor of Education.....	A	9 250
5. David A. Page, Associate Professor of Education.....	{ZAY72	(8 600)
(Total Salary)	{ZAY16	1 900
6. W. L. Shoemaker, Assistant Professor of Education..	B	(12 000)
7. ———, Assistant Professor of Education.....	B	7 250
8. Roger K. Brown, Instructor in Education.....	D	7 500
9. Warren H. Schuetz, Instructor in Education.....	D	8 600
10. Paul Westmeyer, Instructor in Education.....	D	6 400
11. Frances D. Wilson, Instructor in Education, <i>Emerita</i> ..	R	6 500
12. ———, Instructor in Library Administration....	DY	.....
13. Robert G. Carlier, Assistant in Education.....	E	.....
14. George J. Drew, Assistant in Education.....	E	5 600
		5 200

15. Erica R. Fosdick, Assistant in Education.....	E	5 500
16. William T. Hale, Assistant in Education.....	ZE82	5 950
(Total Salary)		(7 200)
17. Robert D. Richey, Assistant in Education.....	E	5 400
18. Beecham R. Robinson, Assistant in Education.....	E	5 000
19. Helen L. Stevens, Assistant in Education.....	E	5 500
20. _____, Assistant in Education.....	E	5 000
21. _____, Assistant in Education.....	E	5 000
22. _____, Assistant in Education.....	E	5 800
23. _____, Assistant in Education.....	E	5 000
24. 4.00 Full Time Equivalent Assistants.....	E	20 340
Nonacademic Salaries		13 110
Total, Salaries		(171 410)
Wages.....		1 300
Expense		9 500
Equipment		2 500
Total, Wages, Expense, and Equipment.....		(13 300)
Total, University High School.....		\$184 710

University High School — Mathematics Publications Revolving

Account Number 12-20-45-386	
Expense	\$ 10 000
Total, University High School — Mathematics Publications Revolving	\$ 10 000

Cooperative Investigations

CARNEGIE INSTITUTE — COOPERATIVE PROGRAMS IN ARITHMETIC

Account Number 44-20-45-310			
1. David A. Page, Associate Professor of Education....	ZAY12	\$	1 500
(Total Salary)			(12 000)
2. Harlan G. H. Bartram, Research Assistant Professor of Education	D		7 950
3. Nina M. Steefel, Research Associate in Education....	D		5 100
<i>Total, Carnegie Institute — Cooperative Programs in Arithmetic</i>		\$	14 550

CARNEGIE INSTITUTE — COOPERATIVE PROGRAMS IN MATHEMATICS

Account Number 44-20-45-312		
1. Max Beberman, Professor of Education.....	ZA15	\$ 1 890
(Total Salary)		(13 100)
2. M. Eleanor McCoy, Research Assistant Professor of Education.....	DY	11 500
3. F. Mae Blair, Research Associate in Education.....	D75	5 000
4. Martin S. Wolfe, Research Associate in Education....	D75	4 125
5. William T. Hale, Assistant in Education.....	ZE18	1 250
(Total Salary)		(7 200)
Total, Carnegie Institute — Cooperative Programs in Mathematics		\$ 23 765

NATIONAL EDUCATIONAL TELEVISION AND RADIO CENTER — MATHEMATICS STUDY

Account Number 44-20-45-321		
1. Gertrude Hendrix, Research Assistant Professor of Education.....	BY	\$ 13 000
2. Charles Van Horn, Research Associate in Education..	DY	10 000
<i>Total, National Educational Television and Radio Center — Mathematics Study</i>		<u>\$ 23 000</u>

Bureau of Educational Research

General

Account Number 00-20-50-300		
1. William P. McLure, Director.....	BY	\$ 14 300
Professor of Education.....	AY	
2. David P. Ausubel, Professor of Education.....	AY	13 450

3. Lee J. Cronbach, Professor of Education.....	ZAY	19 400
(On leave with pay first semester 1960-61 and with-		
out pay second semester 1960-61)		
4. Nathaniel L. Gage, Professor of Education.....	AY	14 350
(On leave with pay first semester 1960-61)		
5. M. Ray Karnes, Professor of Education.....	AY	15 450
6. W. S. Monroe, Distinguished Professor of Education,		
<i>Emeritus</i>	R	.....
7. B. Othanel Smith, Professor of Education.....	A	14 100
8. Henry F. Kaiser, Associate Professor of Education...	AY	10 850
9. 3.00 Full Time Equivalent Assistants.....	DY	14 700
Nonacademic Salaries		15 510
<i>Total, Salaries</i>		(132 110)
Wages.....		4 700
Expense		8 260
Equipment		100
<i>Total, Wages, Expense, and Equipment</i>		(13 060)
<i>Total, Bureau of Educational Research — General</i>		\$145 170

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 \$ 7 600

U.S. PUBLIC HEALTH SERVICE M1837

Account Number 46-20-50-367

1. Goldine C. Gleser, Research Associate Professor of Education..... DY25 \$ 2 800

Evaluation

Account Number 00-20-60-400

1. J. Thomas Hastings, University Examiner, Technical		
Director of Evaluation Unit, and Professor of Edu-		
cation	AY	\$ 14 550
2. Philip J. Runkel, Associate Professor.....	AY	11 150
3. 1.00 Full Time Equivalent Assistants.....	DY	4 900
Nonacademic Salaries		11 680
<i>Total, Salaries</i>		(42 280)
Wages.....		700
Expense		2 400
Equipment		100
<i>Total, Wages, Expense, and Equipment</i>		(3 200)
<i>Total, Evaluation</i>		\$ 45 480

Educational Testing Revolving

Account Number 12-20-60-482

Nonacademic Salaries		\$ 6 480
<i>Total, Salaries</i>		(6 480)
Wages.....		10 520
Expense		21 000
<i>Total, Wages, Expense, and Equipment</i>		(31 520)
<i>Total, Educational Testing Revolving</i>		\$ 38 000

Educational Surveys

Account Number 00-20-55-400

1. M. R. Sumption, Director.....	BY}	\$ 12 750
Professor of Education.....	AY}	
2. Basil Castaldi, Associate Professor of Education....	A	9 000
<i>Total, Salaries</i>		(21 750)
Expense		1 000
<i>Total, Wages, Expense, and Equipment</i>		(1 000)
<i>Total, Educational Surveys</i>		\$ 22 750

Educational Surveys Revolving

Account Number 12-20-55-478

1. 1.50 Full Time Equivalent Assistants.....	DY	\$ 6 600
Nonacademic Salaries		2 520
<i>Total, Salaries</i>		(9 120)
Wages.....		1 500
Expense		9 000
<i>Total, Wages, Expense, and Equipment</i>		(10 500)
<i>Total, Educational Surveys Revolving</i>		\$ 19 620

Institute for Research on Exceptional Children

Account Number 00-20-70-300

1. Samuel A. Kirk, Director.....	ZBY75	\$ 13 200
(Total Salary)		(17 600)
2. James J. Gallagher, Professor.....	ZA75	7 740
(Total Salary)		(10 300)
(On leave with one-half pay 1960-61)		
3. Lawrence M. Stolurow, Professor.....	ZA50	5 000
(Total Salary)		(10 000)
4. Bernard Farber, Associate Professor.....	ZAY60	6 000
(Total Salary)		(10 000)
5. Herbert Goldstein, Associate Professor.....	ZA50	4 400
(Total Salary)		(8 800)
6. Kenneth R. Mangan, Associate Professor of Education A		8 500
7. Clifford E. Howe, Assistant Professor.....	ZB57	4 215
(Total Salary)		(7 400)
8. 2.00 Full Time Equivalent Research Assistants.....	DY	8 000
Nonacademic Salaries		4 620
<i>Total, Salaries</i>		(61 675)
Wages.....		600
Expense		2 050
<i>Total, Wages, Expense, and Equipment</i>		(2 650)
<i>Total, Institute for Research on Exceptional Children</i>		\$ 64 325

Cooperative Investigations

CEREBRAL PALSY ASSOCIATION — LANGUAGE OF PRE-SCHOOL

Account Number 44-20-70-312

1. James J. McCarthy, Research Assistant Professor.....	BY	\$ 9 500
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U.S. OFFICE OF EDUCATION SAE 8204

Account Number 46-20-70-316

1. Laura Jordan, Research Associate.....	DY	\$ 7 900
2. Joseph H. Meyerowitz, Research Associate.....	DY	6 800
<i>Total, U.S. Office of Education SAE 8204</i>		\$ 14 700

U.S. PUBLIC HEALTH SERVICE M3207

Account Number 46-20-70-364

1. William C. Jenne, Research Associate.....	DY	\$ 6 600
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COLLEGE OF ENGINEERING**General**

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
Administration.....	\$ 67 000	\$26 550	\$ 93 550
Contingent.....		15 000	15 000
Lectures.....		2 400	2 400
Aeronautical Engineering.....	181 710	22 600	204 310
Ceramic Engineering.....	96 500	18 850	115 350
Civil Engineering.....	427 780	21 900	449 680
Electrical Engineering.....	710 507	57 300	767 807
General Engineering.....	226 520	17 800	244 320
Mechanical and Industrial Engineering.....	590 740	43 600	634 340
Mining and Metallurgical Engineering.....	178 240	13 320	191 560
Nuclear Engineering.....	22 100	15 100	37 200

General (Continued)

	Salaries	Wages, Ex- pense, and Equipment	Total
Physics.....	661 615	38 400	700 015
Theoretical and Applied Mechanics.....	338 370	17 860	356 230
<i>Total, Instruction</i>	(3 501 082)	(310 680)	(3 811 762)
<i>Organized Research</i>			
Administration.....	136 420	15 200	151 620
Publications.....	.....	10 500	10 500
Aeronautical Engineering.....	11 400	.....	11 400
Ceramic Engineering.....	11 750	1 650	13 400
Chemical Engineering.....	30 520	4 300	34 820
Civil Engineering.....	154 480	18 600	173 080
Electrical Engineering.....	50 500	.....	50 500
Ultrasound in Biology.....	35 950	4 700	40 650
Measurement Program.....	62 400	10 300	72 700
Mechanical and Industrial Engineering.....	45 326	6 600	51 926
Mining and Metallurgical Engineering.....	59 980	12 700	72 680
Physics.....	.....	17 100	17 100
Physics Betatron.....	133 150	31 700	164 850
Theoretical and Applied Mechanics.....	89 990	12 220	102 210
<i>Total, Organized Research</i>	(821 866)	(145 570)	(967 436)
<i>Total, General</i>	\$4 322 948	\$456 250	\$4 779 198

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 U.S. Contracts.....	75 000	40 000	115 000
<i>Total, Instruction</i>	(75 000)	(46 000)	(121 000)
<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.....	.....	12 000	12 000
Electrical Engineering Network Analyzer			
Revolving.....	.....	100	100
Theoretical and Applied Mechanics Testing			
Revolving.....	.....	14 000	14 000
Estimated Indirect Costs.....	150 000	100 000	250 000
Estimated Private Gifts.....	200 000	125 000	325 000
Estimated U.S. Contracts.....	2 500 000	1 750 000	4 250 000
<i>Total, Organized Research</i>	(2 850 000)	(2 004 600)	(4 854 600)
<i>Auxiliary Enterprises</i>			
Camp Rabideau Operations.....	.....	10 000	10 000
<i>Total, Restricted</i>	\$2 925 000	\$2 060 600	\$4 985 600

Administration

Account Number 00-22-01-100; College 00-22-01-100; Station 00-22-01-300		
1. W. L. Everitt, Dean.....	C-ZBY	\$23 000
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	18 500
4. Stanley H. Pierce, Associate Dean.....	C-ZBY	18 500
5. Howard L. Wakeland, Assistant Dean.....	C-ZBY	10 000
6. David R. Opperman, Assistant Dean.....	C-ZBY	9 000
7. Edwin McClintock, Jr., Editor and Director of Engineering Information and Publications.....	S-ZBY	13 000
8. Elmer F. Heater, Research Associate Professor, <i>Emeritus</i>	S-R	.....

9. Paul T. Bryant, Assistant Editor with rank of Instructor	S-ZDY50	4 750
(Total Salary).....		(9 500)
10. Ross A. Kingery, Assistant Editor.....	C-DY	6 500
11. 6.00 Full Time Equivalent Research Assistants.....	S-E	24 600
12. 0.50 Editorial Assistants.....	S-E	2 000
Nonacademic Salaries.....	S	51 060
Nonacademic Salaries.....	S	22 510
<i>Total, Salaries</i>	C	(203 420)
Wages.....	C	2 750
Wages.....	S	5 900
Expense.....	C	8 300
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	(69 650)
<i>Total, Administration</i>		\$273 070

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	\$ 9 000
(Total Salary).....		(12 000)
2. Jimmy W. Seyler, Assistant Editor with rank of Assistant Professor.....	ZDY50	3 900
3. Paul T. Bryant, Assistant Editor with rank of Instructor	E-ZDY50	4 750
<i>Total, American Society for Engineering Education Secretary</i>		\$17 650

Aeronautical 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	\$ 17 500
2. John M. Coan, Jr., Professor.....	C-A	10 300
3. Bruce L. Hicks, Professor.....	C-ZAY55	8 250
(Total Salary).....		(15 000)
4. Harry H. Hilton, Professor.....	C-A	12 000
5. M. Z. Krzywoblocki, Professor.....	C-A	9 000
6. Robert W. McCloy, Professor.....	C-A	12 500
7. _____, Professor.....	C-D	11 000
8. Allen I. Ormsbee, Professor.....	C-A	11 500
9. Harold O. Barthel, Research Associate Professor.....	S-A	9 400
10. Shee Mang Yen, Associate Professor.....	C-A	9 500
11. _____, Associate Professor.....	C-A	9 000

12. Joseph Goldberg, Assistant Professor.....	C-D	8 500
13. Edward A. Stannard, Instructor.....	C-D	7 400
14. 2.75 Full Time Equivalent Assistants.....	C-E	11 520
15. 0.50 Full Time Equivalent Research Assistants.....	S-E	2 000
Nonacademic Salaries.....	C	43 740
<i>Total, Salaries.....</i>	C	(193 110)
Wages.....	C	4 800
Expense.....	C	10 300
Equipment.....	C	7 500
<i>Total, Wages, Expense, and Equipment.....</i>	C	(22 600)
<i>Total, Aeronautical Engineering.....</i>		\$215 710

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	\$ 16 500
2. Alfred W. Allen, Professor.....	C-A	11 100
3. R. L. Cook, Professor.....	C-A	12 700
4. A. L. Friedberg, Professor.....	S-A	11 750
5. F. V. Tooley, Professor of Glass Technology.....	C-A	9 000
6. Robert J. Beals, Associate Professor.....	C-A	8 500
7. W. H. Heini Granicher, Associate Professor.....	C-ZD50	4 500
(Total Salary).....		(9 000)
8. James A. Nelson, Associate Professor.....	C-A	9 500
9. 1.00 Full Time Equivalent Assistants.....	C-E	4 000
Nonacademic Salaries.....	C	20 700
<i>Total, Salaries.....</i>	C	(108 250)
Wages.....	C	850
Wages.....	S	150
Expense.....	C	16 000
Expense.....	S	1 000
Equipment.....	C	2 000
Equipment.....	S	500
<i>Total, Wages, Expense, and Equipment.....</i>	C	(20 500)
<i>Total, Ceramic Engineering.....</i>		\$128 750

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
2. Richard J. Herbst, Research Associate.....	S-DY	7 200
<i>Total, Bendix Aviation — Cerametallic.....</i>		\$16 200

GRIFFIN WHEEL COMPANY — STEEL CASTING REFRACTORIES

Account Number 44-22-10-332

1. Tracy A. Willmore, Research Associate Professor.....	S-AY	\$ 9 150
2. Philip D. Zimmerman, Research Assistant.....	S-DY	6 000
<i>Total, Griffin Wheel Company — Steel Casting Refractories.....</i>		\$15 150

U.S. AIR FORCE 5734

Account Number 46-22-10-308

1. Victor J. Tennery, Research Assistant Professor.....	S-DY	\$ 9 500
2. Clifton G. Bergeron, Research Associate.....	S-DY	9 500
<i>Total, U.S. Air Force 5734.....</i>		\$19 000

U.S. AIR FORCE 6192

Account Number 46-22-10-310

1. Dwight G. Bennett, Research Professor.....	S-ZDY40	\$ 5 400
(Total Salary).....		(13 500)
2. Julian H. Lauchner, Research Associate Professor.....	S-ZDY40	4 320
(Total Salary).....		(10 800)

3. Henry G. Lefort, Jr., Research Associate.....	S-DY	8 500
4. Hubert R. Thornton, Research Associate.....	S-DY50	3 400
<i>Total, U.S. Air Force 6192.....</i>		<u>\$21 620</u>

U.S. AIR FORCE 6283

Account Number 46-22-10-311

1. Dwight G. Bennett, Research Professor.....	S-ZDY20	\$ 2 700
2. Julian H. Lauchner, Research Associate Professor.....	S-DY20	2 160
<i>Total, U.S. Air Force 6283.....</i>		<u>\$ 4 860</u>

U.S. AIR FORCE 7032

Account Number 46-22-10-312

1. Dwight G. Bennett, Research Professor.....	S-ZDY40	\$ 5 400
2. Julian H. Lauchner, Research Associate Professor.....	S-ZDY40	4 320
<i>Total, U.S. Air Force 7032.....</i>		<u>\$ 9 720</u>

Chemical Engineering

Account Number 00-22-15-300

1. Max S. Peters, Professor.....	S-ZA43	\$ 6 020
(Total Salary).....		(14 000)
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	11 500
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	6 000
<i>Total, Salaries.....</i>		(30 520)
Wages.....	S	1 000
Expense.....	S	1 600
Equipment.....	S	1 700
<i>Total, Wages, Expense, and Equipment.....</i>		(4 300)
<i>Total, Chemical Engineering.....</i>		<u>\$34 820</u>

Cooperative Investigations

U.S. ATOMIC ENERGY COMMISSION PROJECT 5

Account Number 46-22-15-308

1. Shigeru Minomura, Research Associate.....	S-DY	\$ 6 400
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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	\$20 500
2. J. W. Briscoe, Professor and Associate Head of Department.....	C-A	11 500
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	7 520
(Total Salary).....		(9 400)
6. E. E. Bauer, Professor.....	C-A	9 300
7. Ven Te Chow, Professor of Hydraulic Engineering.....	{C-ZA40	4 240
	{S-ZA30	3 180
(Total Salary).....		(10 600)
8. Ellis Danner, Professor of Highway Engineering.....	C-A	13 500
9. Don U. Deere, Professor.....	C-ZA67	7 675
(Total Salary).....		(11 500)
10. G. H. Dell, Professor.....	C-A	10 000
11. J. J. Doland, Professor, <i>Emeritus</i>	C-R	.....
12. Richard Engelbrecht, Professor of Sanitary Engineering.....	S-A	10 000
13. Edwin H. Gaylord, Jr., Professor.....	C-A	13 500
14. William J. Hall, Professor.....	C-A	10 600
15. John D. Haltiwanger, Professor.....	C-A	10 100
16. William W. Hay, Professor of Railway Civil Engineering.....	C-A	10 000

17. W. C. Huntington, Professor, <i>Emeritus</i>	C-R	.....
18. Herbert O. Ireland, Professor.....	C-ZA50	5 000
(Total Salary).....		(10 000)
19. Narbey Khachatourian, Professor.....	C-A	9 000
20. E. E. King, Professor, <i>Emeritus</i>	C-R	.....
21. Murray B. McPherson, Professor of Hydraulic Engineering.....	C-A	10 500
22. William H. Munse, Professor.....	{C-A32 S-A68	4 160 8 840
(Total Salary).....		(13 000)
23. William A. Oliver, Professor.....	C-A	11 400
24. Ralph B. Peck, Professor of Foundation Engineering.....	{C-A50 S-A50	8 500 8 500
(Total Salary).....		(17 000)
25. W. H. Rayner, Professor, <i>Emeritus</i>	C-R	.....
26. Milton O. Schmidt, Professor.....	C-A	10 400
27. Chester P. Siess, Professor.....	{C-A50 S-A50	6 500 6 500
(Total Salary).....		(13 000)
28. James E. Stallmeyer, Professor.....	{C-A50 S-A50	4 750 4 750
(Total Salary).....		(9 500)
29. T. H. Thornburn, Professor.....	{C-ZA50 S-ZA25	5 600 2 800
(Total Salary).....		(11 200)
(On leave with pay first semester 1960-61)		
30. Anestis S. Veletsos, Professor.....	S-A	10 100
31. C. C. Wiley, Professor, <i>Emeritus</i>	C-R	.....
32. ———, Professor.....	C-A	14 700
33. Winfield H. Eldridge, Associate Professor.....	C-A	7 500
34. Ben B. Ewing, Associate Professor of Sanitary Engineering.....	C-A	9 000
35. John C. Guillou, Associate Professor of Hydraulic Engineering.....	{C-A50 S-A50	4 500 4 500
(Total Salary).....		(9 000)
36. John G. Hammer, Associate Professor.....	C-ZA50	4 500
(Total Salary).....		(9 000)
37. Moreland Herrin, Associate Professor.....	C-A	9 000
38. George W. Hollon, Associate Professor.....	{C-A50 S-A50	4 000 4 000
(Total Salary).....		(8 000)
39. Eugene Y. Huang, Associate Professor.....	C-ZA25	1 950
(Total Salary).....		(7 800)
40. Vincent J. McDonald, Associate Professor.....	{C-ZA50 S-ZA25	4 200 2 100
(Total Salary).....		(8 400)
41. J. L. Merritt, Associate Professor.....	S-ZA50	4 100
(Total Salary).....		(8 200)
42. Robert J. Mosborg, Associate Professor.....	C-A	8 800
43. Arthur R. Robinson, Associate Professor.....	{C-B50 S-B50	4 500 4 500
(Total Salary).....		(9 000)
44. George K. Sinnamon, Associate Professor.....	S-ZA50	4 400
(Total Salary).....		(8 800)
45. Mete Avni Sozen, Associate Professor.....	C-ZA50	4 250
(Total Salary).....		(8 500)
46. ———, Associate Professor.....	C-A	8 500
47. ———, Associate Professor.....	S-A50	5 000
48. Eugene Chesson, Jr., Assistant Professor.....	S-ZB50	3 900
(Total Salary).....		(7 800)
49. Arthur Feldman, Assistant Professor.....	C-ZB50	3 600
(Total Salary).....		(7 200)
50. Anthony F. Gaudy, Jr., Assistant Professor of Sanitary Engineering.....	C-B	7 200
51. Houssam M. Karara, Assistant Professor.....	C-B	7 200

52. George F. McDonough, Assistant Professor.....	S-ZB50	3 600
(Total Salary).....		(7 200)
53. Melvin T. Davison, Instructor.....	C-ZD50	2 800
(Total Salary).....		(5 600)
54. Maurice G. Porter, Assistant Professor.....	C-B50	3 500
55. Jimmy W. Seyler, Assistant Professor.....	C-ZB50	3 900
(Total Salary).....		(7 800)
56. Samuel Sutcliffe, Assistant Professor.....	C-B	7 500
57. Joseph P. Murtha, Research Associate.....	S-ZD50	3 300
(Total Salary).....		(6 600)
58. David C. N. Robb, Research Associate.....	C-ZD75	4 200
(Total Salary).....		(5 600)
59. Wallace Sanders, Jr., Research Associate.....	C-ZD50	3 000
(Total Salary).....		(6 000)
60. Raymond E. Untrauer, Research Associate.....	C-ZD50	3 700
(Total Salary).....		(7 400)
61. Steven J. Fenves, Instructor.....	C-ZD50	3 600
(Total Salary).....		(7 200)
62. Gordon Gracie, Instructor.....	C-D	6 300
63. John W. Hutchinson, Instructor.....	C-ZD75	5 625
(Total Salary).....		(7 500)
64. John H. Lamb, Jr., Instructor.....	S-ZD50	2 950
(Total Salary).....		(5 900)
65. James J. Morgan, Instructor.....	C-D	6 900
66. Roy E. Olson, Instructor.....	ZD50	3 000
(Total Salary).....		(6 000)
67. Louis R. Shaffer, Instructor.....	C-D	6 600
68. G. E. Triandafilidis, Instructor.....	C-ZD33	2 080
(Total Salary).....		(6 300)
69. Richard N. Wright III, Instructor.....	S-ZD50	3 300
(Total Salary).....		(6 600)
70. ———, Instructor.....	C-D50	3 600
71. ———, Instructor.....	C-D	5 500
72. Henry Malter, Lecturer.....	C-D	10 000
73. Karl Terzaghi, Lecturer and Consultant.....	C-DY15	1 500
74. Stanley D. Wilson, Visiting Lecturer in Soil Mechanics..	C-DY5	500
75. 2.50 Full Time Equivalent Research Assistants.....	S-E	10 300
Nonacademic Salaries.....	C	36 330
Nonacademic Salaries.....	S	43 860
<i>Total, Salaries</i>	C	(582 260)
Wages.....	C	4 100
Wages.....	S	4 300
Expense.....	C	13 000
Expense.....	S	11 100
Equipment.....	C	4 800
Equipment.....	S	3 200
<i>Total, Wages, Expense, and Equipment</i>	C	(40 500)
<i>Total, Civil Engineering</i>		\$622 760

Civil Engineering Earth Testing Revolving

Account Number 12-22-20-322

Expense.....	S	\$ 1 300
<i>Total, Civil Engineering Earth Testing Revolving</i>		\$ 1 300

Civil Engineering Testing Revolving

Account Number 12-22-20-384

Expense.....	S	\$12 000
<i>Total, Civil Engineering Testing Revolving</i>		\$12 000

Auxiliary — Camp Rabideau Operation

Account Number 18-22-20-782

Expense.....	C	\$10 000
<i>Total, Auxiliary — Camp Rabideau Operation</i>		\$10 000

Cooperative Investigations**ASSOCIATION OF AMERICAN RAILROADS — FILTER MATERIALS**

Account Number 44-22-20-304

1. David C. N. Robb, Research Associate..... S-ZD25 \$ 1 400

CATERPILLAR TRACTOR COMPANY — U-SHAPED MEMBERS

Account Number 44-22-20-310

1. Alfredo Ang, Assistant Professor..... S-ZB50 \$ 3 600

CITIES SERVICE, INC. — PROPERTIES OF SAND

Account Number 44-22-20-314

1. Melvin T. Davisson, Instructor..... S-ZD50 \$ 2 800

PORTLAND CEMENT ASSOCIATION — BEAM COLUMN CONNECTIONS

Account Number 44-22-20-367

1. Arthur Feldman, Assistant Professor..... S-ZB50 \$ 3 600

U.S. AIR FORCE 2591

Account Number 46-22-20-305

1. Richard L. Jennings, Research Associate..... S-D \$ 6 100

U.S. AIR FORCE 2151

Account Number 46-22-20-317

1. J. L. Merritt, Associate Professor..... S-ZA50 \$ 4 100

2. Louis H. Klotz, Research Associate..... S-D 6 300

3. Stanley L. Paul, Instructor..... S-D 6 400

Total, U.S. Air Force 2151..... \$16 800**U.S. AIR FORCE 2372**

Account Number 46-22-20-318

1. William Egger, Jr., Research Associate..... S-ZD50 \$ 3 350
(Total Salary)..... (6 700)

2. Raymond E. Untrauer, Research Associate..... S-ZD50 3 700

Total, U.S. Air Force 2372..... \$ 7 050**U.S. AIR FORCE 2390**

Account Number 46-22-20-319

1. John G. Hammer, Associate Professor..... S-ZA50 \$ 4 500

2. John T. Hanley, Research Associate..... S-D 7 200

3. John W. Melin, Research Associate..... S-D 7 000

4. William C. Schnobrich, Research Associate..... S-D 7 000

Total, U.S. Air Force 2390..... \$25 700**U.S. ARMY ENGINEERS 240**

Account Number 46-22-20-326

1. Herbert O. Ireland, Professor..... S-ZA50 \$ 5 000

2. G. E. Triandafilidis, Instructor..... S-ZD67 4 220

3. Walter E. Fisher, Research Associate..... S-D 6 900

4. John H. Lamb, Jr., Instructor..... S-ZD50 2 950

Total, U.S. Army Engineers 240..... \$19 070**U.S. ARMY ENGINEERS 393**

Account Number 46-22-20-338

1. Mete Avni Sozen, Associate Professor..... S-ZA50 \$ 4 250

U.S. ACADEMY OF SCIENCE — AASHO ROAD TESTS

Account Number 46-22-20-345

1. Steven J. Fenves, Instructor..... S-ZD50 \$ 3 600

U.S. DEFENSE ATOMIC SUPPORT AGENCY 023

Account Number 46-22-20-347

1. George K. Sinnamon, Associate Professor..... S-ZA50 \$ 4 400

2. William Egger, Jr., Research Associate..... S-ZD50 3 350

3. George F. McDonough, Assistant Professor..... S-ZB50 3 600

Total, U.S. Defense Atomic Support Agency 023..... \$11 350**U.S. NATIONAL SCIENCE FOUNDATION G5073**

Account Number 46-22-20-350

1. Roy E. Olson, Instructor..... S-ZD50 \$ 3 000

U.S. NATIONAL SCIENCE FOUNDATION G6572

Account Number 46-22-20-352

1. Alfredo Ang, Assistant Professor	S-ZB50	\$ 3 600
(Total Salary)		(7 200)

U.S. NATIONAL SCIENCE FOUNDATION G10503

Account Number 46-22-20-354

1. Richard N. Wright III, Instructor	S-ZD50	\$ 3 300
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U S N.O.B.S. 65790

Account Number 46-22-20-360

1. Vincent J. McDonald, Associate Professor	S-ZA25	\$ 2 100
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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	\$ 6 000
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U.S. OFFICE OF NAVAL RESEARCH 183403

Account Number 46-22-20-369

1. Robert E. Fulton, Research Assistant	S-E	\$ 4 700
2. Joseph P. Murtha, Research Associate	S-ZD50	3 300

Total, U.S. Office of Naval Research 183403 \$ 8 000

STATE OF ILLINOIS DIVISION OF HIGHWAYS —

BRIDGE IMPACT

Account Number 47-22-20-307

1. Tseng Huang, Research Associate	S-D	\$ 6 000
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STATE OF ILLINOIS DIVISION OF HIGHWAYS —

HIGHWAY MEDIANS

Account Number 47-22-20-336

1. John W. Hutchinson, Instructor	S-ZD25	\$ 1 875
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STATE OF ILLINOIS DIVISION OF HIGHWAYS —

RIVETED BOLTED JOINTS

Account Number 47-22-20-374

1. Eugene Chesson, Jr., Assistant Professor	S-ZB50	\$ 3 900
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STATE OF ILLINOIS DIVISION OF HIGHWAYS —

SOIL AGGREGATE

Account Number 47-22-20-379

1. Eugene Y. Huang, Associate Professor	ZA75	\$ 5 850
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STATE OF ILLINOIS DIVISION OF HIGHWAYS —

SOIL MAPPING

Account Number 47-22-20-382

1. T. H. Thornburn, Professor	S-ZA25	\$ 2 800
(Leave to be determined)		
2. Edward T. Misiaszek, Instructor	S-D	6 300
3. Thomas K. Liu, Research Associate	S-D	5 500

Total, State of Illinois Division of Highways —

Soil Mapping \$14 600

STATE OF ILLINOIS DIVISION OF HIGHWAYS —

VEHICULAR SPEED REGULATION

Account Number 47-22-20-386

1. Joseph C. Oppenlander, Research Associate	S-D	\$ 7 000
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STATE OF ILLINOIS DIVISION OF HIGHWAYS —

WATERWAY AREAS

Account Number 47-22-20-390

1. Ven Te Chow, Professor of Hydraulic Engineering	S-ZA30	\$ 3 180
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STATE OF ILLINOIS DIVISION OF HIGHWAYS —

WELDED HIGHWAY STRUCTURES

Account Number 47-22-20-391

1. Wallace Sanders, Jr., Research Associate	S-ZD50	\$ 3 000
2. Peter G. Hoadley, Research Assistant	E	5 300

Total, State of Illinois Division of Highways —

Welded Highway Structures \$ 8 300

Coordinated Science Laboratory**U.S. Army Signal Corps 85122**

Account Number 46-22-22-310

1. Daniel Alpert, Director.....	S-ZDY	\$ 22 500
2. C. W. Sherwin, Associate Director.....	S-ZD50	7 250
(Total Salary).....		(14 500)
3. Mac E. Van Valkenburg, Associate Director.....	S-ZD50	8 000
(Total Salary).....		(16 000)
4. Richard M. Brown, Research Professor.....	S-ZDY	18 200
5. Bruce L. Hicks, Research Professor.....	S-ZDY45	6 750
(Total Salary).....		(15 000)
6. Arnold T. Nordsieck, Research Professor.....	S-ZD50	9 150
(Total Salary).....		(18 300)
7. Jack P. Ruina, Research Professor.....	S-ZDY73	13 900
(Total Salary).....		(19 000)
(On leave without pay 1960-61)		
8. Nelson Wax, Research Professor.....	S-ZD50	7 400
(Total Salary).....		(14 800)
9. Duane H. Cooper, Research Associate Professor.....	S-ZDY	15 500
10. Howard W. Knoebel, Research Associate Professor.....	S-DY	16 000
11. R. D. Rawcliffe, Research Associate Professor.....	S-DY	15 500
12. Donald L. Bitzer, Research Assistant Professor.....	S-DY	12 000
13. Cheng Lin Chen, Research Assistant Professor.....	S-DY	9 000
14. Jose B. Cruz, Jr., Research Assistant Professor.....	ZB50	4 300
(Total Salary).....		(8 600)
15. Norman Knable, Research Assistant Professor.....	S-DY	13 000
16. Linton S. Kypta, Research Assistant Professor.....	S-DY	13 700
17. Edgar Luscher, Research Assistant Professor.....	S-DY	9 500
18. Manfred Raether, Research Assistant Professor.....	S-DY	10 000
19. H. Wallace Sinaiko, Research Assistant Professor.....	S-ZDY86	10 780
(Total Salary).....		(12 500)
20. Don R. Allen, Research Associate.....	S-DY	10 400
21. Robert W. Anderson, Research Associate.....	S-DY	9 700
22. Henry G. Bobotek, Research Associate.....	S-DY	6 700
23. Peter G. Braunfeld, Research Associate.....	S-DY	9 700
24. James L. Divilbiss, Research Associate.....	S-DY	9 500
25. Thomas E. Feuchtwang, Research Associate.....	S-DY	7 400
26. Jay D. Gooch, Research Associate.....	S-DY	9 700
27. Edward A. Huber, Research Associate.....	S-DY	7 700
28. Billy D. Kirkwood, Research Associate.....	S-DY	9 600
29. Henry V. Krone, Research Associate.....	S-DY	9 100
30. Donald A. Lee, Research Associate.....	S-DY	8 200
31. William W. Lichtenberger, Research Associate.....	S-DY	7 700
32. Wilbert C. Prothe, Research Associate.....	S-DY	10 400
33. Dominic O. Skaperdas, Research Associate.....	S-DY	11 800
34. H. Gene Slottow, Research Associate.....	S-DY	11 300
35. Harry E. Tomaschke, Research Associate.....	S-DY	6 800
36. Ray L. Trogdon, Research Associate.....	S-DY	10 200
37. Willis Unruh, Research Associate.....	S-DY	10 700
38. Richard P. Wishner, Research Associate.....	S-DY	3 250
39. James W. Cummings, Research Assistant.....	S-DY	7 900
40. Richard A. Graham, Research Assistant.....	S-DY	7 600
41. Patricia A. Hunt, Research Assistant.....	S-DY	6 000
42. John E. Stifle, Research Assistant.....	S-DY	7 200
43. Brian W. Voth, Research Assistant.....	S-DY	8 350
Total, Coordinated Science Laboratory.....		\$429 330

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	\$20 000
2. Wendell E. Miller, Professor and Associate Head of Department.....	C-ZAY75	11 250
(Total Salary).....		(15 000)

3. George E. Anner, Professor.....	C-A	11 600
4. L. B. Archer, Professor.....	C-A	10 500
5. D. S. Babb, Professor.....	C-A	10 000
6. Albert D. Bailey, Professor.....	C-ZA ₅₀	5 500
(Total Salary).....		(11 000)
7. John Bardeen, Professor.....	C-ZA ₅₀	10 000
(Total Salary).....		(21 500)
8. Paul D. Coleman, Professor.....	C-ZA ₅₀	6 250
(Total Salary).....		(12 500)
9. Georges A. Deschamps, Professor.....	C-A	16 000
10. Willis L. Emery, Professor.....	C-A	12 000
11. W. L. Everitt, Professor.....	C-ZAY	.....
12. Max A. Faucett, Professor.....	C-A	9 700
13. G. H. Fett, Professor.....	C-A	14 000
14. Ladislav Goldstein, Professor.....	ZA ₅₀	8 750
(Total Salary).....		(17 500)
15. H. N. Hayward, Professor.....	C-ZA	.....
16. M. S. Helm, Professor.....	C-A	11 000
17. C. A. Keener, Professor.....	C-A	12 500
18. John O. Kraehenbuehl, Professor, <i>Emeritus</i>	C-R	.....
19. N. W. McLachlan, Professor, <i>Emeritus</i>	C-R	.....
20. R. E. Meagher, Research Professor.....	C-ZA	.....
21. E. B. Paine, Professor, <i>Emeritus</i>	C-R	.....
22. G. R. Peirce, Professor.....	C-A	10 200
23. David Pines, Professor.....	C-ZA ₅₀	7 000
(Total Salary).....		(14 000)
24. E. A. Reid, Professor, <i>Emeritus</i>	C-R	.....
25. James E. Robertson, Research Professor.....	C-ZA	.....
26. Jack P. Ruina, Professor.....	C-ZAY ₂₇	5 100
(Total Salary).....		(19 000)
(On leave without pay 1960-61)		
27. P. F. Schwarzlose, Professor.....	C-A	10 000
28. C. E. Skroder, Professor.....	C-A	9 600
29. George W. Swenson, Jr., Professor.....	C-ZA ₅₂	6 240
(Total Salary).....		(12 000)
30. J. T. Tykociner, Research Professor, <i>Emeritus</i>	C-R	.....
31. Mac E. Van Valkenburg, Professor.....	C-ZA ₅₀	8 000
(Total Salary).....		(16 000)
32. Heinz M. Von Foerster, Professor.....	C-ZA ₅₀	6 700
(Total Salary).....		(13 400)
33. Nelson Wax, Professor.....	C-ZA ₅₀	7 400
(Total Salary).....		(14 800)
34. Harold D. Webb, Professor.....	C-ZA	10 400
(On leave with pay first semester 1960-61)		
35. Jerome Earl Williams, Professor.....	C-A	10 600
36. _____, Professor.....	C-A	10 000
37. William G. Albright, Associate Professor.....	C-A	8 100
38. Roger W. Burtness, Associate Professor.....	C-A	11 000
39. Julius H. Cahn, Associate Professor.....	C-ZAY ₅₀	5 800
(Total Salary).....		(11 600)
40. Milton H. Crothers, Associate Professor.....	C-A	9 400
41. Arwin A. Dougal, Associate Professor.....	C-ZAY ₂₅	2 950
(Total Salary).....		(11 800)
42. John D. Dyson, Associate Professor.....	C-ZAY ₄₀	4 400
(Total Salary).....		(10 800)
43. Paul R. Egbert, Associate Professor.....	C-A	8 600
44. Edward W. Ernst, Associate Professor.....	C-A	10 800
45. Paul Handler, Associate Professor.....	C-ZA ₂₅	2 325
(Total Salary).....		(9 300)
(On leave with one-half pay 1960-61)		
46. Daniel F. Hang, Associate Professor.....	C-A	9 000
47. Edgar C. Hayden, Associate Professor.....	C-ZA ₃₃	3 500
(Total Salary).....		(10 500)

48. Charles Hendricks, Jr., Associate Professor.....	C-ZA50	4 750
(Total Salary).....		(9 500)
49. P. Edward Mast, Associate Professor.....	C-ZA75	6 750
(Total Salary).....		(9 000)
50. Paul E. Mayes, Associate Professor.....	C-ZAY27	3 600
(Total Salary).....		(13 200)
51. Millard S. McVay, Associate Professor.....	C-A	10 200
52. T. A. Murrell, Associate Professor.....	C-A	9 200
53. J. P. Neal, Associate Professor.....	C-A	8 900
54. Wolfgang Poppelbaum, Research Associate Professor....	C-ZAY	.....
55. Andrew W. Swago, Associate Professor.....	C-A	9 000
56. Walter L. Weeks, Associate Professor.....	C-ZB25	2 300
(Total Salary).....		(9 200)
57. ———, Associate Professor.....	C-A	10 500
58. ———, Associate Professor.....	C-A75	6 075
59. Philip A. Bauman, Assistant Professor.....	C-B	6 800
60. H. C. Brearley, Jr., Assistant Professor.....	C-ZBY25	2 750
(Total Salary).....		(11 000)
61. Jose B. Cruz, Jr., Assistant Professor.....	C-ZB50	4 300
(Total Salary).....		(8 600)
62. Raymond A. Davidson, Assistant Professor.....	C-ZB50	3 950
(Total Salary).....		(7 900)
63. Seifollah Hakimi, Assistant Professor.....	C-ZB67	5 267
(Total Salary).....		(7 900)
64. Paul K. Hudson, Assistant Professor.....	C-B	8 500
65. Julius O. Kopplin, Assistant Professor.....	C-B	9 200
66. Benjamin Kuo, Assistant Professor.....	C-B	8 000
67. Gene H. Leichner, Assistant Professor.....	C-B50	4 400
68. William H. Steier, Assistant Professor.....	C-ZB25	2 000
(Total Salary).....		(8 000)
69. Kung Chie Yeh, Assistant Professor.....	C-ZBY40	3 960
(Total Salary).....		(9 700)
70. ———, Assistant Professor.....	C-B	6 800
71. Leo V. Auth, Jr., Instructor.....	C-D16	1 000
72. Raymond F. Beuligmann, Instructor.....	C-D20	1 000
73. Cameron W. Blachford, Instructor.....	C-D20	1 000
74. James P. Bobis, Instructor.....	C-D50	2 250
75. Donald A. Calahan, Instructor.....	C-D	5 000
76. Arnold W. Dipert, Instructor.....	C-D50	2 300
77. V. GouriShankar, Instructor.....	C-D60	3 420
78. Cassius Hesselberth, Instructor.....	C-D50	2 350
79. De Verl S. Humpherys, Instructor.....	C-D50	2 600
80. Edwin C. Jones, Jr., Instructor.....	C-D50	2 400
81. Robert W. Kafka, Instructor.....	C-D50	2 250
82. Thomas J. Killian, Instructor.....	C-D	2 350
83. Paul W. Klock, Instructor.....	C-D20	1 120
84. William A. Krerowicz, Instructor.....	C-D50	2 250
85. Harry G. Lafuse, Instructor.....	C-D50	2 600
86. John R. Lehmann, Instructor.....	C-D75	4 800
87. Hsiao J. Ma, Instructor.....	C-D50	2 250
88. Christopher Pottle, Instructor.....	C-D50	2 600
89. James H. Pugsley, Instructor.....	C-D75	3 750
90. John M. Schneider, Instructor.....	C-D50	2 250
91. B. Anantha Shenoi, Instructor.....	C-D50	2 500
92. Herbert J. Stein, Instructor.....	C-D50	2 200
93. Richard E. Toepfer, Jr., Instructor.....	C-D20	1 040
94. Joseph T. Verdeyen, Instructor.....	C-D50	3 200
95. James R. Young, Instructor.....	C-D60	4 300
96. ———, Instructor.....	C-D50	2 700
97. 14.50 Full Time Equivalent Assistants.....	C-E	65 450
Nonacademic Salaries.....	C	96 210
Nonacademic Salaries.....	S	50 500
<i>Total, Salaries</i>	C	(761 007)
Wages.....	C	19 000

Expense.....	C	23 300
Equipment.....	C	15 000
<i>Total, Wages, Expense, and Equipment.....</i>	C	(57 300)
<i>Total, Electrical Engineering.....</i>		\$818 307

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 62

Account Number 46-22-25-301

1. William H. Steier, Research Assistant Professor.....	S-ZB75	\$ 6 000
<i>(Total Salary).....</i>		(8 000)

U.S. AIR FORCE 417

Account Number 46-22-25-305

1. Wendell E. Miller, Research Professor.....	S-ZAY5	\$ 750
2. Paul Handler, Research Associate Professor.....	S-ZA50	4 650
<i>(Total Salary).....</i>		(9 300)
<i>(On leave with one-half pay 1960-61)</i>		
<i>Total, U.S. Air Force 417.....</i>		\$ 5 400

U.S. AIR FORCE 2152

Account Number 46-22-25-309

1. Ladislav Goldstein, Professor.....	S-ZA15	\$ 2 625
2. Wendell E. Miller, Research Professor.....	S-ZAY5	750
3. Julius H. Cahn, Associate Professor.....	S-ZAY50	5 800
4. Arwin A. Dougal, Research Associate Professor.....	S-ZAY75	8 850
5. Charles Hendricks, Jr., Associate Professor.....	S-ZA50	4 750
6. Clare C. Leiby, Jr., Research Assistant.....	S-DY	9 000
<i>Total, U.S. Air Force 2152.....</i>		\$31 775

U.S. AIR FORCE 5565

Account Number 46-22-25-310

1. Ladislav Goldstein, Professor.....	S-ZA10	\$ 1 750
2. P. Edward Mast, Associate Professor.....	S-ZA25	2 250
3. R. Mittra, Visiting Assistant Professor.....	S-ZE33	2 733
<i>Total, U.S. Air Force 5565.....</i>		\$ 6 733

U.S. AIR FORCE 7043

Account Number 46-22-25-312

1. Paul D. Coleman, Research Professor.....	S-ZA10	\$ 1 250
2. Charles E. Enderby, Instructor.....	S-DY	5 500
<i>Total, U.S. Air Force 7043.....</i>		\$ 6 750

U.S. AIR FORCE 6079

Account Number 46-22-25-314

1. Wendell E. Miller, Research Professor.....	S-ZAY5	\$ 750
2. John D. Dyson, Associate Professor.....	S-ZAY30	3 200
3. Paul E. Mayes, Associate Professor.....	S-ZAY73	9 600
4. Walter L. Weeks, Associate Professor.....	S-ZB75	6 900
5. Yuen Tze Lo, Assistant Professor.....	S-ZBY67	7 867
<i>(Total Salary).....</i>		(11 800)
6. R. Mittra, Visiting Assistant Professor.....	S-ZE67	5 467
<i>(Total Salary).....</i>		(8 200)
7. Willard T. Patton, Instructor.....	S-D75	5 200
8. Robert L. Carrel, Research Assistant.....	S-DY	6 800
<i>Total, U.S. Air Force 6079.....</i>		\$45 784

U.S. AIR FORCE 3481

Account Number 46-22-25-315

1. Ladislav Goldstein, Professor.....	S-ZA15	\$ 2 625
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U.S. AIR FORCE 556

Account Number 46-22-25-316

1. Don F. Holshouser, Associate Professor.....	S-AY	\$10 200
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U.S. AIR FORCE 6428

Account Number 46-22-25-319

1. Heinz M. Von Foerster, Professor.....	S-ZA20	\$ 2 680
2. Lars E. Lofgren, Research Associate.....	S-DY	8 800
<i>Total, U.S. Air Force 6428.....</i>		<u>\$11 480</u>

U.S. ARMY ORDNANCE 1983

Account Number 46-22-25-322

1. Seifollah Hakimi, Assistant Professor.....	S-ZB33	\$ 2 633
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U.S. ARMY SIGNAL CORPS 84525

Account Number 46-22-25-328

1. Albert D. Bailey, Professor.....	S-ZA25	\$ 2 750
2. John D. Dyson, Associate Professor.....	S-ZAY30	3 200
3. Edgar C. Hayden, Associate Professor.....	S-ZA17	1 750
4. Richard L. Sydnor, Research Associate.....	S-ZDY25	2 200
(Total Salary).....		(8 800)
<i>Total, U.S. Signal Corps 84525.....</i>		<u>\$ 9 900</u>

U.S. ARMY SIGNAL CORPS 78313

Account Number 46-22-25-333

1. Ladislav Goldstein, Professor.....	S-ZA10	\$ 1 750
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U.S. ATOMIC ENERGY COMMISSION 392

Account Number 46-22-25-334

1. Paul D. Coleman, Research Professor.....	S-ZA40	\$ 5 000
2. Richard J. Kenyon, Research Assistant.....	S-DY	5 300
3. Joseph J. Stafford, Research Assistant.....	S-DY	5 400
<i>Total, U.S. Atomic Energy Commission 392.....</i>		<u>\$15 700</u>

U.S. NATIONAL AERONAUTICAL AND SPACE ADMINISTRATION

NATIONAL SCIENCE GRANT 2459

Account Number 46-22-25-340

1. Kung Chie Yeh, Assistant Professor.....	S-ZBY60	\$ 5 740
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U.S. NATIONAL SCIENCE FOUNDATION G7421

Account Number 46-22-25-349

1. Frederic Brunswick, Research Associate.....	S-DY	\$ 8 000
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U.S. NATIONAL SCIENCE FOUNDATION G7040

Account Number 46-22-25-353

1. Harold A. Spuhler, Research Associate.....	S-DY75	\$ 7 100
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U.S. N.O.B.S. 64723

Account Number 46-22-25-357

1. Wendell E. Miller, Research Professor.....	S-ZAY5	\$ 750
2. Edgar C. Hayden, Associate Professor.....	S-ZA25	2 625
3. Leon J. Miller, Research Associate.....	S-DY	8 050
4. Robert S. Smith, Research Associate.....	S-DY	8 000
5. Clay D. Westlund, Instructor.....	S-D	7 330
<i>Total, U.S. N.O.B.S. 64723.....</i>		<u>\$26 755</u>

U.S. OFFICE OF NAVAL RESEARCH 183402

Account Number 46-22-25-378

1. Albert D. Bailey, Professor.....	S-ZA25	\$ 2 750
2. Edgar C. Hayden, Associate Professor.....	S-ZA25	2 625
3. Richard L. Sydnor, Research Associate.....	S-ZDY75	6 600
<i>Total, U.S. Office of Naval Research 183402.....</i>		<u>\$11 975</u>

U.S. OFFICE OF NAVAL RESEARCH 183417

Account Number 46-22-25-380

1. Paul Handler, Research Associate Professor.....	S-ZA25	\$ 2 325
(On leave with one-half pay 1960-61)		
2. Gottfried Landwehr, Research Associate.....	S-DY33	3 300
<i>Total, U.S. Office of Naval Research 183417.....</i>		<u>\$ 5 625</u>

U.S. OFFICE OF NAVAL RESEARCH 183420

Account Number 46-22-25-381

1. Wendell E. Miller, Research Professor.....	S-ZAY5	\$ 750
2. Elizabeth K. Kelly, Research Associate.....	S-ZDY15	1 240
(Total Salary).....		(8 400)
<i>Total, U.S. Office of Naval Research 183420.....</i>		<i>\$ 1 990</i>

U.S. OFFICE OF NAVAL RESEARCH 183421

Account Number 46-22-25-382

1. Heinz M. Von Foerster, Professor.....	S-ZA20	\$ 2 680
2. Murray L. Babcock, Research Assistant Professor.....	S-ZBY50	4 000
(Total Salary).....		(8 000)
<i>Total, U.S. Office of Naval Research 183421.....</i>		<i>\$ 6 680</i>

U.S. OFFICE OF NAVAL RESEARCH 183429

Account Number 46-22-25-383

1. Floyd Dunn, Research Assistant Professor.....	S-ZBY33	\$ 3 500
(Total Salary).....		(10 600)

U.S. PUBLIC HEALTH SERVICE B1017

Account Number 46-22-25-388

1. Francis J. Fry, Research Associate Professor.....	S-ZBY50	\$ 5 600
(Total Salary).....		(11 200)
(Non-Tenure)		
2. Floyd Dunn, Research Assistant Professor.....	S-ZBY67	7 100
3. Ruth V. Chalmers, Research Assistant.....	S-DY	4 500
<i>Total, U.S. Public Health Service B1017.....</i>		<i>\$17 200</i>

U.S. PUBLIC HEALTH SERVICE M1370

Account Number 46-22-25-389

1. Stefan Borbely, Research Assistant.....	S-DY	\$ 5 500
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U.S. PUBLIC HEALTH SERVICE B1567

Account Number 46-22-25-390

1. Francis J. Fry, Research Associate Professor.....	S-ZBY50	\$ 5 600
(Non-Tenure)		
2. Rolfs Krumins, Research Assistant Professor.....	S-DY	7 350
3. Reginald C. Eggleton, Research Assistant.....	S-DY	8 500
<i>Total, U.S. Public Health Service B1567.....</i>		<i>\$21 450</i>

U.S. PUBLIC HEALTH SERVICE C4044

Account Number 46-22-25-391

1. Heinz M. Von Foerster, Professor.....	S-ZA10	\$ 1 340
2. Murray L. Babcock, Research Assistant Professor.....	S-ZBY50	4 000
<i>Total, U.S. Public Health Service C4044.....</i>		<i>\$ 5 340</i>

Ultrasound in Biology

Account Number 00-22-26-300

1. William J. Fry, Research Professor.....	S-AY	\$15 000
2. Garth J. Thomas, Research Professor.....	S-ZAY50	7 000
(Total Salary).....		(14 000)
3. Elizabeth K. Kelly, Research Associate.....	S-ZDY85	7 160
(Total Salary).....		(8 400)
Nonacademic Salaries.....	S	6 790
<i>Total, Salaries.....</i>		<i>(35 950)</i>
Wages.....	S	400
Equipment.....	S	4 300
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(4 700)</i>
<i>Total, Ultrasound in Biology.....</i>		<i>\$40 650</i>

General Engineering

Account Number 00-22-30-100

1. Jerry S. Dobrovolsky, Professor and Head of Department	C-A	\$11 000
2. S. G. Hall, Professor.....	C-A	10 300
3. R. P. Hoelscher, Professor, <i>Emeritus</i>	C-R	.....
4. Bernt O. Larson, Professor.....	C-A	10 400

5. Edwin McClintock, Jr., Professor.....	C-ZAY	.....
6. John E. Pearson, Professor.....	C-A	10 400
7. Stanley H. Pierce, Professor.....	C-ZAY	.....
8. Wayne L. Shick, Professor.....	C-A	9 200
9. C. H. Springer, Professor.....	C-A	13 300
10. L. D. Walker, Professor.....	C-A	10 500
11. Robert P. Borri, Associate Professor.....	C-A	8 200
12. Edward D. Ebert, Associate Professor.....	C-A	8 400
13. Thomas C. Hartley, Associate Professor.....	C-A	7 600
14. Robert A. Jewett, Associate Professor.....	C-A	7 700
15. Fred L. Spalding, Associate Professor.....	C-A	7 700
16. R. S. Crossman, Assistant Professor, <i>Emeritus</i>	C-R	.....
17. John P. Hipskind, Assistant Professor.....	C-B	6 000
18. Howard C. Nelson, Assistant Professor.....	C-B	6 200
91. David R. Opperman, Assistant Professor.....	C-ZB	.....
20. Donald E. Scheck, Assistant Professor.....	C-B	6 300
(On leave without pay first semester 1960-61)		
21. Paul W. Steinbeck, Assistant Professor.....	C-B	6 000
22. James R. Tague, Assistant Professor.....	C-B	6 700
23. Grace Wilson, Assistant Professor.....	C-B	6 800
24. John F. Dreher, Instructor.....	C-D	7 200
25. Robert W. Bokenkamp, Instructor.....	C-D80	5 800
26. _____, Instructor.....	C-D	4 500
27. Samuel Lomask, Instructor.....	C-D67	3 600
28. Gordon E. Martin, Instructor.....	C-D	6 300
29. David C. O'Bryant, Instructor.....	C-D	5 000
30. Ronald J. Placek, Instructor.....	C-D50	2 800
31. David R. Reyes-Guerra, Instructor.....	C-D	6 500
32. Donald H. Rimbey, Instructor.....	C-D	5 800
33. Harrison Streeter, Instructor.....	C-D80	5 300
34. 3.25 Full Time Equivalent Assistants.....	C-E	13 100
Nonacademic Salaries.....	C	7 920
<i>Total, Salaries</i>	C	(226 520)
Wages.....	C	8 200
Expense.....	C	7 000
Equipment.....	C	2 600
<i>Total, Wages, Expense, and Equipment</i>	C	(17 800)
<i>Total, General Engineering</i>		\$244 320

Measurement Program

Account Number 00-22-35-300		
1. H. N. Hayward, Director.....	S-ZD	\$12 800
2. Howard C. Roberts, Research Professor.....	S-AY	11 800
Nonacademic Salaries.....	S	37 800
<i>Total, Salaries</i>	S	(62 400)
Wages.....	S	3 300
Expense.....	S	3 000
Equipment.....	S	4 000
<i>Total, Wages, Expense, and Equipment</i>	S	(10 300)
<i>Total, Measurement Program</i>		\$72 700

Mechanical and Industrial Engineering

Account Number 00-22-40-100; College 00-22-40-100; Station 00-22-40-300		
1. Norman A. Parker, Professor of Mechanical Engineering and Head of Department.....	C-A	\$20 500
2. Harlan D. Bareither, Professor of Mechanical Engineering (Total Salary).....	C-ZAY27	3 500 (13 000)
3. E. L. Broghamer, Professor of Mechanical Engineering..	C-A	10 000
4. C. H. Casberg, Professor, <i>Emeritus</i>	C-R	.....
5. Bei Tse Chao, Professor of Mechanical Engineering....	C-A	12 700
6. Lawrence E. Doyle, Professor of Mechanical Engineering	C-A	9 500
7. William N. Espy, Professor of Mechanical Engineering..	C-A	12 300
8. M. K. Fahnestock, Research Professor of Mechanical Engineering.....	S-ZAY	12 500
(On leave with pay six months from February 1, 1961)		

9.	Julian R. Fellows, Professor of Mechanical Engineering..	C-A	11 500
10.	C. Dale Greffe, Professor of Mechanical Engineering....	C-A	9 200
11.	C. W. Ham, Professor, <i>Emeritus</i>	C-R	.....
12.	George W. Harper, Professor of Mechanical Engineering	C-A	10 300
13.	Eugene F. Hebrank, Professor of Mechanical Engineering	C-A	10 200
14.	John A. Henry, Professor of Mechanical Engineering....	C-ZA75	7 500
	(Total Salary).....		(10 000)
15.	William L. Hull, Professor of Mechanical Engineering...	C-A	11 000
16.	Seichi Konzo, Professor of Mechanical Engineering.....	C-A	14 500
17.	Helmut H. Korst, Professor of Mechanical Engineering..	C-A	15 700
18.	A. P. Kratz, Research Professor, <i>Emeritus</i>	C-R	.....
19.	Reinhold F. Larson, Professor of Mechanical Engineering	C-A	11 300
	(On leave with pay second semester 1960-61)		
20.	James L. Leach, Professor of Mechanical Engineering...	C-A	9 200
21.	Edwin D. Luke, Professor of Mechanical Engineering....	C-A	10 500
22.	Ross J. Martin, Professor of Mechanical Engineering....	C-ZAY	.....
23.	John C. Miles, Professor of Mechanical Engineering....	C-A	9 800
24.	Leo C. Pigge, Professor of Mechanical Engineering.....	C-A	10 000
25.	Eugene I. Radzimovsky, Professor of Mechanical Engineering.....		
	.....	C-A	10 500
26.	David G. Ryan, Professor of Mechanical Engineering...	C-A	12 300
27.	Francis Seyfarth, Professor of Mechanical Engineering..	C-A	9 700
28.	Shao Lee Soo, Professor of Mechanical Engineering.....	C-A	12 500
29.	K. J. Trigger, Professor of Mechanical Engineering.....	C-A	14 500
30.	J. W. Bayne, Associate Professor of Mechanical Engineering.....	C-A	8 100
31.	Willard E. Bair, Associate Professor of Mechanical Engineering.....	C-A	9 000
32.	John R. Carroll, Associate Professor of Mechanical Engineering.....	C-A	9 200
33.	Wen Lung Chow, Research Associate Professor of Mechanical Engineering.....	S-A	8 700
34.	David H. Cole, Associate Professor of Mechanical Engineering.....	C-A	7 500
35.	A. G. Friederich, Associate Professor of Mechanical Engineering.....	C-A	7 500
36.	Thornton W. Price, Associate Professor of Mechanical Engineering.....	C-A	9 300
37.	C. E. Schubert, Associate Professor, <i>Emeritus</i>	C-R	.....
38.	C. J. Starr, Associate Professor, <i>Emeritus</i>	C-R	.....
39.	Wilbert F. Stoecker, Associate Professor of Mechanical Engineering.....	C-A	8 800
	(On leave without pay 1960-61)		
40.	Ross P. Strout, Associate Professor of Mechanical Engineering.....	C-A	8 000
41.	John L. Whisenand, Associate Professor of Mechanical Engineering.....	C-A	7 900
42.	_____, Associate Professor of Mechanical Engineering.....	C-A	9 000
43.	_____, Associate Professor of Mechanical Engineering.....	A	8 100
44.	David H. Offner, Assistant Professor of Mechanical Engineering.....	C-B	7 300
45.	Charles M. Phipps, Jr., Assistant Professor of Mechanical Engineering.....	C-B	7 000
46.	George F. Schrader, Assistant Professor of Mechanical Engineering.....	C-B	10 700
47.	C. E. Derrough, Instructor, <i>Emeritus</i>	C-R	.....
48.	James L. French, Instructor in Mechanical Engineering..	C-D	6 000
49.	Ronald H. Howell, Instructor in Mechanical Engineering	C-D	5 500
50.	Donald L. Mykkanen, Instructor in Mechanical Engineering.....	C-D	7 200
51.	Morse B. Singer, Instructor in Mechanical Engineering..	C-D	6 800
52.	Ronald L. Smoot, Instructor in Mechanical Engineering..	C-D	6 300
53.	Robert A. White, Instructor in Mechanical Engineering..	C-D	5 500
	(On leave without pay 1960-61)		

54. A. D. Wright, Instructor, <i>Emeritus</i>	C-R	.....
55. ———, Instructor in Mechanical Engineering	C-D	4 500
56. George P. Anderson, Lecturer in Industrial Engineering	C-D	10 200
57. Stephen R. Davis, Lecturer in Mechanical Engineering	C-D	8 100
58. H. Karl Ihrig, Jr., Lecturer in Mechanical Engineering	D	6 600
59. B. F. von Turkovich, Lecturer in Industrial Engineering	C-D	8 600
60. ———, Lecturer in Mechanical Engineering	C-D	6 500
61. Howard L. Schmidt, Assistant in Mechanical Engineering	C-E	4 700
62. 8.30 Full Time Equivalent Assistants	C-E	33 450
63. 0.25 Full Time Equivalent Assistants	S-E	1 050
Nonacademic Salaries	C	84 690
Nonacademic Salaries	S	23 076
<i>Total, Salaries</i>	C	(636 066)
Wages	C	11 600
Expense	C	28 000
Expense	S	3 600
Equipment	C	4 000
Equipment	S	3 000
<i>Total, Wages, Expense, and Equipment</i>	C	(50 200)
<i>Total, Mechanical and Industrial Engineering</i>		\$686 266

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	\$ 13 000
2. Robert R. Laschober, Research Associate in Mechanical Engineering	S-DY	7 800
<i>Total, Institute of Boiler and Radiator Manufacturers — Steam and Water Heat</i>		\$ 20 800

NATIONAL WARM AIR HEATING — FURNACES

Account Number 44-22-40-356

1. Edward J. Brown, Research Assistant Professor of Mechanical Engineering	S-BY	\$ 8 200
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U.S. ARMY ORDNANCE 1980

Account Number 46-22-40-305

1. Hsin Lang Li, Research Assistant Professor of Mechanical Engineering	D	\$ 6 300
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Mining and Metallurgical Engineering

Account Number 00-22-50-100; College 00-22-50-100; Station 00-22-50-300

1. Thomas A. Read, Professor of Metallurgical Engineering and Head of Department	C-A	\$ 17 500
(On leave with pay first semester 1960-61)		
2. Robert W. Balluffi, Professor of Physical Metallurgy	S-ZA50	5 100
(Total Salary)		(10 200)
3. Paul A. Beck, Professor of Physical Metallurgy	S-A	14 400
4. Robert W. Bohl, Professor of Metallurgical Engineering	C-A	9 600
5. W. H. Bruckner, Professor of Metallurgical Engineering	S-ZA50	5 000
(Total Salary)		(10 000)
6. William R. Chedsey, Professor of Mining Engineering, <i>Emeritus</i>	C-R	.....
7. Earl J. Eckel, Professor of Metallurgical Engineering	C-A	10 400
8. David S. Lieberman, Professor of Metallurgical Engineering	C-A	9 200
9. Marvin Metzger, Professor of Physical Metallurgy	S-A	9 200
10. Bernard G. Ricketts, Professor of Metallurgical Engineering	C-A	10 200
11. Walter D. Rose, Professor of Petroleum Engineering	C-A	10 800
12. Norman Street, Professor of Petroleum Engineering	C-A	9 600
13. Robb M. Thomson, Professor of Physical Metallurgy	C-A	9 100

14. Walter H. Voskuil, Professor of Mineral Economics.....	C-A10	1 350
(Also paid \$8,250 by State Geological Survey)		
15. Charles A. Wert, Professor of Physical Metallurgy.....	S-ZA50	6 500
(Total Salary).....		(13 000)
16. Frederick D. Wright, Professor of Mining Engineering..	C-A	10 800
17. Rudolph G. Wuerker, Professor of Mining Engineering..	C-A	9 400
18. George R. Eadie, Associate Professor of Mining Engineering.....	A	8 400
19. A. C. Forsyth, Associate Professor of Metallurgical Engineering.....	C-A	8 500
20. Vladimir S. Tuman, Associate Professor of Petroleum Engineering.....	C-D	8 850
21. Clarence M. Wayman, Associate Professor of Metallurgical Engineering.....	C-A	7 600
22. Erwin K. Weise, Associate Professor of Metallurgical Engineering.....	C-ZBY40	3 700
(Total Salary).....		(9 150)
23. Carl J. Altstetter, Assistant Professor of Physical Metallurgy.....	C-B	7 200
24. 1.25 Full Time Equivalent Assistants.....	C-E	5 100
25. 1.00 Full Time Equivalent Research Assistants.....	S-E	4 000
Nonacademic Salaries.....	C	20 940
Nonacademic Salaries.....	S	15 780
<i>Total, Salaries.....</i>	C	(238 220)
Wages.....	C	1 420
Wages.....	W	2 600
Expense.....	C	5 500
Expense.....	S	5 500
Equipment.....	C	6 400
Equipment.....	S	4 600
<i>Total, Wages, Expense, and Equipment.....</i>	C	(26 020)
<i>Total, Mining and Metallurgical Engineering.....</i>		\$264 240

Cooperative Investigations

U.S. AIR FORCE 6770

Account Number 46-22-50-305

1. Chin H. Cheng, Research Associate in Mining and Metallurgical Engineering.....	S-DY	\$ 7 000
2. Chuan-Tseng Wei, Research Associate in Mining and Metallurgical Engineering.....	S-DY	7 000
<i>Total, U.S. Air Force 6770.....</i>		<u>\$14 000</u>

U.S. AIR FORCE 212

Account Number 46-22-50-307

1. Erwin K. Weise, Associate Professor of Metallurgical Engineering.....	S-ZBY60	\$ 5 450
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U.S. AIR FORCE 420

Account Number 46-22-50-309

1. Vittorio Celli, Research Associate in Mining and Metallurgical Engineering.....	S-DY	\$ 6 900
2. Milton N. Kabler, Research Associate in Mining and Metallurgical Engineering.....	S-DY	6 900
3. Ross N. Tucker, Research Associate in Mining and Metallurgical Engineering.....	S-DY	6 900
<i>Total, U.S. Air Force 420.....</i>		<u>\$20 700</u>

U.S. ARMY ORDNANCE 1175

Account Number 46-22-50-314

1. Klaus Schroder, Research Assistant Professor of Metallurgical Engineering.....	S-BY	\$ 8 000
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U.S. N.O.B.S. 77012

Account Number 46-22-50-359

1. W. H. Bruckner, Professor of Metallurgical Engineering	S-ZA50	\$ 5 000
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Nuclear Engineering

Account Number 00-22-53-100

1. Felix T. Adler, Professor.....	C-ZA
2. Marvin E. Wyman, Professor.....	C-ZA	.....
3. 1.50 Full Time Equivalent Assistants.....	C-E	\$ 7 400
Nonacademic Salaries.....	C	14 700
<i>Total, Salaries</i>	C	(22 100)
Wages.....	C	900
Expense.....	C	6 200
Equipment.....	C	8 000
<i>Total, Wages, Expense, and Equipment</i>	C	(15 100)
<i>Total, Nuclear Engineering</i>		\$37 200

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	\$ 21 000
2. G. M. Almy, Professor and Associate Head of Department.....	C-A	19 000
3. Felix T. Adler, Professor.....	C-ZA	14 700
4. James S. Allen, Professor.....	C-ZA50	6 300
<i>(Total Salary)</i>		(12 600)
5. Daniel Alpert, Research Professor.....	C-ZAY	.....
6. Peter Axel, Professor.....	C-A	10 100
7. John Bardeen, Professor.....	C-ZA50	10 000
<i>(Total Salary)</i>		(21 500)
8. James H. Bartlett, Professor.....	C-A	10 000
9. Robert A. Becker, Professor.....	C-A	11 500
10. Hans Frauenfelder, Professor.....	C-A	13 600
11. Edwin L. Goldwasser, Professor.....	C-A	10 500
12. Alfred O. Hanson, Professor.....	C-A	13 500
13. Robert D. Hill, Professor.....	C-A	11 400
<i>(On leave with one-half pay 1960-61)</i>		
14. Robert I. Hulsizer, Jr., Professor.....	C-A	12 600
15. John D. Jackson, Professor.....	C-A	12 800
16. James Koehler, Professor.....	C-ZA50	6 750
<i>(Total Salary)</i>		(13 500)
17. P. Gerald Kruger, Professor.....	C-A	16 000
18. Leo S. Lavatelli, Professor.....	C-A	10 000
19. David Lazarus, Professor.....	C-A	10 600
20. F. W. Loomis, Professor, <i>Emeritus</i>	C-R	.....
21. E. M. Lyman, Professor.....	C-A	12 700
22. Dillon E. Mapother, Professor.....	C-A	10 800
<i>(On leave with one-half pay 1960-61)</i>		
23. Robert J. Maurer, Professor.....	C-A	15 400
24. Kazuhiko Nishijima, Professor.....	C-D	12 800
<i>(Non-citizen)</i>		
25. Arnold T. Nordsieck, Professor.....	C-ZA50	9 150
<i>(Total Salary)</i>		(18 300)
26. David Pines, Professor.....	C-ZA50	7 000
<i>(Total Salary)</i>		(14 000)
27. C. W. Sherwin, Professor.....	C-ZA50	7 250
<i>(Total Salary)</i>		(14 500)
28. Charles P. Slichter, Professor.....	C-A	15 000
29. James N. Snyder, Professor.....	C-ZA	.....
30. F. R. Watson, Professor, <i>Emeritus</i>	C-RA	.....
31. Marvin E. Wyman, Professor.....	C-ZA	13 700
32. _____, Professor.....	C-ZA50	9 000
33. Giulio Ascoli, Associate Professor.....	C-A	9 100
34. Frederick C. Brown, Associate Professor.....	C-A	10 600
35. Ulrich E. Kruse, Associate Professor.....	C-A	9 000
36. Robert Novick, Associate Professor.....	C-A	11 200
37. R. F. Paton, Associate Professor, <i>Emeritus</i>	C-R	.....
38. David G. Ravenhall, Associate Professor.....	C-A	9 200
39. James H. Smith, Associate Professor.....	C-A	9 400
40. John C. Wheatley, Associate Professor.....	C-A	10 000

41. H. W. Wyld, Jr., Associate Professor	C-A	8 900
42. W. H. Heini Granicher, Associate Professor	C-ZD ₅₀	4 500
(Total Salary)		(9 000)
43. ———, Associate Professor of Physics and Nuclear Engineering	C-A	9 000
44. Lloyd D. Fosdick, Research Assistant Professor	C-ZB	7 800
45. John P. Hummel, Assistant Professor	C-ZB ₅₀	4 000
(Total Salary)		(8 000)
46. J. Robert Schrieffer, Assistant Professor	C-B	7 800
47. Ralph O. Simmons, Assistant Professor	C-D	7 700
48. 29.00 Full Time Equivalent Assistants	C-E	115 200
Nonacademic Salaries	C	102 865
<i>Total, Salaries</i>	C	(661 615)
Wages	C	3 600
Expense	C	28 800
Expense	S	9 100
Equipment	C	6 000
Equipment	S	8 000
<i>Total, Wages, Expense, and Equipment</i>	C	(55 500)
<i>Total, Physics</i>		\$717 115

Cooperative Investigations

U.S. AIR FORCE 528

Account Number 46-22-55-303

1. Allen H. Miller, Research Associate	S-DY	\$ 7 300
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U.S. AIR FORCE 529

Account Number 46-22-55-305

1. T. Muppur Srinivasan, Research Associate	S-DY	\$ 7 000
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U.S. AIR FORCE 579

Account Number 46-22-55-306

1. Gianni Ascarelli, Research Associate	S-DY	\$ 7 500
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2. Taizo Masumi, Research Associate	S-DY	7 000
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<i>Total, U.S. Air Force 579</i>		\$14 500
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U.S. AIR FORCE 781

Account Number 46-22-55-309

1. Mark N. McDermott, Research Associate	S-DY	\$ 7 500
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U.S. AIR FORCE 594

Account Number 46-22-55-307

1. William P. Swanson, Research Associate	S-DY	\$ 7 500
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U.S. ARMY ORDNANCE 1001

Account Number 46-22-55-312

1. Frederik W. Dewette, Research Assistant Professor	S-DY	\$ 8 400
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2. Robert D. Puff, Research Associate	S-DY	7 800
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<i>Total, U.S. Army Ordnance 1001</i>		\$16 200
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U.S. ARMY ORDNANCE 3134

Account Number 46-22-55-318

1. Donald M. Ginsberg, Assistant Professor	S-D	\$ 7 200
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U.S. ATOMIC ENERGY COMMISSION PROJECT 3

Account Number 46-22-55-320

1. Robert V. Coleman, Research Assistant Professor	S-DY	\$ 8 000
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2. Colin P. Flynn, Research Associate	S-DY	7 000
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<i>Total, U.S. Atomic Energy Commission Project 3</i>		\$15 000
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U.S. ATOMIC ENERGY COMMISSION PROJECT 22

Account Number 46-22-55-321

1. William A. Steyert, Jr., Research Associate	S-DY	\$ 7 300
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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-ZA ₅₀	\$ 5 100
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(Total Salary)		(10 200)
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2. James Koehler, Professor	S-ZA ⁵⁰	6 750
3. Charles A. Wert, Professor of Physical Metallurgy	S-ZA ⁵⁰	6 500
(Total Salary)		(13 000)
4. Kornelius Herschbach, Research Associate	S-DY	7 500
<i>Total, U.S. Atomic Energy Commission 182</i>		<i>\$25 850</i>
U.S. NATIONAL SCIENCE FOUNDATION G9433		
Account Number 46-22-55-353		
1. George D. Whitfield, Research Associate	S-DY	\$ 7 300
U.S. NATIONAL SCIENCE FOUNDATION G6055		
Account Number 46-22-55-356		
1. Etienne Guyon, Research Associate	S-DY	\$ 7 000
U.S. OFFICE OF NAVAL RESEARCH 183405		
Account Number 46-22-55-361		
1. James S. Allen, Professor	S-ZA ⁵⁰	\$ 6 300
2. Santimay Chatterjee, Research Assistant Professor	S-DY	8 500
3. John E. Crew, Research Assistant Professor	S-DY	7 700
4. Edward L. Garwin, Research Assistant Professor	S-DY	8 000
5. Hans Jurg Gerber, Research Assistant Professor	DY	8 000
6. Giovanni De Pasquali, Research Associate	S-DY	8 400
7. Suprokash Mukherjee, Research Associate	S-DY	7 000
8. Yukihisa Nogami, Research Associate	S-DY	7 000
9. Horst H. Schroer, Research Associate	S-DY	7 300
10. Mir Azam Ali, Research Assistant	S-DY	5 000
11. Dorothy Carlson-Lee, Research Assistant	S-DY	5 400
12. Hilary W. Moore, Research Assistant	S-DY	5 500
<i>Total, U.S. Office of Naval Research 183405</i>		<i>\$84 100</i>
U.S. OFFICE OF NAVAL RESEARCH 183412		
Account Number 46-22-55-363		
1. B. A. Muhlschlegel, Research Assistant Professor	S-DY	\$ 7 800
2. Albert Gold, Research Associate	S-DY	7 000
<i>Total, U.S. Office of Naval Research 183412</i>		<i>\$14 800</i>
Physics Betatron		
Account Number 00-22-56-300		
1. Rudolf Haag, Research Professor	S-A	\$ 12 750
2. C. S. Robinson, Research Professor	S-AY	13 700
3. Albert Wattenberg, Research Professor	S-AY	16 600
4. Louis J. Koester, Jr., Research Associate Professor	S-AY	10 500
5. 3.00 Full Time Equivalent Research Assistants	S-DY	14 700
Nonacademic Salaries	S	64 900
<i>Total, Salaries</i>		<i>(133 150)</i>
Wages	S	2 300
Expense	S	19 000
Equipment	S	10 400
<i>Total, Wages, Expense, and Equipment</i>		<i>(31 700)</i>
<i>Total, Physics Betatron</i>		<i>\$164 850</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	\$ 18 500
2. Arthur P. Boresi, Professor	C-A	10 000
3. Cletus Edward Bowman, Professor	C-A	10 200
4. W. Leighton Collins, Professor	C-ZA ²⁵	3 000
(Total Salary)		(12 000)
5. Herbert T. Corten, Professor	S-A	10 600
6. J. O. Draffin, Professor, <i>Emeritus</i>	C-R	.....
7. N. E. Ensign, Professor, <i>Emeritus</i>	C-R	.....
8. Paul Guy Jones, Professor	C-A	12 000
9. Clyde E. Kesler, Professor	S-A	10 500
10. Henry L. Langhaar, Professor	C-A	15 500
11. Wallace M. Lansford, Professor	C-A	12 500
12. William J. Putnam, Professor, <i>Emeritus</i>	C-R	.....

13. James M. Robertson, Professor.....	{C-ZA50	5 700
(Total Salary).....	{S-ZA50	5 700
14. W. L. Schwalbe, Professor, <i>Emeritus</i>	C-R	(11 400)
15. F. B. Seely, Professor, <i>Emeritus</i>	C-R	.....
16. Omar M. Sidebottom, Professor.....	{C-ZA50	5 250
(Total Salary).....	{S-ZA50	5 250
17. George M. Sinclair, Professor.....	S-A	(10 500)
18. James O. Smith, Professor.....	C-A	11 700
19. Marvin Stippes, Professor.....	{C-ZA50	13 000
(Total Salary).....	{S-ZA50	5 000
20. Charles E. Taylor, Professor.....	{C-ZA50	5 000
(Total Salary).....	{S-ZA50	5 000
21. Harry R. Wetenkamp, Professor.....	C-A	(11 000)
22. Will J. Worley, Professor.....	{C-ZA50	9 600
(Total Salary).....	{S-ZA50	4 600
23. ———, Professor.....	{C-A50	4 600
(Total Salary).....	{S-A50	6 400
24. Marilyn E. Clark, Associate Professor.....	C-A	(12 800)
25. Thaddeus M. Elsesser, Associate Professor.....	C-A	8 800
26. JoDean Morrow, Associate Professor.....	{C-A50	7 700
(Total Salary).....	{S-A50	4 200
27. Frederick G. Bauling, Assistant Professor.....	C-B	4 200
28. Albert C. Bianchini, Assistant Professor.....	{C-B50	(8 400)
(Total Salary).....	{S-B50	7 200
29. George Costello, Assistant Professor.....	C-B	3 700
30. Horatio M. Fitch, Assistant Professor.....	C-B	3 700
31. Russell S. Jensen, Associate Professor.....	C-B	(7 400)
32. Robert E. Miller, Assistant Professor.....	C-B	7 000
33. ———, Assistant Professor.....	C-B	7 500
34. ———, Assistant Professor.....	C-B	6 900
35. Donald F. Adams, Instructor.....	C-D50	6 600
36. Philip E. Bennett, Instructor.....	C-ZD50	2 600
(Total Salary).....		2 700
37. Donald L. Dewhirst, Instructor.....	C-D	(5 400)
38. Edward D. Gurley, Instructor.....	C-D	5 300
39. Raymond Hagglund, Instructor.....	C-D50	5 400
40. Kent L. Lawrence, Instructor.....	C-D50	2 900
41. Algirdas Marchertas, Instructor.....	C-D50	2 600
42. John W. Murdock, Instructor.....	C-D	2 600
43. Bruce G. Rogers, Instructor.....	C-D	5 800
44. Jerry W. Schweiker, Instructor.....	C-D	5 600
45. Dale B. Taulbee, Instructor.....	C-D50	5 900
46. ———, Instructor.....	C-D	2 700
47. ———, Instructor.....	C-ZD50	2 000
(Total Salary).....		3 150
48. ———, Instructor.....	C-D50	(6 300)
49. ———, Instructor.....	C-D50	2 700
50. ———, Instructor.....	C-D	2 700
51. ———, Instructor.....	C-D	5 600
52. 3.50 Full Time Equivalent Assistants.....	C-E	5 800
Nonacademic Salaries.....	C	14 500
Nonacademic Salaries.....	S	38 970
Total, Salaries.....	C	21 440
Wages.....	C	(428 360)
Wages.....	S	2 560
Expense.....	C	1 720
		8 800

Expense.....	S	5 000
Equipment.....	C	6 500
Equipment.....	S	5 500
<i>Total, Wages, Expense, and Equipment.....</i>	C	(30 080)
<i>Total, Theoretical and Applied Mechanics.....</i>		\$458 440

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-ZDY75	\$ 8 100
(Total Salary).....		(10 800)

U.S. AIR FORCE 5658

Account Number 46-22-60-301

1. Bichara B. Muvdi, Research Associate.....	S-D50	\$ 2 700
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U.S. ARMY ORDNANCE 593

Account Number 46-22-60-304

1. C. W. Tseng, Research Assistant Professor.....	S-B	\$ 6 300
2. Morris Stern, Research Associate.....	S-D	6 200
<i>Total, U.S. Army Ordnance 593.....</i>		\$12 500

U.S. AIR FORCE 5153

Account Number 46-22-60-305

1. Hao Wen Liu, Research Assistant Professor.....	S-ZB50	\$ 3 150
(Total Salary).....		(6 300)
2. Philip E. Bennett, Instructor.....	S-ZD50	2 700
<i>Total, U.S. Air Force 5153.....</i>		\$ 5 850

U.S. N.O.B.S. 72069

Account Number 46-22-60-354

1. Richard W. Hradek, Research Associate.....	S-D	\$ 5 200
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U.S. OFFICE OF NAVAL RESEARCH 2947-OIX

Account Number 46-22-60-370

1. Ralph E. Cramer, Research Associate Professor of Engineering Materials.....	S-ZDY25	\$ 2 700
2. Hao Wen Liu, Research Assistant Professor.....	S-ZB50	3 150
<i>Total, U.S. Office of Naval Research 2947-OIX.....</i>		\$ 5 850

STATE OF ILLINOIS DIVISION OF HIGHWAYS —**FATIGUE FAILURE IN CONCRETE**

Account Number 47-22-60-325

1. James M. Doyle, Research Associate.....	S-D50	\$ 2 500
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COLLEGE OF FINE AND APPLIED ARTS**General**

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
Administration.....	\$ 45 420	\$ 9 900	\$ 55 320
Special Art Project.....		21 500	21 500
Architecture.....	428 830	11 000	439 830
Art.....	414 980	21 200	436 180
City Planning and Landscape Architecture..	102 280	3 800	106 080
School of Music.....	646 500	50 000	696 500
University of Illinois Bands.....	39 430	18 300	57 730
Krannert Art Museum.....	23 430	7 600	31 030
<i>Total, Instruction.....</i>	<i>(1 700 870)</i>	<i>(143 300)</i>	<i>(1 844 170)</i>

	Salaries	Wages, Ex- pense, and Equipment	Total
<i>Organized Research</i>			
Small Homes Council.....	69 430	7 900	77 330
<i>Extension and Public Services</i>			
Bureau of Community Planning.....	65 870	5 775	71 645
<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>	<u>\$1 836 170</u>	<u>\$167 975</u>	<u>\$2 004 145</u>

Restricted

	Salaries	Wages, Ex- pense, and Equipment	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.....	.....	3 000	3 000
<i>Total, Instruction.....</i>	.....	(10 500)	(10 500)
<i>Organized Research</i>			
Small Homes Council Testing Revolving....	.....	200	200
Estimated Private Gifts.....	\$ 5 000	5 000	10 000
<i>Total, Organized Research.....</i>	(5 000)	(5 200)	(10 200)
<i>Extension and Public Services</i>			
Small Homes Council Publications Revolving	2 820	34 450	37 270
Estimated Indirect Costs.....	.....	500	500
<i>Total, Extension and Public Services..</i>	(2 820)	(34 950)	(37 770)
<i>Total, Restricted.....</i>	<u>\$ 7 820</u>	<u>\$50 650</u>	<u>\$58 470</u>

Administration

Account Number 00-24-01-100		
1. Allen S. Weller, Dean.....	ZBY	\$ 21 000
2. Rexford Newcomb, Dean and Professor of Architec- ture, <i>Emeritus</i>	R	.....
3. C. E. Palmer, Associate Dean, <i>Emeritus</i>	ZR	.....
4. Robert P. Link, Associate Dean.....	ZBY	13 500
Nonacademic Salaries.....		10 920
<i>Total, Salaries.....</i>		(45 420)
Wages.....		700
Expense.....		2 500
Special Art Project.....		14 500
Contingent.....		5 000
Convention Travel.....		7 000
Nonrecurring Unassigned.....		(2 000)
Equipment.....		1 700
<i>Total, Wages, Expense, and Equipment.....</i>		(31 400)
<i>Total, Administration.....</i>		<u>\$ 76 820</u>

Architecture

Account Number 00-24-05-100		
1. Alan K. Laing, Professor.....	A}	\$ 16 000
Chairman of Department.....	B}	
2. Linwood J. Brightbill, Professor of Architectural Engi- neering.....	A	11 750
3. Walter L. Creese, Professor.....	A	10 150
4. O. S. Fjelde, Professor.....	A	10 600
5. Gabriel Guevrekian, Professor.....	A	11 000
6. Rudard A. Jones, Research Professor.....	ZAY	.....
7. Granville S. Keith, Professor.....	A	14 300

8. F. M. Lescher, Professor, <i>Emeritus</i>	R	.....
9. D. B. Lindsay, Professor.....	A	14 300
10. Robert P. Link, Professor.....	ZAY	.....
11. E. I. Love, Professor.....	A	14 300
12. Fred D. Miles, Professor.....	A	10 600
13. C. E. Palmer, Professor of Architectural Engineering, <i>Emeritus</i>	ZR	.....
14. L. H. Provine, Professor, <i>Emeritus</i>	R	.....
15. Robert J. Smith, Professor.....	A	14 300
(On leave with pay second semester 1960-61)		
16. E. F. Toth, Professor.....	A	14 300
17. Chu-Kia Wang, Professor of Architectural Engineering A (On leave with one-half pay 1960-61)	A	13 300
18. A. Richard Williams, Professor.....	A	14 300
19. Jack S. Baker, Associate Professor.....	A	10 000
20. George T. Clayton, Associate Professor.....	A	10 400
21. Ernest A. Connally, Associate Professor.....	A	9 550
22. Paul H. Coy, Associate Professor.....	A	9 400
23. Earl M. Farnham, Associate Professor.....	A	8 000
24. George M. Hodge, Jr., Associate Professor.....	ZA ⁵⁰	5 080
Assistant to Chairman of Department.....	ZAY ⁵⁰	6 220
(Total Salary)		(11 300)
25. Harold L. Hornbeak, Associate Professor.....	A	10 000
26. Walter M. Johnson, Associate Professor of Architec- tural Drawing	A	8 000
27. William H. Kapple, Research Associate Professor....	ZAY	.....
28. Ralph M. Line, Associate Professor.....	A	8 000
29. Charles B. Looker, Jr., Associate Professor.....	A	9 500
30. T. E. O'Donnell, Associate Professor, <i>Emeritus</i>	R	.....
31. John G. Replinger, Associate Professor.....	A	9 850
(On leave with pay second semester 1960-61)		
32. James E. Ambrose, Assistant Professor.....	B	7 300
33. Donald E. Brotherson, Research Assistant Professor..	ZBY	.....
34. Edward L. Deam, Assistant Professor.....	B	7 750
35. Raymond Dipasquale, Assistant Professor.....	B	7 200
36. Theodore E. Kurz, Assistant Professor.....	B	7 500
37. Bruno Leon, Assistant Professor.....	B	7 800
38. Walter H. Lewis, Assistant Professor.....	B	8 000
39. Carl R. Nelson, Jr., Assistant Professor.....	B	6 500
40. William J. O'Connell, Assistant Professor.....	B	8 300
41. Donald E. Sporleder, Assistant Professor.....	B	7 400
42. James B. Wallace, Assistant Professor of Architectural Drawing.....	B	7 600
43. Harold C. Young, Assistant Professor.....	B	8 400
44. ———, Assistant Professor.....	B	8 500
45. ———, Assistant Professor.....	B	8 000
46. Dale R. Johnson, Instructor.....	D	6 200
47. ———, Instructor	D	6 000
48. ———, Instructor	D	5 500
49. 6.75 Full Time Equivalent Assistants.....	E	25 650
Nonacademic Salaries		12 030
<i>Total, Salaries</i>		(428 830)
Wages.....		800
Expense.....		7 700
Equipment.....		2 500
<i>Total, Wages, Expense, and Equipment</i>		(11 000)
<i>Total, Architecture</i>		\$439 830

Art

Account Number 00-24-10-100

1. James R. Shipley, Professor and Head of Department A	\$ 15 400
2. LaForce Bailey, Professor, <i>Emeritus</i>.....	.....
3. Edward H. Betts, Professor.....	9 000
4. C. E. Bradbury, Professor, <i>Emeritus</i>.....	.....

5. Nicholas Britsky, Professor.....	A	9 700
6. Lee R. Chesney, Professor.....	A	9 700
7. Charles A. Dietemann, Professor.....	A	10 500
8. C. V. Donovan, Professor.....	ZA50	6 850
(Total Salary)		(13 700)
9. W. F. Doolittle, Professor.....	A	12 000
10. James D. Hogan, Professor.....	A	11 000
11. J. William Kennedy, Professor.....	A	10 200
12. Edwin C. Rae, Professor.....	A	10 100
13. Frank J. Roos, Jr., Professor.....	A	10 800
14. Harold A. Schultz, Professor.....	ZA50	5 800
(Total Salary)		(11 600)
15. Allen S. Weller, Professor.....	ZAY	.....
16. Louise M. Woodroffe, Professor, <i>Emerita</i>	R	.....
17. _____, Professor	A	9 600
18. _____, Professor	A	10 000
19. Glenn R. Bradshaw, Associate Professor.....	A	9 000
20. Carleton W. Briggs, Associate Professor.....	A	8 900
21. George N. Foster, Associate Professor.....	A	8 000
22. Donald E. Frith, Associate Professor.....	A	7 500
23. R. E. Hult, Associate Professor.....	A	8 800
24. Kenneth M. Lansing, Associate Professor.....	ZA50	4 050
(Total Salary)		(8 100)
25. Marvin B. Martin, Associate Professor.....	A	9 000
26. Raymond Perlman, Associate Professor.....	A	9 000
27. John Raushenberger, Associate Professor.....	A	8 000
28. Mark Sprague, Associate Professor.....	A	8 500
29. Robert A. Von Neumann, Associate Professor.....	A	7 800
30. Edward J. Zagorski, Associate Professor.....	A	9 000
31. Nicola Ziroli, Associate Professor.....	A	8 400
32. Carl R. Heldt, Assistant Professor.....	B	6 900
33. Billy M. Jackson, Assistant Professor.....	B	6 300
34. James H. G. Lynch, Assistant Professor.....	B	7 500
35. Dwight C. Miller, Assistant Professor.....	B	6 500
36. Charles W. Sanders, Assistant Professor.....	B	8 200
37. Arthur R. Sinsabaugh, Assistant Professor.....	B	7 500
38. Harry F. Breen, Jr., Instructor.....	ZD50	3 000
(Total Salary)		(6 000)
39. Raymond B. Brown, Instructor.....	D	5 200
40. Ernest F. DeSoto, Instructor.....	D	5 400
41. William Fothergill, Jr., Instructor.....	D	6 500
42. Frank Gallo, Instructor.....	D	5 500
43. Thomas H. Garver, Instructor.....	ZDY	.....
44. Norman T. McFarland, Instructor.....	D	6 700
45. Alvin D. Moore, Instructor.....	D	5 800
46. Leonard H. Price, Instructor.....	D	6 400
47. G. David Shaner, Instructor.....	D	5 500
48. Eugene C. Wicks, Instructor.....	D	5 600
49. _____, Instructor	D	5 600
50. _____, Instructor	D	5 300
51. _____, Instructor	D	5 400
52. _____, Instructor	D	5 300
53. _____, Instructor	D	5 300
54. _____, Instructor	D	5 300
55. 6.00 Full Time Equivalent Assistants.....	E	23 700
Nonacademic Salaries		13 980
Total, Salaries		(414 980)
Wages.....		8 000
Expense		10 000
Equipment		3 200
Total, Wages, Expense, and Equipment.....		(21 200)
Total, Art		\$436 180

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	\$ 14 700
2. Harland Bartholomew, Professor, <i>Emeritus</i>	R	.....
3. William I. Goodman, Professor of City Planning.....	A	10 600
4. Brian Hackett, Visiting Professor of Landscape Architecture.....	FY	11 000
(Effective March 1, 1960, to February 28, 1962)		
5. Walter M. Keith, Professor of Landscape Architecture	A	10 600
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. ———, Professor of City Planning	A	9 050
11. Scott Keyes, Associate Professor of Regional Planning (Total Salary)	ZAY40	4 550 (11 250)
12. Philip H. Lewis, Jr., Associate Professor of Landscape Architecture	ZAY85	7 800 (9 500)
13. I. L. Peterson, Associate Professor of Landscape Architecture, <i>Emeritus</i>	R	.....
14. Thomas C. Hazlett, Assistant Professor of Landscape Architecture	B	7 350
15. Robert D. Katz, Assistant Professor of City and Regional Planning	B	7 700
16. ———, Assistant Professor of City Planning...	B50	3 500
17. Alan G. Winslow, Instructor in Landscape Architecture	D	6 900
18. 1.25 Full Time Equivalent Assistants.....	E	4 750
Nonacademic Salaries		3 780
Total, Salaries		(102 280)
Wages.....		200
Expense		2 500
Equipment		1 100
Total, Wages, Expense, and Equipment.....		(3 800)
Total, City Planning and Landscape Architecture....		\$106 080

Bureau of Community Planning

Account Number 00-24-16-400

1. Louis B. Wetmore, Director.....	ZA	.....
2. Victor A. Hyde, Professor of Community Planning... (On leave with pay first semester 1960-61)	AY	\$ 11 300
3. Joseph M. Heikoff, Assistant Director.....	BY}	13 500
Associate Professor of Regional Planning.....	AY}	
4. Scott Keyes, Associate Professor of Regional Planning (Total Salary)	ZAY60	6 700 (11 250)
5. Philip H. Lewis, Jr., Associate Professor of Landscape Architecture	ZAY15	1 700 (9 500)
(Total Salary)		
6. George T. Marcou, Associate Professor of Community Planning.....	AY	9 300
7. Jerome Kaufman, Assistant Professor of Community Planning.....	BY	8 150
8. Eric C. Freund, Instructor in Community Planning...	DY	7 700
9. 1.25 Full Time Equivalent Assistants.....	E	4 750
Nonacademic Salaries		10 470
Total, Salaries		(65 870)
Wages.....		500
Expense		5 275
Expense Nonrecurring		(800)
Total, Wages, Expense, and Equipment.....		(5 775)
Total, Bureau of Community Planning.....		\$ 71 645

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 Engineering.....	ZD50	\$ 3 300
(Total Salary)		(6 600)

School of Music

Account Number 00-24-25-100

1. Duane A. Branigan, Director.....	BY}	\$ 18 400
Professor.....	AY}	
2. Andrew Morris Carter, Assistant to Director.....	AY75	7 700
Associate Professor	A25	2 100
(Total Salary)		(9 800)
3. Bjornar Bergethon, Professor.....	A	11 400
4. Gordon W. Binkerd, Professor.....	A	9 300
5. Dorothy E. Bowen, Professor.....	A	9 750
6. Harold A. Decker, Professor.....	A	11 500
7. Stanley Fletcher, Professor.....	A	11 600
(On leave with one-half pay 1960-61)		
8. Bruce R. Foote, Professor.....	A	11 800
9. John C. Garvey, Professor.....	A60}	9 700
Artist in Residence.....	D40}	
10. Scott Goldthwaite, Professor.....	A	11 100
11. Bernard M. Goodman, Professor.....	A60}	10 500
Artist in Residence.....	D40}	
12. Mark H. Hindsley, Professor.....	ZA33	4 190
(Total Salary)		(14 400)
13. Hubert Kessler, Professor.....	A	11 600
14. John M. Kuypers, Professor.....	A	10 000
(On leave without pay two years from September 1, 1959)		
15. Charles Leonhard, Professor.....	A	12 100
16. R. H. Miles, Professor.....	A	11 700
17. Paul S. Pettinga, Professor.....	ZA75	7 800
(Total Salary)		(10 400)
18. Burrill Phillips, Professor.....	A	11 800
(On leave with one-half pay first semester and without pay second semester 1960-61)		
19. Dragan Plamenac, Professor.....	A	12 000
(On leave with pay second semester 1960-61)		
20. Paul Rolland, Professor.....	A	11 200
(On leave with one-half pay 1960-61)		
21. W. L. Roosa, Professor, <i>Emeritus</i>	R	.....
22. Homer C. Schmitt, Professor.....	A60}	9 200
Artist in Residence.....	D40}	
23. Sherman Schoonmaker, Professor.....	A	11 200
24. Haskell O. Sexton, Professor.....	ZA75	7 150
(Total Salary)		(9 500)
25. Soulima Stravinsky, Professor.....	A	11 600
26. Robert H. Swenson, Professor.....	A60}	9 300
Artist in Residence.....	D40}	
27. Edith M. Usry, Professor, <i>Emerita</i>	R	.....
28. Gilbert R. Waller, Professor.....	ZA50	4 825
(Total Salary)		(9 650)
29. Jane C. Watt, Professor.....	A	10 000
30. Velma K. Wilson, Professor.....	ZA67	6 520
(Total Salary)		(9 750)
31. Ludwig Zirner, Professor.....	A	10 200
32. Jean Berger, Associate Professor.....	A	(9 000)
(Paid from item 14)		

33. Guy M. Duker, Associate Professor.....	ZA33	2 800
(Total Salary)		(9 750)
34. Beth B. Eisner, Associate Professor, <i>Emerita</i>	R	.....
35. LeRoy Hamp, Associate Professor.....	A	7 900
36. George H. Hunter, Associate Professor.....	A	8 700
37. King Kellogg, Associate Professor.....	A	8 000
(On leave with pay first semester 1960-61)		
38. J. Robert Kelly, Associate Professor.....	A	8 850
(On leave with pay second semester 1960-61)		
39. Colleen J. Kirk, Associate Professor.....	ZA33	2 700
(Total Salary)		(8 100)
40. Everett D. Kisinger, Associate Professor.....	ZA33	3 135
(Total Salary)		(9 500)
41. A. J. McDowell, Associate Professor.....	ZA75	6 400
(Total Salary)		(8 500)
42. John Paul Painter, Associate Professor.....	ZAY	.....
43. W. George Reeves, Associate Professor.....	A	8 700
44. Claire L. Richards, Associate Professor.....	A	8 400
45. Alexander L. Ringer, Associate Professor.....	A	10 400
46. Grace E. Wilson, Associate Professor.....	A	8 500
47. James Louis Bailey, Assistant Professor.....	B	7 200
48. Dorothy E. Clark, Assistant Professor.....	B	6 900
49. Willis R. Coggins, Assistant Professor.....	B	7 000
50. Charles O. DeLaney, Assistant Professor.....	B	7 400
51. Peter S. Farrell, Assistant Professor.....	B	7 600
52. Robert E. Gray, Assistant Professor.....	B	7 300
53. Lejaren A. Hiller, Jr., Assistant Professor.....	ZB50	3 750
(Total Salary)		(7 800)
54. Thomas L. Holden, Assistant Professor.....	B	7 400
55. Ben B. Johnston, Jr., Assistant Professor.....	B	6 900
56. C. J. Kleinsteuber, Assistant Professor.....	B	7 200
57. Edward J. Krolick, Assistant Professor.....	B	6 600
58. David A. Ledet, Assistant Professor.....	B	6 300
59. Jack H. McKenzie, Assistant Professor.....	ZB75	5 185
(Total Salary)		(6 900)
60. William H. Miller, Assistant Professor.....	B	7 700
61. Daniel J. Perrino, Assistant Professor.....	ZDY	.....
62. Carolyn Powell, Assistant Professor.....	B	7 300
63. Thomas S. Richardson, Assistant Professor.....	ZBY	.....
64. Dean W. Sanders, Assistant Professor.....	B	6 700
65. Raymond E. Williams, Assistant Professor.....	ZB33	2 375
(Total Salary)		(7 150)
66. ———, Assistant Professor.....	B	7 000
67. Kathryn J. Sutherland, Associate, <i>Emerita</i>	R	.....
68. Edward S. Berry, Jr., Instructor.....	D	6 200
69. James L. Campbell, Instructor.....	D	4 800
70. L. Thomas Fredrickson, Instructor.....	D	6 900
71. Kenneth L. Gaburo, Instructor.....	D	6 800
72. James B. Lyke, Instructor.....	D	6 100
73. George R. Mathis, Instructor.....	D	6 300
74. Stella Percival, Instructor, <i>Emerita</i>	R	.....
75. Marilyn R. Pfederer, Instructor.....	ZD83	5 150
(Total Salary)		(6 200)
76. Martin Picker, Instructor.....	D	5 800
77. Robert B. Smith, Instructor.....	ZD50	3 200
(Total Salary)		(6 400)
78. Alan R. Thomas, Instructor.....	ZD33	2 230
(Total Salary)		(4 460)
79. ———, Instructor	D	5 000
80. Hunter Johnson, Visiting Composer.....	E	(7 050)
(Paid from item 18)		
81. 10.50 Full Time Equivalent Assistants.....	E	40 790
Nonacademic Salaries		47 700
Total, Salaries		(646 500)

Wages.....	4 000
Expense.....	26 000
Equipment.....	20 000
<i>Total, Wages, Expense, and Equipment.....</i>	<u>(50 000)</u>
<i>Total, School of Music.....</i>	\$696 500

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 Records 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	\$ 10 210
(Total Salary).....		(14 400)
2. Haskell O. Sexton, Professor.....	ZA25	2 350
(Total Salary).....		(9 500)
3. Guy M. Duker, Assistant to Director.....	ZBY67	6 950
(Total Salary).....		(9 750)
4. Everett D. Kisinger, Assistant Director.....	ZB67	6 365
(Total Salary).....		(9 500)
5. A. J. McDowell, Associate Professor.....	ZA25	2 100
(Total Salary).....		(8 500)
6. Jack H. McKenzie, Assistant Professor.....	ZB25	1 715
(Total Salary).....		(6 900)
7. 0.25 Full Time Equivalent Assistants.....	E	950
Nonacademic Salaries.....		8 790
<i>Total, Salaries.....</i>		(39 430)
Wages.....		3 500
Expense.....		9 300
Equipment.....		5 500
<i>Total, Wages, Expense, and Equipment.....</i>		<u>(18 300)</u>
<i>Total, University of Illinois Bands.....</i>		\$ 57 730

University of Illinois Bands Revolving

Account Number 12-24-35-170

Expense.....	\$ 5 000
<i>Total, University of Illinois Bands Revolving.....</i>	\$ 5 000

Band Scholarship and Commencement Expense

Account Number 00-24-36-880

Expense.....	\$ 6 000
<i>Total, Band Scholarship and Commencement Expense.....</i>	\$ 6 000

Small Homes Council - Building Research Council

Account Number 00-24-50-300

1. Rudard A. Jones, Director.....	ZBY	\$ 14 800
2. William H. Kapple, Research Associate Professor of Architecture.....	ZAY	9 600
3. Donald E. Brotherson, Research Assistant Professor of Architecture.....	ZBY	9 250

4. Donald H. Percival, Research Assistant Professor of Wood Technology and Utility, in Forestry.....	ZBY	7 800
5. Mary Z. Glockner, Editor with rank of Assistant Professor.....	BY	7 800
6. 0.12 Full Time Equivalent Assistants.....	E	500
Nonacademic Salaries		19 680
<i>Total, Salaries</i>		(69 430)
Wages.....		1 400
Expense.....		5 500
Equipment.....		1 000
<i>Total, Wages, Expense, and Equipment</i>		(7 900)
<i>Total, Small Homes Council — Building Research Council</i>		\$ 77 330

Small Homes Council Testing Revolving

Account Number 12-24-50-382

Expense	\$ 200
<i>Total, Small Homes Council Testing Revolving</i>	\$ 200

Small Homes Council Publications Revolving

Account Number 12-24-50-466

Nonacademic Salaries	\$ 2 820
<i>Total, Salaries</i>	(2 820)
Wages.....	3 000
Expense.....	30 950
Equipment.....	500
<i>Total, Wages, Expense, and Equipment</i>	(34 450)
<i>Total, Small Homes Council Publications Revolving</i> ..	\$ 37 270

Krannert Art Museum

Account Number 00-24-80-100

1. C. V. Donovan, Director.....	ZA50	\$ 6 850
(Total Salary)		(13 700)
2. Thomas H. Garver, Assistant to Director.....	ZDY	7 000
3. 0.50 Full Time Equivalent Assistants.....	E	1 900
Nonacademic Salaries		7 680
<i>Total, Salaries</i>		(23 430)
Expense and Equipment.....		2 600
Exhibits and Lectures.....		5 000
<i>Total, Wages, Expense, and Equipment</i>		(7 600)
<i>Total, Krannert Art Museum</i>		\$ 31 030

GRADUATE COLLEGE**General**

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
Administration.....	\$114 120	\$17 550	\$ 131 670
Graduate Center for Advanced Study.....	40 375	.....	40 375
<i>Total, Instruction</i>	(154 495)	(17 550)	(172 045)
<i>Organized Research</i>			
Special Fund.....	40 085	.....	40 085
Research.....	80 250	74 000	154 250
Digital Computer Laboratory.....	203 130	96 030	299 160
Illinois Historical Survey.....	7 800	1 100	8 900
Natural Areas and Uncultivated Lands.....	4 803	850	5 653
Physical Environment Unit.....	8 004	4 250	12 254
Radiocarbon Laboratory.....	24 190	16 800	40 990
General Publications.....	.....	50 500	50 500
<i>Organized Research</i>	(368 262)	(243 530)	(611 792)
<i>Student Aid</i>			
Fellowships.....	.....	262 500	262 500
<i>Total, General</i>	\$522 757	\$523 580	\$1 046 337

Restricted		<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
<i>Instruction</i>	<i>Salaries</i>		
Thesis and Microfilm Revolving.....		\$ 8 000	\$ 8 000
<i>Organized Research</i>			
Estimated Indirect Costs.....	\$200 000	100 000	300 000
Estimated Private Gifts.....	20 000	20 000	40 000
Estimated U.S. Contracts.....	220 000	250 000	470 000
<i>Total, Organized Research</i>	<i>(440 000)</i>	<i>(370 000)</i>	<i>(810 000)</i>
<i>Total, Restricted</i>	<i>\$440 000</i>	<i>\$378 000</i>	<i>\$818 000</i>

Administration

Account Number 00-26-01-100

1. F. T. Wall, Dean.....	ZBY80	\$ 19 200
(Total Salary)		(24 000)
2. Harlan D. Bareither, Director of Central Office on the Use of Space.....	ZBY23	3 000
(Total Salary)		(13 000)
3. R. D. Carmichael, Dean, <i>Emeritus</i>	ZR	.....
4. J. Austin Ranney, Associate Dean.....	ZBY59	7 700
(Total Salary)		(12 500)
(Includes full time in the summer)		
5. H. R. Snyder, Associate Dean.....	ZB50	7 800
(Total Salary)		(15 600)
6. Robert M. Sutton, Associate Dean.....	ZBY73	9 250
(Total Salary)		(12 500)
(Includes full time in the summer)		
7. Robert A. Schuiteman, Director of Office of Foreign Students.....	ZDY 50	4 750
(Total Salary)		(9 500)
8. Helen M. Hay, Assistant to Dean.....	DY	9 400
Nonacademic Salaries		53 020
<i>Total, Salaries</i>		<i>(114 120)</i>
Wages		1 450
Expense		11 500
Contingent.....		3 000
Convention Travel		600
Equipment		1 000
<i>Total, Wages, Expense, and Equipment</i>		<i>(17 550)</i>
<i>Total, Administration</i>		<i>\$131 670</i>

Thesis and Microfilm Revolving

Account Number 12-26-01-132

Expense	\$ 8 000
<i>Total, Thesis and Microfilm Revolving</i>	<i>\$ 8 000</i>

Radiation Hazards Workman's Compensation

Account Number 44-26-01-316

1. Jerome J. Steerman, University Health Physicist with rank of Instructor.....	DY	\$ 9 100
2. Paul R. Hesselmann, Assistant Health Physicist.....	DY	7 200
3. 1.00 Full Time Equivalent Assistants.....	DY	5 000
Expense		5 000
<i>Total, Radiation Hazards Workman's Compensation</i>		<i>\$ 26 300</i>

Special Fund

Account Number 00-26-05-300

1. Dallas W. Smythe, Research Professor of Communica- tions.....	ZA50	\$ 6 200
(Total Salary)		(12 400)
2. Joseph J. Rotman, Research Associate in Mathematics	D	5 800

3. Joe M. Parks, Research Associate in Chemistry.....	DY	7 200
4. Paul J. Gans, Research Associate in Chemistry.....	DY	6 000
5. _____, Research Associate.....	DY75	4 425
6. 1.00 Full Time Equivalent Assistants.....	E	3 800
Nonacademic Salaries		6 660
<i>Total, Special Fund.....</i>		<u>\$ 40 085</u>

Indirect Costs — Special Graduate Fund

Account Number 41-26-05-300

1. Lejaren A. Hiller, Jr., Assistant Professor of Music..	ZB50	\$ 4 050
(Total Salary)		(7 800)

Research

Account Number 00-26-10-390

1. 21.00 Full Time Equivalent Assistants.....	G	\$ 80 250
Wages, Unassigned		38 000
Expense, Unassigned		20 000
Equipment, Unassigned		16 000
<i>Total, Research</i>		<u>\$154 250</u>

Graduate Research in Animal Science — Forbes

Account Number 01-15-20-327

1. Desmond M. McAleese, Research Associate in Animal Science	S-ZDY16	\$ 1 000
<i>Total, Graduate Research in Animal Science — Forbes</i>		<u>\$ 1 000</u>

Digital Computer Laboratory

Account Number 00-26-15-300

1. _____, Head	AY	\$ 18 000
2. David E. Muller, Research Professor of Applied Mathematics	ZA	12 900
3. James E. Robertson, Research Professor of Electrical Engineering.....	ZA	14 200
4. James N. Snyder, Research Professor of Physics.....	ZA	13 200
5. A. H. Taub, Research Professor of Applied Mathematics and Acting Head.....	ZA	21 000
6. Donald B. Gillies, Research Associate Professor of Applied Mathematics	{ZA50	4 590
(Total Salary)	{ZAY50	5 610
		(10 200)
7. Bruce H. McCormick, Research Associate Professor..	A	10 000
8. Wolfgang Poppelbaum, Research Associate Professor of Electrical Engineering.....	{ZA50	4 800
(Total Salary)	{ZAY50	5 800
		(10 600)
9. Lloyd D. Fosdick, Research Assistant Professor of Physics	ZB	9 000
10. Gernot A. Metzke, Research Assistant Professor.....	BY	8 500
11. Kern W. Dickman, Research Assistant.....	DY	7 000
12. 2.00 Full Time Equivalent Assistants.....	E	7 600
13. 1.00 Full Time Equivalent Assistants.....	DY	4 800
Nonacademic Salaries		56 130
<i>Total, Salaries</i>		(203 130)
Wages		9 430
Expense		71 600
Equipment		15 000
<i>Total, Wages, Expense, and Equipment.....</i>		<u>(96 030)</u>
<i>Total, Digital Computer Laboratory.....</i>		<u>\$299 160</u>

Indirect Costs — Digital Computer 650 Rental

Account Number 40-26-15-315

Expense		\$ 15 000
<i>Total, Indirect Costs — Digital Computer 650 Rental</i>		<u>\$ 15 000</u>

Cooperative Investigations**U.S. ATOMIC ENERGY COMMISSION 415**

Account Number 46-26-15-303

1. H. C. Brearley, Jr., Research Assistant Professor....	ZBY75	\$ 8 250
(Total Salary)		(11 000)
2. Jacqueline W. Flenner, Research Assistant.....	E	3 800
3. Myron Melman, Research Assistant.....	DY	8 250
<i>Total, U.S. Atomic Energy Commission 415.....</i>		<u>\$ 20 300</u>

U.S. NATIONAL SCIENCE FOUNDATION G9503

Account Number 46-26-15-357

1. Judith Blankfield, Research Associate.....	DY	\$ 6 115
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Center for Advanced Study

Account Number 00-26-20-100

1. John Bardeen, Member.....	ZG	\$ 1 500
(Total Salary)		(21 500)
(Effective five years from September 1, 1959)		
2. J. L. Doob, Member.....	ZG	3 000
(Total Salary)		(20 500)
(Effective five years from September 1, 1959)		
3. R. C. Fuson, Member.....	ZG	3 000
(Total Salary)		(18 000)
(Effective five years from September 1, 1959)		
4. Julian H. Steward, Member.....	ZG	3 000
(Total Salary)		(17 500)
(Effective five years from September 1, 1959)		
5. Richard E. Downs, Research Associate in Anthropology	D	6 300
6. Frederic K. Lehman, Research Associate in Anthro-	D	6 000
pology		17 575
7. Salaries, Unassigned		<u>\$ 40 375</u>
<i>Total, Center for Advanced Study.....</i>		

Electron Microscope Laboratory**U.S. National Science Foundation Program**

Account Number 41-26-21-356

1. Rubin Borasky, Electron Micrographer.....	DY	\$ 9 600
<i>Total, U.S. National Science Foundation Program...</i>		<u>\$ 9 600</u>

Illinois Historical Survey

Account Number 00-26-25-300

1. Marguerite J. Pease, Director with rank of Assistant	D50	\$ 4 000
Professor.....		3 800
2. 100 Full Time Equivalent Assistants.....	E	(7 800)
<i>Total, Salaries</i>		400
Wages.....		500
Expense		200
Equipment		(1 100)
<i>Total, Wages, Expense, and Equipment.....</i>		<u>\$ 8 900</u>
<i>Total, Illinois Historical Survey.....</i>		

Natural Areas and Uncultivated Land

Account Number 00-26-33-300

Nonacademic Salaries	\$ 4 803
Expense	850
<i>Total, Natural Areas and Uncultivated Land.....</i>	<u>\$ 5 653</u>

Physical Environment Unit

Account Number 00-26-35-300

1. M. K. Fahnestock, Chairman.....	ZDY	\$
Nonacademic Salaries		8 004
<i>Total, Salaries</i>		<u>(8 004)</u>

Expense	2 250
Equipment	2 000
<i>Total, Wages, Expense, and Equipment.....</i>	<u>(4 250)</u>
<i>Total, Physical Environment Unit.....</i>	\$ 12 254

Radiocarbon Laboratory

Account Number 00-26-40-300	
1. Robert F. Nystrom, Associate Professor of Chemistry AY	\$ 11 400
2. George Wolf, Associate Professor of Animal Nutrition ZAY	9 150
3. 0.50 Full Time Equivalent Assistants..... E	1 900
Nonacademic Salaries	1 740
<i>Total, Salaries</i>	<u>(24 190)</u>
Wages	1 300
Expense	12 500
Equipment	3 000
<i>Total, Wages, Expense, and Equipment.....</i>	<u>(16 800)</u>
<i>Total, Radiocarbon Laboratory.....</i>	\$ 40 990

General Publications

Account Number 00-26-50-332	
Expense, Illinois Studies.....	\$ 12 500
Expense, Journal of English and Germanic Philology.....	4 000
Expense, General Publications.....	4 000
Expense, Scholarly Publications.....	30 000
<i>Total, General Publications.....</i>	\$ 50 500

Fellowships

Account Number 00-26-65-880	
Stipends of Fellows.....	\$262 500
<i>Total, Fellowships</i>	\$262 500

State Natural History Survey**Cooperative Investigations**

U.S. PUBLIC HEALTH SERVICE EI349

Account Number 46-26-82-368

1. Thomas R. B. Barr, Instructor in Veterinary Pathology and Hygiene.....	DY75	\$ 4 350
2. Bobbie J. Verts, Field Mammalogist, Wildlife Research	DY	5 600
3. Erwin W. Pearson, Research Assistant.....	DY	5 600
<i>Total, U.S. Public Health Service EI349.....</i>		\$ 15 550

State Water Survey**Cooperative Investigations**

U.S. AIR FORCE 4940

Account Number 46-26-84-306

1. Kenneth E. Wilk, Research Assistant.....	FY	\$ 7 500
(Effective July 1, 1960)		

U.S. ARMY SIGNAL CORPS 75055

Account Number 46-26-84-312

1. Douglas M. A. Jones, Research Associate.....	FY	\$ 7 800
(Effective July 1, 1960)		
2. Eugene A. Mueller, Research Associate.....	FY	9 600
(Effective July 1, 1960)		
3. Miyuki Fujiwara, Research Assistant.....	FY	5 200
(Effective July 1, 1960)		
<i>Total, U.S. Army Signal Corps 75055.....</i>		<u>\$ 22 600</u>

U.S. NATIONAL SCIENCE FOUNDATION G6352

Account Number 46-26-84-356

1. James W. Bullock, Research Associate.....	FY	\$ 7 500
(Effective July 1, 1960)		

U.S. PUBLIC HEALTH SERVICE G4007

Account Number 46-26-84-366

1. Mary C. Brooks, Research Assistant.....	FY	\$ 5 700
(Effective July 1, 1960)		
2. Donal E. Etter, Research Assistant.....	FY	4 650
(Effective July 1, 1960)		
<i>Total, U.S. Public Health Service G4007.....</i>		<u>\$ 10 350</u>

COLLEGE OF JOURNALISM AND COMMUNICATIONS

General		Wages, Ex- pense, and Equipment	Total
<i>Instruction</i>	<i>Salaries</i>		
Administration.....	\$ 45 190	\$ 18 350	\$ 63 540
Advertising.....	46 000	.....	46 000
Journalism.....	89 775	.....	89 775
Radio and Television.....	39 515	.....	39 515
<i>Total, Instruction.....</i>	<i>(220 480)</i>	<i>(18 350)</i>	<i>(238 830)</i>
<i>Organized Research</i>			
Institute of Communications Research.....	61 665	3 100	64 765
<i>Extension and Public Services</i>			
<i>Broadcasting</i>			
Administration.....	13 890	1 000	14 890
Radio Station.....	107 532	45 200	152 732
Television-Motion Pictures.....	99 608	56 600	156 208
<i>Total, Extension and Public Services.....</i>	<i>(221 030)</i>	<i>(102 800)</i>	<i>(323 830)</i>
<i>Total, General.....</i>	<i>\$503 175</i>	<i>\$124 250</i>	<i>\$627 425</i>

Restricted		Wages, Ex- pense, and Equipment	Total
<i>Instruction</i>	<i>Salaries</i>		
Estimated Private Gifts.....	.....	\$ 2 000	\$ 2 000
<i>Extension and Public Services</i>			
Estimated Private Gifts.....	\$50 000	30 000	80 000
<i>Total, Restricted.....</i>	<i>\$50 000</i>	<i>\$32 000</i>	<i>\$82 000</i>

Administration

Account Number 00-28-01-100

1. Theodore B. Peterson, Dean.....	ZBY	\$ 16 500
2. John H. Schacht, Assistant to Dean.....	ZBY75	7 125
(Total Salary)		(9 500)
3. 1.95 Full Time Equivalent Assistants.....	E	6 565
Nonacademic Salaries		15 000
<i>Total, Salaries</i>		<i>(45 190)</i>
Wages.....		900
Expense		11 500
Contingent.....		3 000
Convention Travel		1 000
Nonrecurring Unassigned		(1 000)
Equipment		1 950
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(18 350)</i>
<i>Total, Administration</i>		<i>\$ 63 540</i>

Advertising

Account Number 00-28-03-100

1. C. H. Sandage, Professor and Head of Department...	A	\$ 14 850
2. Leslie W. McClure, Professor.....	A	10 350
(On leave with pay first semester 1960-61)		
3. James E. Moyer, Associate Professor.....	A	9 750
4. Hugh W. Sargent, Associate Professor.....	A	8 400
5. James W. Carey, Instructor.....	D50	2 650
<i>Total, Advertising</i>		<i>\$ 46 000</i>

Journalism

Account Number 00-28-10-100

1. Jay W. Jensen, Associate Professor and Head of Department.....	A	\$ 10 750
2. R. R. Barlow, Professor.....	A	10 000
3. L. W. Murphy, Professor.....	A	10 300
4. Theodore B. Peterson, Professor.....	ZAY	.....
5. Donald E. Brown, Associate Professor.....	A	9 600
6. George Gerbner, Associate Professor.....	ZAY50	4 950
(Total Salary)		(9 900)
7. Joe C. Sutton, Associate Professor.....	A	9 000
8. Josef F. Wright, Associate Professor, <i>Emeritus</i>	ZR	.....
9. Owen F. Glissendorf, Assistant Professor.....	ZBY	.....
10. Glenn Hanson, Assistant Professor.....	B	8 550
11. Richard L. Hildwein, Assistant Professor.....	B	8 000
12. Edwin B. Parker, Assistant Professor.....	ZB25	1 800
(Total Salary)		(7 200)
13. John H. Schacht, Assistant Professor.....	ZBY25	2 375
(Total Salary)		(9 500)
14. Arthur E. Strang, Assistant Professor.....	B50	4 200
15. William W. Alfeld, Instructor.....	D75	4 350
16. Donald L. Smith, Instructor.....	D	5 900
<i>Total, Journalism</i>		<u>\$ 89 775</u>

Radio and Television

Account Number 00-28-15-100

1. Hubert V. Cordier, Associate Professor and Head of Department.....	A	\$ 10 000
2. F. E. Schoolcy, Associate Professor.....	ZAY20	2 910
(Total Salary)		(14 550)
3. Harry J. Skornia, Associate Professor.....	A	12 300
4. John E. Cramer, Instructor.....	ZD50	3 735
(Total Salary)		(8 300)
5. Alvin Fiering, Instructor.....	ZDY	.....
6. Richard G. Lawson, Instructor.....	D75	3 700
7. Henry W. Lippold, Jr., Instructor.....	ZDY50	4 000
(Total Salary)		(8 000)
8. John A. Regnell, Instructor.....	D25	1 930
(Total Salary)		(8 290)
(Also nonacademic)		
9. _____, Instructor.....	DY15	940
(Also nonacademic)		
<i>Total, Radio and Television</i>		<u>\$ 39 515</u>

Institute of Communications Research

Account Number 00-28-20-300

1. Charles E. Osgood, Director.....	ZDY73}	\$ 11 470
Research Professor	AY	
(Total Salary)		(15 750)
2. Dallas W. Smythe, Research Professor.....	ZA50	6 200
(Total Salary)		(12 400)
3. George Gerbner, Research Associate Professor.....	ZAY50	4 950
(Total Salary)		(9 900)
4. Howard S. Maclay, Research Associate Professor.....	AY	9 350
5. William J. McGuire, Research Associate Professor....	ZA30	2 475
(Total Salary)		(8 250)
6. Bennett M. Berger, Research Assistant Professor....	ZB75	5 590
(Total Salary)		(7 450)
7. Edwin B. Parker, Research Assistant Professor.....	ZB75	5 400
(Total Salary)		(7 200)
8. Mary D. Sleator, Research Assistant Professor.....	ZB33	2 130
(Total Salary)		(6 400)

9. _____, Research Associate.....	ZB67	4 500
(Total Salary)		(6 750)
10. 1.50 Full Time Equivalent Assistants.....	E	5 700
Nonacademic Salaries		3 900
<i>Total, Salaries</i>		(61 665)
Wages		600
Expense		2 300
Equipment		200
<i>Total, Wages, Expense, and Equipment</i>		(3 100)
<i>Total, Institute of Communications Research</i>		\$ 64 765

Broadcasting**Administration**

Account Number 00-28-21-400

1. F. E. Schooley, Director of Broadcasting and Manager of Radio and Television Stations.....	ZBY80	\$ 11 640
(Total Salary)		(14 550)
Nonacademic Salaries		2 250
<i>Total, Salaries</i>		(13 890)
Expense		1 000
<i>Total, Administration</i>		\$ 14 890

Radio Station

Account Number 00-28-25-400

1. John E. Cramer, News Supervisor.....	ZDY50	\$ 4 565
(Total Salary)		(8 300)
Nonacademic Salaries		102 967
<i>Total, Salaries</i>		(107 532)
Wages		6 000
Expense, General		34 200
Equipment		5 000
<i>Total, Wages, Expense, and Equipment</i>		(45 200)
<i>Total, Radio Station</i>		\$152 732

Television-Motion Pictures

Account Number 00-28-28-400

1. _____, Assistant Manager of Television Station and Supervisor of Television-Motion Pictures.....	ZDY50	\$ 5 400
(Total Salary)		(10 800)
2. Lewis V. Peterson, Producer-Supervisor of Television- Motion Pictures	DY	9 650
3. Henry W. Lippold, Jr., Supervisor of Television News (Total Salary)	ZDY50	4 000
(Total Salary)		(8 000)
4. Alvin Fiering, Producer, Television Station.....	ZDY20	1 700
(Total Salary)		(8 500)
(Also nonacademic)		
Nonacademic Salaries		78 858
<i>Total, Salaries</i>		(99 608)
Wages		12 000
Expense		42 100
Equipment		2 500
<i>Total, Wages, Expense, and Equipment</i>		(56 600)
<i>Total, Television-Motion Pictures</i>		\$156 208

COLLEGE OF LAW**General**

	Salaries	Wages, Ex- pense, and Equipment	Total
<i>Instruction</i>			
College of Law.....	\$294 160	\$24 000	\$318 160
<i>Student Aid</i>			
Scholarships.....		4 600	4 600
<i>Total, General</i>	\$294 160	\$28 600	\$322 760

Law

Account Number 00-30-10-100

1. Russell N. Sullivan, Dean.....	BY}	\$ 22 000
Professor.....	AY}	
2. Albert J. Harno, Dean and Professor, <i>Emeritus</i>	R	.....
3. _____, Assistant Dean.....	BY50	6 250
Assistant Professor	BY50	(5 750)
(Total Salary)		(12 000)
4. C. H. Bowman, Professor.....	A	13 100
5. William E. Britton, Professor, <i>Emeritus</i>	R	.....
6. Kenneth S. Carlston, Professor.....	A	14 600
7. Edward W. Cleary, Professor.....	A	19 400
8. Rubin G. Cohn, Professor.....	A	17 000
(Includes service to University Retirement System)		
(On leave with pay first semester 1960-61)		
9. John E. Cribbet, Professor.....	A	17 500
10. Wylie H. Davis, Professor.....	A	14 600
11. R. W. Fleming, Professor.....	A	17 000
12. George T. Frampton, Professor.....	A	14 100
13. George W. Goble, Professor, <i>Emeritus</i>	R	.....
14. William D. Hawkland, Professor.....	A	13 500
15. Harold W. Holt, Professor.....	A	14 600
16. Ralph F. Lesemann, Professor.....	ZAY	.....
17. M. I. Schnebly, Professor, <i>Emeritus</i>	R	.....
18. Eugene F. Scoles, Professor.....	A	15 600
19. Victor J. Stone, Professor.....	A	11 700
20. Walter L. Summers, Professor, <i>Emeritus</i>	R	.....
21. J. G. Thomas, Professor.....	A33	3 700
22. George B. Weisiger, Professor, <i>Emeritus</i>	R	.....
23. J. Nelson Young, Professor.....	A	17 500
24. Robert B. Looper, Associate Professor.....	A	10 700
25. Paul O. Proehl, Associate Professor.....	A	11 500
(On leave without pay first semester 1960-61)		
26. Margaret J. Scranton, Assistant Editor with rank of Assistant	DY	5 100
27. 1.80 Full Time Equivalent Assistants.....	E	11 400
Nonacademic Salaries		23 310
Total, Salaries		(294 160)
Wages		1 000
Expense		21 300
Convention Travel		1 000
Equipment.....		700
Total, Wages, Expense, and Equipment.....		(24 000)
Total, Law		\$318 160

Law Scholarships

Account Number 00-30-11-880

Expense, Law Scholarships.....	\$ 2 500
Expense, Law Fellowships.....	2 100
Total, Law Scholarships.....	\$ 4 600

COLLEGE OF LIBERAL ARTS AND SCIENCES

General

Instruction	Salaries	Wages, Expense, and Equipment	Total
Administration.....	\$ 109 525	\$ 43 616	\$ 153 141
Contingent.....		20 000	20 000
Anthropology.....	88 110	6 000	94 110
Astronomy.....	55 310	4 365	59 675
Botany.....	250 360	30 970	281 330
Chemistry and Chemical Engineering.....	1 037 460	287 380	1 324 840
Classics.....	68 610	1 100	69 710

	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
English.....	I 054 690	19 100	I 073 790
Printing <i>Accent</i>		I 600	I 600
Entomology.....	89 490	8 800	98 290
French.....	196 310	3 075	199 385
Division of General Studies.....	164 880	6 650	171 530
Geography.....	134 100	10 700	144 800
Geology.....	230 865	43 500	274 365
German.....	152 980	I 900	154 880
History.....	262 480	4 125	266 605
Life Sciences.....	58 320	9 000	67 320
Mathematics.....	742 630	10 200	752 830
Microbiology.....	169 190	35 400	204 590
Philosophy.....	136 195	2 000	138 195
Physiology.....	205 180	37 500	242 680
Political Science.....	171 500	2 500	174 000
Psychology.....	360 370	30 400	390 770
Russian.....	66 650	I 225	67 875
Sociology.....	145 875	3 900	149 775
Spanish and Italian.....	161 235	3 600	164 835
Speech.....	383 980	12 083	396 063
Speech Laboratory.....		2 700	2 700
Zoology.....	295 957	36 800	332 757
Classical Museum.....		2 000	2 000
European Culture Museum.....	I 900	2 100	4 000
<i>Total, General</i>	\$6 794 152	\$684 289	\$7 478 441

Restricted

	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
<i>Instruction</i>			
Speech Revolving.....	\$ 3 060	\$ 500	\$ 3 560
Estimated Endowment Income.....	13 000	2 000	15 000
Estimated Private Gifts.....	4 000	2 000	6 000
Estimated U.S. Contracts.....	30 000	20 000	50 000
<i>Total, Instruction</i>	(50 060)	(24 500)	(74 560)
<i>Organized Research</i>			
Illinois Journal of Mathematics Revolving.....		3 500	3 500
Estimated Indirect Costs.....	30 000	10 000	40 000
Estimated Private Gifts.....	200 000	100 000	300 000
Estimated U.S. Contracts.....	700 000	450 000	I 150 000
<i>Total, Organized Research</i>	(930 000)	(563 500)	(I 493 500)
<i>Total, Restricted</i>	\$980 060	\$588 000	\$1 568 060

Administration

Account Number 00-32-01-100		
1. _____, Dean.....	BY	\$ 23 000
2. Gibbon Butler, Associate Dean.....	ZBY	13 800
3. O. A. Kubitz, Assistant Dean.....	ZDY75	7 775
(Total Salary).....		(10 000)
4. Jum C. Nunnally, Jr., Associate Dean.....	ZBY37	3 935
(Total Salary).....		(10 500)
5. Francis J. Koenig, Assistant Dean.....	DY	11 000
6. 3.50 Full Time Equivalent Assistants.....	E	14 150
7. 0.50 Full Time Equivalent Assistants.....	DY	2 325
Nonacademic Salaries.....		33 540
<i>Total, Salaries</i>		(109 525)
Wages.....		4 816
Expense, General.....		7 800
Expense, Language Laboratory.....		2 500
Contingent.....		20 000
Convention Travel.....		26 000

Nonrecurring Unassigned	(8 000)
Equipment	2 500
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(63 616)</i>
<i>Total, Administration</i>	<i>\$173 141</i>

Anthropology

Account Number 00-32-07-100

1. Joseph B. Casagrande, Professor and Head of Department.....	A	\$ 15 000
2. Oscar Lewis, Professor.....	A	12 500
3. John C. McGregor, Professor.....	A	11 700
4. Julian H. Steward, Research Professor.....	ZA	14 500
(Total Salary)		(17 500)
(Leave to be determined)		
5. _____, Associate Professor.....	A	8 500
6. Donald W. Lathrap, Instructor.....	D	6 600
7. _____, Instructor	D	6 400
8. 2.00 Full Time Equivalent Assistants.....	E	7 600
Nonacademic Salaries		5 310
<i>Total, Salaries</i>		<i>(88 110)</i>
Wages		500
Expense		5 000
Equipment		500
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(6 000)</i>
<i>Total, Anthropology</i>		<i>\$ 94 110</i>

Astronomy

Account Number 00-32-10-100

1. George C. McVittie, Professor and Head of Department	A	\$ 17 000
2. R. H. Baker, Professor, <i>Emeritus</i>	R	.....
3. George W. Swenson, Jr., Research Professor.....	ZA48	5 760
(Total Salary)		(12 000)
4. Stanley P. Wyatt, Jr., Associate Professor.....	A	9 250
(On leave with pay first semester 1960-61)		
5. Ivan R. King, Assistant Professor.....	B	7 800
6. Arthur J. Meadows, Assistant Professor.....	B	6 000
7. 2.50 Full Time Equivalent Assistants.....	E	9 500
<i>Total, Salaries</i>		<i>(55 310)</i>
Wages		1 065
Expense		1 500
Equipment		1 800
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(4 365)</i>
<i>Total, Astronomy</i>		<i>\$ 59 675</i>

Cooperative Investigations

U.S. OFFICE OF NAVAL RESEARCH 183422

Account Number 46-32-10-364

1. Raymond A. Davidson, Assistant Professor of Electrical Engineering	ZB50	\$ 3 950
(Total Salary)		(7 900)
2. Yuen Tze Lo, Assistant Professor of Electrical Engineering	ZBY33	3 933
(Total Salary)		(11 800)
<i>Total, U.S. Office of Naval Research 183422.....</i>		<i>\$ 7 883</i>

Botany

Account Number 00-32-16-100

1. Wilson N. Stewart, Professor.....	ZA81 }	\$ 9 970
Chairman of Department.....	B }	
(Total Salary)		(12 300)
2. Lindsay M. Black, Professor.....	ZA	13 700
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	11 650
6. John R. Laughnan, Professor.....	ZA	13 700
(On leave with pay first semester and without pay second semester 1960-61)		
7. Eugene I. Rabinowitch, Research Professor.....	A	13 000
8. Donald P. Rogers, Professor and Curator of Mycological Collections	A	12 300
9. Herbert Stern, Professor.....	D	10 500
10. Arthur G. Vestal, Professor, <i>Emeritus</i>	R	.....
11. _____, Professor	A	19 500
12. _____, Research Professor.....	AY	13 000
13. Robert M. Kosanke, Associate Professor.....	DY ¹⁰	1 050
14. James F. Nance, Associate Professor.....	A	9 550
15. Paul C. Silva, Associate Professor.....	A	9 250
(On leave without pay 1960-61)		
16. Lawrence C. Bliss, Assistant Professor.....	B	7 350
17. Zane B. Carothers, Assistant Professor.....	B	6 550
18. Lawrence R. Heckard, Assistant Professor.....	B	7 350
19. Douglas M. Post, Assistant Professor.....	B	7 300
20. _____, Research Associate.....	DY	6 500
21. Sue A. Eckhardt, Research Assistant.....	DY	4 850
22. 9.25 Full Time Equivalent Assistants.....	E	36 000
Nonacademic Salaries		37 290
Total, Salaries		(250 360)
Wages.....		5 740
Expense		21 500
Equipment		3 730
Total, Wages, Expense, and Equipment.....		(30 970)
Total, Botany		\$281 330

Cooperative Investigations

U.S. NATIONAL SCIENCE FOUNDATION G4969

Account Number 46-32-16-361

1. Carl N. Cederstrand, Research Assistant..... DY \$ 5 000

U.S. NATIONAL SCIENCE FOUNDATION G9117

Account Number 46-32-16-364

1. Robert F. Whitcomb, Research Assistant..... ZDY⁵⁰ \$ 2 325
(Total Salary) (4 650)

U.S. PUBLIC HEALTH SERVICE E3013

Account Number 46-32-16-369

1. Robert F. Whitcomb, Research Assistant..... ZDY⁵⁰ \$ 2 325

Chemistry and Chemical Engineering

Account Number 00-32-19-100

1. H. E. Carter, Professor of Biochemistry and Head of Department..... A \$ 21 000
2. Roger Adams, Research Professor, *Emeritus*..... R
3. L. F. Audrieth, Professor of Inorganic Chemistry.... A 13 000
(On leave without pay two years from September 1, 1959)
4. John C. Bailar, Jr., Professor of Inorganic Chemistry A 15 900
5. A. M. Buswell, Research Professor, *Emeritus*..... R
6. George L. Clark, Research Professor, *Emeritus*..... R
7. David Y. Curtin, Professor of Organic Chemistry.... A 13 300
8. Harry G. Drickamer, Professor of Chemical Engineering and Physical Chemistry..... ZA 18 500
9. Duane T. Englis, Professor of Analytical Chemistry, *Emeritus*..... R
10. R. C. Fuson, Professor of Organic Chemistry..... ZA 15 000
(Total Salary) (18 000)
11. I. C. Gunsalus, Professor of Biochemistry..... A 19 500
12. H. S. Gutowsky, Professor of Physical Chemistry.... A 17 500

13. H. F. Johnstone, Research Professor of Chemical Engineering.....	ZA50	7 000
(Total Salary)		(14 000)
14. H. A. Laitinen, Professor of Analytical Chemistry...	A	16 500
15. Nelson J. Leonard, Professor of Organic Chemistry..	A	16 500
16. Carl S. Marvel, Research Professor of Organic Chemistry.....	A	17 300
17. Therald Moeller, Professor of Inorganic Chemistry...	A	13 300
18. Max S. Peters, Professor of Chemical Engineering....	ZA57	7 980
(Total Salary)		(14 000)
19. T. E. Phipps, Professor of Physical Chemistry.....	A	11 000
20. W. C. Rose, Research Professor, <i>Emeritus</i>	R	.....
21. G. Frederick Smith, Professor, <i>Emeritus</i>	R	.....
22. H. R. Snyder, Research Professor of Organic Chemistry.....	ZA50	7 800
(Total Salary)		(15 600)
23. Carl S. Vestling, Professor of Biochemistry.....	A	14 500
24. F. T. Wall, Research Professor of Physical Chemistry	ZAY20	4 800
(Total Salary)		(24 000)
25. James W. Westwater, Professor of Chemical Engineering.....	ZA	10 300
26. Peter E. Yankwich, Professor of Physical Chemistry..		11 800
(On leave with one-half pay 1960-61)		
27. _____, Professor of Organic Chemistry.....	A	13 400
28. _____, Professor	A50	7 150
29. Virginia Bartow, Associate Professor of Inorganic Chemistry.....	A	7 900
30. Thomas J. Hanratty, Associate Professor of Chemical Engineering.....	ZA	9 500
31. Martin Karplus, Associate Professor of Physical Chemistry.....	A	12 000
32. Howard V. Malmstadt, Associate Professor of Analytical Chemistry	A	9 900
33. William J. Rutter, Associate Professor of Biochemistry	A	10 400
34. _____, Associate Professor of Biochemistry....	A	13 000
35. Douglas Applequist, Assistant Professor of Organic Chemistry.....	B	8 300
36. R. Linn Belford, Assistant Professor of Physical Chemistry.....	B	7 400
37. Theodore L. Brown, Assistant Professor of Inorganic Chemistry.....	B	7 600
38. John M. Clark, Jr., Assistant Professor of Biochemistry	B	6 700
39. Richard E. Dickerson, Assistant Professor of Physical Chemistry.....	B	(6 700)
(Paid from item 3)		
40. Russell S. Drago, Assistant Professor of Inorganic Chemistry.....	B	7 500
41. Benjamin D. Hall, Assistant Professor of Physical Chemistry and Biochemistry.....	ZB50	3 600
(Total Salary)		(7 200)
42. Arnold M. Hartley, Assistant Professor of Analytical Chemistry.....	B	7 300
43. J. Woodland Hastings, Assistant Professor of Biochemistry	B	9 000
44. John P. Hummel, Assistant Professor of Physical Chemistry.....	ZB50	4 000
(Total Salary)		(8 000)
45. Richard S. Juvet, Assistant Professor of Analytical Chemistry.....	B	7 350
46. Aron Kuppermann, Assistant Professor of Physical Chemistry.....	B	7 600
47. James C. Martin, Assistant Professor of Organic Chemistry.....	B	7 500

48. Daniel D. Perlmutter, Assistant Professor of Chemical Engineering.....	ZB	7 600
49. Theron S. Piper, Assistant Professor of Inorganic Chemistry.....	B	7 400
50. John A. Quinn, Assistant Professor of Chemical Engineering.....	ZB	7 500
51. K. L. Rinehart, Assistant Professor of Organic Chemistry.....	B	8 300
52. Kensal E. Van Holde, Assistant Professor of Physical Chemistry.....	B	8 600
53. Finn Wold, Assistant Professor of Biochemistry.....	B	8 000
54. Larry K. Steinrauf, Assistant Professor of Physical Chemistry.....	ZD50	3 200
(Total Salary)		(6 400)
55. Teishi Nakayama, Research Associate in Chemistry...	DY	6 300
56. Rosalie M. Parr, Associate, <i>Emerita</i>	RA	.....
57. ———, Research Associate in Chemistry.....	DY	5 900
58. ———, Research Associate in Chemistry.....	DY	6 000
59. Robert B. Bates, Instructor in Organic Chemistry....	D	6 700
60. James L. Brownlee, Jr., Instructor in Analytical Chemistry.....	D	6 000
61. Leon F. Goodyear, Instructor in Glass Blowing.....	DY5	400
(Total Salary)		(8 300)
(Also nonacademic)		
62. Jack G. Kay, Instructor in Inorganic Chemistry.....	D	(6 300)
(Paid from item 3)		
63. Dean F. Martin, Instructor in Inorganic Chemistry... D		6 400
64. Clarence E. Pfluger, Instructor in Analytical Chemistry D		6 400
65. Stanley G. Smith, Instructor in Organic Chemistry.... D		(6 300)
66. David B. Sowerby, Instructor in Inorganic Chemistry D		6 200
67. ———, Instructor in Chemical Engineering..... D		6 800
68. Ancilla S. Bay, Microanalyst.....	DY	4 900
69. Nancy V. Neilson, Spectroscopist.....	DY	4 700
70. Jane S. Liu, Microanalyst.....	DY	4 900
71. Josef Nemeth, Microanalyst.....	DY	9 200
72. Oliver W. Norton, Spectroscopist.....	DY	5 900
73. ———, Spectroscopist	DY	6 200
74. ———, Research Assistant in Chemistry.....	D	8 000
75. 52.25 Full Time Equivalent Assistants.....	E	206 300
76. 1.00 Full Time Equivalent Assistants.....	DY	4 800
Nonacademic Salaries		235 280
Total, Salaries		(1 037 460)
Wages		7 380
Expense		250 000
Equipment		30 000
Total, Wages, Expense, and Equipment.....		(287 380)
Total, Chemistry and Chemical Engineering.....		\$1 324 840

Cooperative Investigations

AMERICAN CHEMICAL SOCIETY PETROLEUM RESEARCH FOUNDATION—
RF SPECTROSCOPY

Account Number 44-32-19-304

I. Kenji Shimomura, Research Associate in Chemistry... DY \$ 5 500

U.S. AIR FORCE 5446

Account Number 46-32-19-305

I. Thomas B. Reddy, Research Associate in Chemistry.. DY \$ 5 500

U.S. ARMY ORDANCE 1987

Account Number 46-32-19-314

I. Keith E. Johnson, Research Associate in Chemistry... DY \$ 5 500

U.S. ARMY ORDANCE 2056

Account Number 46-32-19-317

I. Antonio F. Vandi, Research Associate in Chemistry... DY \$ 6 250

E. I. DUPONT DE NEMOURS AND COMPANY — FUNDAMENTAL RESEARCH

Account Number 44-32-19-321

- | | |
|--|----------|
| 1. Masaki Nakanishi, Research Associate in Chemistry... DY | \$ 5 500 |
|--|----------|

U.S. NATIONAL SCIENCE FOUNDATION G5563

Account Number 46-32-19-359

- | | |
|--|----------|
| 1. Kazumori Minami, Research Associate in Chemistry.. DY | \$ 5 500 |
|--|----------|

U.S. PUBLIC HEALTH SERVICE A3185

Account Number 46-32-19-371

- | | |
|--|-----------------|
| 1. Josina Reddy, Research Associate in Chemistry..... DY50 | \$ 2 750 |
| 2. Larry K. Steinrauf, Assistant Professor of Chemistry.. ZD50 | 3 200 |
| <i>Total, U.S. Public Health Service A3185.....</i> | <i>\$ 5 950</i> |

U.S. PUBLIC HEALTH SERVICE E1278

Account Number 46-32-19-379

- | | |
|---|----------|
| 1. Richard E. Bozak, Research Associate in Chemistry... FY
(Effective October 1, 1960) | \$ 5 500 |
|---|----------|

U.S. PUBLIC HEALTH SERVICE 2G321

Account Number 46-32-19-383

- | | |
|--|----------|
| 1. Benjamin D. Hall, Assistant Professor of Physical
Chemistry and Biochemistry..... ZB50 | \$ 3 600 |
|--|----------|

U.S. PUBLIC HEALTH SERVICE C3969

Account Number 46-32-19-386

- | | |
|--|----------|
| 1. Terence J. Barnes, Research Associate in Chemistry.. DY | \$ 5 800 |
|--|----------|

Classics

Account Number 00-32-22-100

- | | |
|--|------------------|
| 1. John L. Heller, Professor and Head of Department.. ZA | \$ 14 000 |
| 2. Revilo P. Oliver, Professor..... A | 10 450 |
| (On leave with one-half pay 1960-61) | |
| 3. B. E. Perry, Professor, <i>Emeritus</i> R | ..... |
| 4. Alexander Turyn, Professor..... A | 13 000 |
| 5. ———, Professor A | 12 200 |
| 6. John J. Bateman, Assistant Professor..... B | 7 500 |
| 7. Robert E. A. Palmer, Assistant Professor..... B | 6 600 |
| 8. 0.83 Full Time Equivalent Assistants..... E | 3 270 |
| Nonacademic Salaries | 1 500 |
| <i>Total, Salaries</i> | <i>(68 610)</i> |
| Wages..... | 200 |
| Expense..... | 700 |
| Equipment..... | 200 |
| <i>Total, Wages, Expense, and Equipment.....</i> | <i>(1 100)</i> |
| <i>Total, Classics</i> | <i>\$ 69 710</i> |

English

Account Number 00-32-25-100

- | | |
|---|-----------|
| 1. Robert W. Rogers, Professor and Head of Department A | \$ 15 200 |
| 2. C. R. Anderson, Professor of Business English and
Chairman of Business English..... A | 12 200 |
| 3. T. W. Baldwin, Professor, <i>Emeritus</i> R | ..... |
| 4. Edward H. Davidson, Professor..... A | 13 500 |
| 5. Gwynne B. Evans, Professor..... A | 13 500 |
| 6. John T. Flanagan, Professor..... A | 13 500 |
| (On leave without pay 1960-61) | |
| 7. H. F. Fletcher, Professor..... A | 16 000 |
| 8. Royal A. Gettmann, Professor..... A | 14 600 |
| 9. Marcus S. Goldman, Professor..... A | 9 300 |
| 10. M. T. Herrick, Professor..... ZA67 | 9 840 |
| (Total Salary) | (14 600) |
| 11. Allan G. Holaday, Professor..... A | 10 500 |
| (On leave with pay second semester 1960-61) | |
| 12. Julius N. Hook, Professor..... ZA55 | 6 600 |
| (Total Salary) | (12 000) |
| (On leave with pay second semester 1960-61) | |

13. Murray Krieger, Professor.....	A	13 900
14. Paul N. Landis, Professor.....	A	13 200
15. Henning Larsen, Professor, <i>Emeritus</i>	ZR	.....
16. B. A. Milligan, Professor.....	A	12 000
(On leave with pay first semester 1960-61)		
17. Sherman Paul, Professor.....	A	13 400
18. Robert A. Pratt, Professor.....	G	8 000
(Effective six months from September 1, 1960)		
19. C. W. Roberts, Professor.....	A	12 300
20. Charles H. Shattuck, Professor.....	A	10 500
21. Donald Smalley, Professor.....	A	13 600
22. Roland M. Smith, Professor.....	A	11 300
23. Harris W. Wilson, Professor and Chairman of Freshman Rhetoric	A	10 000
24. Daniel Curley, Associate Professor.....	A	7 800
25. Robert L. Haig, Associate Professor.....	A	7 500
(On leave with one-half pay 1960-61)		
26. Bruce Harkness, Associate Professor and Executive Secretary of Department.....	A	9 200
27. Cornelia P. Kelley, Associate Professor.....	A	7 500
(On leave with pay second semester 1960-61)		
28. J. K. Quinn, Associate Professor.....	A	8 800
29. Francis W. Weeks, Associate Professor of Business English.....	A	9 000
30. Robert Bruce Weirick, Associate Professor, <i>Emeritus</i>	R	.....
31. _____, Associate Professor.....	A	8 000
32. August L. Altenbernd, Assistant Professor.....	B	7 400
(On leave with pay first semester 1960-61)		
33. Lloyd E. Berry, Assistant Professor.....	B	6 300
34. Helen B. Brennan, Assistant Professor and Chairman of English for Foreign Students.....	B	6 900
35. Garreta H. Busey, Assistant Professor.....	B	7 000
36. Gibbon Butler, Assistant Professor.....	ZBY	.....
37. Walter J. Chamberlin, Assistant Professor.....	B	8 000
38. N. P. Davis, Assistant Professor.....	B	6 000
39. Oliver W. Evans, Assistant Professor.....	B	6 500
40. Margaret French, Assistant Professor, <i>Emerita</i>	R	.....
41. Sanford Golding, Assistant Professor.....	B	6 300
42. Glenn P. Haskell, Assistant Professor.....	B	7 600
43. Francis E. Hodgins, Jr., Assistant Professor.....	B	6 600
44. Donald J. Hogan, Assistant Professor.....	B	6 300
45. Ruth Kelso, Assistant Professor, <i>Emerita</i>	R	.....
46. John F. Lynen, Assistant Professor.....	B	6 600
47. John T. Maguire, Assistant Professor of Business English.....	B	7 200
48. William H. McBurney, Assistant Professor.....	B	7 000
49. Frank Moake, Assistant Professor.....	B	6 930
50. Louis A. Muinzer, Assistant Professor.....	B	6 600
51. Robert Ornstein, Assistant Professor.....	B	7 300
52. Ronald H. Paulson, Assistant Professor.....	B	6 600
53. Esther H. Rapp, Assistant Professor, <i>Emerita</i>	R	.....
54. Harry F. Robins, Assistant Professor.....	B	7 400
55. William H. Rueckert, Assistant Professor.....	B	6 300
56. Robert L. Schneider, Assistant Professor.....	B	6 700
57. Arthur L. Scott, Assistant Professor.....	B	7 100
58. George Scouffas, Assistant Professor.....	B	7 800
59. Mary D. Sleator, Assistant Professor.....	ZB67	4 270
(Total Salary)		
60. James R. Squire, Assistant Professor.....	ZB34	(6 400)
(Total Salary)		
61. Jack C. Stillinger, Assistant Professor.....	B	2 400
62. Gardiner B. Stillwell, Assistant Professor.....	B	(3 600)
(On leave with pay first semester 1960-61)		
		6 900
		7 100

63. Michael Timko, Assistant Professor.....	B	6 300
64. Caroline Tupper, Assistant Professor, <i>Emerita</i>	R	.....
65. Katharine O. Aston, Instructor.....	D	5 300
66. Earl P. Bloom, Instructor in Business English.....	D	5 300
67. Margaret Bloom, Instructor.....	D	5 500
68. William M. Curtin, Instructor.....	D	6 100
69. David L. Derus, Instructor.....	D	5 800
70. Richard P. Felton, Instructor in Business English.....	D	5 100
71. Rocco L. Fumento, Instructor.....	D	5 900
72. Herbert Goodrich, Instructor in Business English.....	D	5 600
73. Wade H. Hall, Instructor in Business English.....	D	5 200
74. John A. Hamilton, Instructor.....	D	5 700
75. Philip R. Headings, Instructor.....	D	6 100
76. Maria Keen, Instructor.....	D	4 700
77. William J. Lord, Jr., Instructor in Business English...	D	6 600
78. John S. Martin, Instructor.....	D	5 900
79. Stanton Millet, Instructor.....	D	6 100
80. Jean Praninskas, Instructor.....	D	5 600
81. Lucian P. Spataro, Instructor in Business English.....	D	5 100
82. Robert K. Stone, Instructor.....	D	5 700
83. Albert C. Tillman, Instructor.....	D	5 800
84. James H. Wheatley, Instructor.....	D	5 800
85. Robert M. Zewadski, Instructor in Business English...	D	5 000
86. _____, Instructor	D	5 700
87. _____, Instructor	D	6 200
88. _____, Instructor	D	5 200
89. _____, Instructor	D	5 800
90. John R. Baker, Assistant.....	E	4 200
91. James C. Ballowe, Assistant.....	E	4 200
92. K. Gerald Balls, Assistant.....	E	4 000
93. Thomas F. Batell, Assistant.....	E	4 200
94. Herbert Bogart, Assistant.....	E	4 200
95. Philip Y. Coleman, Assistant.....	E	4 000
96. Richard E. Cunningham, Assistant.....	E	4 000
97. Herman H. Diers, Assistant.....	E	4 000
98. John H. Dorenkamp, Assistant.....	E	4 200
99. Kathryn F. Douglass, Assistant.....	E	4 200
100. Anne Doyle, Assistant.....	E	4 000
101. Daniel W. Dungan, Assistant.....	E	4 000
102. Alvin I. Dust, Assistant.....	E	4 200
103. Scott C. Eatherly, Assistant.....	E	4 200
104. Elmer N. Feltskog, Assistant.....	E	3 800
105. George B. Ferguson, Assistant.....	E	4 000
106. David Gladish, Assistant.....	E	4 200
107. George V. Goodin, Assistant.....	E	4 200
108. Clyde L. Grimm, Jr., Assistant.....	E	4 000
109. Carol S. Gurolnick, Assistant.....	E	4 000
110. Ward Hellstrom, Assistant.....	E	4 400
111. Jerry D. Hopkins, Assistant.....	E	4 400
112. Ronald C. Johnson, Assistant.....	E	4 000
113. Jerald W. Ketchum, Assistant.....	E	4 000
114. Richard S. Leever, Assistant.....	E	4 200
115. Lee T. Lemon, Assistant.....	E	4 200
116. Edward R. Levy, Assistant.....	E	4 200
117. Robert W. Lewis, Jr., Assistant.....	E	4 000
118. Martin Light, Assistant.....	E	4 200
119. William E. Lindblad, Assistant.....	E	4 200
120. James M. MacIntyre, Assistant.....	E	4 000
121. William A. McQueen, Assistant.....	E	4 200
122. Graham S. Mitchell, Assistant.....	E	4 300
123. Carl A. Moon, Assistant.....	E	4 100
124. Lubitsa Nenadovich, Assistant.....	E	4 300
125. Keith M. Opdahl, Assistant.....	E	4 200

126.	Harry E. Preble, Assistant.....	E	4 200
127.	Walter F. Princic, Assistant.....	E	4 000
128.	John Richard Roberts, Assistant.....	E	4 000
129.	Reginald A. Saner, Assistant.....	E	4 500
130.	Lyndora M. Smith, Assistant.....	E	4 400
131.	Lyle E. Van Pelt, Assistant.....	E	4 000
132.	Marlene K. Walker, Assistant.....	E	4 100
133.	Ralph H. Walker, Assistant.....	E	4 400
134.	Don S. Woodmency, Assistant.....	E	4 000
135.	_____, Assistant.....	E	3 800
136.	_____, Assistant.....	E	3 800
137.	_____, Assistant.....	E	3 800
138.	_____, Assistant.....	E	3 800
139.	_____, Assistant.....	E	3 800
140.	_____, Assistant.....	E	4 000
141.	_____, Assistant.....	E	4 000
142.	_____, Assistant.....	E	4 000
143.	_____, Assistant.....	E	3 800
144.	_____, Assistant.....	E	3 800
145.	_____, Assistant.....	E	3 800
146.	_____, Assistant.....	E	3 800
147.	_____, Assistant.....	E	3 800
148.	41.00 Full Time Equivalent Assistants.....	E	158 800
Nonacademic Salaries.....			22 650
Total, Salaries.....			(1 054 690)
Wages.....			7 700
Expense, General.....			8 900
Expense, Printing of <i>Accent</i>			1 600
Equipment.....			2 500
Total, Wages, Expense, and Equipment.....			(20 700)
Total, English.....			\$1 075 390

Entomology

Account Number 00-32-28-100			
1.	Leigh E. Chadwick, Professor and Head of Department	A	\$ 15 500
2.	W. V. Balduf, Professor, <i>Emeritus</i>	R	.....
3.	G. S. Fraenkel, Professor.....	A	12 550
4.	William P. Hayes, Professor, <i>Emeritus</i>	R	.....
5.	William R. Horsfall, Professor.....	A	10 200
6.	C. W. Kearns, Professor.....	A	12 650
7.	H. H. Ross, Professor.....	A	.....
8.	James G. Sternburg, Associate Professor.....	A	8 200
9.	William L. Downes, Jr., Assistant Professor.....	B	6 600
10.	Richard B. Selander, Assistant Professor.....	B	7 000
11.	Gilbert P. Waldbauer, Instructor.....	D	4 850
12.	2.00 Full Time Equivalent Assistants.....	E	7 800
Nonacademic Salaries.....			4 140
Total, Salaries.....			(89 490)
Wages.....			1 000
Expense.....			4 000
Equipment.....			3 800
Total, Wages, Expense, and Equipment.....			(8 800)
Total, Entomology.....			\$ 98 290

Cooperative Investigations

ROCKEFELLER FOUNDATION — FRAENKEL

Account Number 44-32-28-372

1.	Robert T. Yamamoto, Research Associate.....	DY	\$ 6 350
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ROCKEFELLER FOUNDATION — KEARNS

Account Number 44-32-28-373

1.	Shen C. Chang, Research Associate.....	DY	\$ 6 650
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French

Account Number 00-32-31-100

1. Charles A. Knudson, Professor and Head of Department	A	\$ 15 600
(On leave with pay second semester 1960-61)		
2. Jean E. Ehrhard, Visiting Professor.....	E	10 000
3. Cameron C. Gullette, Professor.....	A	9 500
4. J. F. Jackson, Professor.....	A	11 700
5. Paul E. Jacob, Professor, <i>Emeritus</i>	R	.....
6. Philip Kolb, Professor.....	A	12 000
7. Philip A. Wadsworth, Professor.....	A	13 000
8. Bruce H. Mainous, Associate Professor.....	A	9 400
9. Angelina Pietrangeli, Associate Professor.....	ZA50	4 700
(Total Salary)		(9 400)
10. Claude P. Viens, Associate Professor.....	A	9 600
11. Stanley E. Gray, Assistant Professor.....	B	6 150
12. Robert E. Hallowell, Assistant Professor.....	B	7 900
13. Edwin Jahiel, Assistant Professor.....	B	6 500
14. Francis W. Nachtmann, Assistant Professor.....	B	7 200
15. _____, Assistant Professor.....	B	7 000
16. _____, Assistant Professor.....	BY50	4 650
17. Claude K. Abraham, Instructor.....	D	5 750
18. Cordelia Reed, Instructor.....	D	5 900
19. _____, Instructor	D	6 000
20. 10.25 Full Time Equivalent Assistants.....	E	39 200
Nonacademic Salaries		4 560
Total, Salaries		(106 310)
Wages.....		1 000
Expense		1 350
Equipment		725
Total, Wages, Expense, and Equipment.....		(3 075)
Total, French		\$199 385

Division of General Studies

Account Number 00-32-37-100

1. James M. McCrimmon, Professor of Humanities and Head of Division of General Studies.....	A	\$ 11 800
2. William Habberton, Professor of History, <i>Emeritus</i> ...	R	.....
3. M. T. Herrick, Professor of English.....	ZA33	4 760
(Total Salary)		(14 600)
4. Otto E. Kugler, Professor of Biological Science.....	A	9 900
(On leave with pay second semester 1960-61)		
5. Frank Costin, Associate Professor of Psychology.....	ZA67	5 900
(Total Salary)		(8 800)
6. Sidney Rosen, Associate Professor of Physical Science	D	8 000
7. Robert Siegfried, Associate Professor of Chemistry...	A	8 000
8. Edwin M. Banks, Assistant Professor of Biological Science.....	B	6 900
9. John M. Dennison, Assistant Professor of Geology...	ZB75	4 500
(Total Salary)		(6 000)
10. Walter H. Draper, Assistant Professor of Verbal Communication.....	B	6 000
11. Lawrence J. McCaffrey, Assistant Professor of History	B	7 000
12. Donald E. McCoy, Assistant Professor of Humanities	B	7 700
13. Robert C. Pugh, Assistant Professor of History.....	ZB75	5 100
(Total Salary)		(6 800)
14. _____, Assistant Professor of Biological Science	B	6 000
15. Ralph G. Connor, Instructor in Sociology.....	D	6 200
16. Arthur W. Flemings, Instructor in Verbal Communication	D	5 600
17. John F. Glawe, Instructor in Biological Science.....	D	6 000
18. A. Tress Lundman, Instructor in Verbal Communication	D	5 850

19. Clarence A. Poxon, Instructor in Physical Science....	D	5 500
20. J. C. Tharin, Instructor in Physical Science.....	D	5 450
21. _____, Instructor in History of Civilization....	D	5 200
22. Glen E. Gaides, Assistant in Physical Science.....	E	4 000
23. 6.25 Full Time Equivalent Assistants.....	E	24 000
Nonacademic Salaries		5 520
<i>Total, Salaries</i>		(164 880)
Wages.....		1 550
Expense		3 600
Equipment		1 500
<i>Total, Wages, Expense, and Equipment</i>		(6 650)
<i>Total, Division of General Studies</i>		\$171 530

Geography

Account Number 00-32-43-100		
1. Joseph A. Russell, Professor and Head of Department	A	\$ 15 200
2. Alfred W. Booth, Professor.....	A	12 000
3. Fred W. Foster, Professor.....	A	12 000
4. John H. Garland, Professor.....	A	10 400
5. J. L. Page, Professor.....	A	10 450
6. _____, Professor	A50	6 000
7. Robert L. Carmin, Associate Professor.....	A	9 500
8. Jerome D. Fellmann, Associate Professor.....	A	8 750
9. Howard G. Roepke, Associate Professor.....	A	8 700
(On leave with pay second semester 1960-61)		
10. C. S. Alexander, Assistant Professor.....	B	7 500
(On leave without pay first semester and with pay second semester 1960-61)		
11. 5.75 Full Time Equivalent Assistants.....	E	21 900
Nonacademic Salaries		11 700
<i>Total, Salaries</i>		(134 100)
Wages.....		2 200
Expense		5 500
Equipment		3 000
<i>Total, Wages, Expense, and Equipment</i>		(10 700)
<i>Total, Geography</i>		\$144 800

Geology

Account Number 00-32-46-100		
1. George W. White, Professor and Head of Department	A	\$ 17 300
(On leave with pay first semester and without pay second semester 1960-61)		
2. Paul R. Shaffer, Professor.....	A	12 500
Acting Head of Department.....	D	(500)
(Total Salary)		(13 000)
3. Albert Carozzi, Professor.....	A	11 500
4. Carleton A. Chapman, Professor.....	A	12 500
5. Don U. Deere, Professor.....	ZA33	3 825
(Total Salary)		(11 500)
6. Ralph E. Grim, Research Professor.....	A	15 500
7. Arthur F. Hagner, Professor.....	A	10 500
8. Jack L. Hough, Professor.....	A	12 000
9. George B. Maxey, Professor.....	A33	3 740
10. Harold W. Scott, Professor.....	A	12 000
11. Harold R. Wanless, Professor.....	A	14 500
12. Donald M. Henderson, Associate Professor.....	A	8 400
13. H. J. Zwart, Visiting Associate Professor.....	G	8 000
(Ten months from September 1, 1960)		
14. Frederick W. Cropp, Assistant Professor.....	B	6 600
15. John M. Dennison, Assistant Professor.....	ZB25	1 500
(Total Salary)		(6 000)
16. William Winn Hay, Assistant Professor.....	B	6 000
17. Ralph L. Langenheim, Assistant Professor.....	B	7 350
18. _____, Assistant Professor.....	B	6 000

19. 12.50 Full Time Equivalent Assistants.....	E	47 500
Nonacademic Salaries		13 650
<i>Total, Salaries</i>		(230 865)
Wages.....		3 500
Expense		27 000
Equipment		13 000
<i>Total, Wages, Expense, and Equipment</i>		(43 500)
<i>Total, Geology</i>		\$274 365

Cooperative Investigations

U.S. NATIONAL SCIENCE FOUNDATION G659I

Account Number 46-32-46-357

1. F. M. Wahl, Research Assistant Professor.....	FY	\$ 7 500
(Effective two years from July 1, 1959)		

German

Account Number 00-32-49-100

1. Frank G. Banta, Associate Professor and Chairman of Department	A	\$ 9 600
(On leave with pay first semester 1960-61)		
2. John R. Frey, Professor.....	A	12 000
3. J. T. Geissendoerfer, Professor, <i>Emeritus</i>	R	.....
4. Phillip M. Mitchell, Professor.....	A	10 700
5. Ernst A. Philippson, Professor.....	A	12 200
(On leave with pay second semester 1960-61)		
6. Henri Stegemeier, Professor.....	A	10 800
7. C. A. Williams, Professor, <i>Emeritus</i>	R	.....
8. Mimi Ida Jehle, Associate Professor.....	A	8 500
9. Francis J. Nock, Associate Professor.....	A	8 800
10. James E. Engel, Assistant Professor.....	B	6 150
11. Gerard F. Schmidt, Assistant Professor.....	B	7 700
12. Pauline S. Schwalbe, Assistant Professor.....	B	6 750
13. Burkhard Seubert, Assistant Professor.....	B	6 000
14. Werner Marx, Instructor.....	D	5 500
15. David E. Silas, Instructor.....	D	5 750
16. _____, Instructor	D	5 700
17. _____, Instructor	D	6 000
18. _____, Instructor	D	5 700
19. 5.50 Full Time Equivalent Assistants.....	E	21 500
Nonacademic Salaries		3 630
<i>Total, Salaries</i>		(152 980)
Wages.....		100
Expense		1 400
Equipment		400
<i>Total, Wages, Expense, and Equipment</i>		(1 900)
<i>Total, German</i>		\$154 880

History

Account Number 00-32-52-100

1. _____, Professor	A)	\$ 13 800
Chairman of Department.....	B)	
2. Chester G. Starr, Professor.....	A	13 000
Acting Chairman of Department.....	D	(1 000)
(Total Salary)		(14 000)
3. Arthur E. Bestor, Jr., Professor.....	A	13 100
4. C. Ernest Dawn, Professor.....	A	10 200
5. F. C. Dietz, Professor, <i>Emeritus</i>	R	.....
6. Edgar L. Erickson, Professor.....	A	9 900
7. Ralph T. Fisher, Jr., Professor.....	A	10 000
8. Deno J. Geanakoplos, Professor.....	A	10 200
(On leave with one-half pay 1960-61)		
9. Norman A. Graebner, Professor.....	A	13 500
10. P. V. B. Jones, Professor, <i>Emeritus</i>	R	.....

11. Charles E. Nowell, Professor.....	A	13 200
12. F. S. Rodkey, Professor, <i>Emeritus</i>	R	.....
13. Fred A. Shannon, Professor.....	A	14 000
14. Raymond P. Stearns, Professor.....	A	13 500
15. J. W. Swain, Professor, <i>Emeritus</i>	R	.....
16. James L. Bates, Associate Professor.....	A	8 300
(Leave to be determined)		
17. Robert W. Johannsen, Associate Professor.....	A	8 800
18. Maurice Lee, Jr., Associate Professor.....	A	8 800
19. John B. Sirich, Associate Professor.....	A	8 750
20. Robert M. Sutton, Associate Professor.....	ZAY27	3 250
(Total Salary)		(12 500)
21. Natalia M. Belting, Assistant Professor.....	B	6 400
(On leave with pay first semester 1960-61)		
22. Louise B. Dunbar, Assistant Professor.....	B	7 900
23. Ameda Ruth King, Assistant Professor.....	B	7 000
24. Otto P. Pflanze, Assistant Professor.....	B	8 300
25. Mary Lucille Shay, Assistant Professor.....	ZB50	3 950
(Total Salary)		(7 900)
26. _____, Assistant Professor.....	B	7 500
27. Robert B. Crawford, Instructor.....	D	6 500
28. Robert L. Haan, Instructor.....	D	6 000
29. 8.10 Full Time Equivalent Assistants.....	E	31 170
Nonacademic Salaries		5 460
Total, Salaries		(262 480)
Wages.....		1 300
Expense		2 175
Equipment		650
Total, Wages, Expense, and Equipment.....		(4 125)
Total, History		\$266 605

School of Life Sciences

Account Number 00-32-53-100

1. Halvor O. Halvorson, Director of School of Life Sciences.....	ZB	\$ 19 000
2. Donald F. Hoffmeister, Curator of Natural History Museum.....	ZAY	11 600
(On leave with pay six months from October 15, 1960)		
Nonacademic Salaries		27 720
Total, Salaries		(58 320)
Wages, Natural History Museum.....		1 300
Expense		2 000
Expense, Natural History Museum.....		3 300
Equipment		300
Equipment, Natural History Museum.....		2 100
Total, Wages, Expense, and Equipment.....		(67 320)
Total, School of Life Sciences.....		\$ 67 320

Mathematics

Account Number 00-32-54-100

1. Mahlon M. Day, Professor and Head of Department..	A	\$ 15 500
2. Reinhold Baer, Professor, <i>Emeritus</i>	R	.....
3. Paul T. Bateman, Professor.....	A	14 000
4. Colin R. Blyth, Professor.....	A	11 400
5. D. G. Bourgin, Professor.....	A	15 500
6. H. R. Brahana, Professor.....	A	15 500
7. Stewart S. Cairns, Professor.....	A	15 500
8. R. D. Carmichael, Professor, <i>Emeritus</i>	ZR	.....
9. A. B. Coble, Professor, <i>Emeritus</i>	R	.....
10. J. L. Doob, Professor.....	ZA	17 500
(Total Salary)		(20 500)
11. Maurice H. Heins, Professor.....	A	14 500
12. Alex Heller, Professor.....	A	9 700

13. P. W. Ketchum, Professor.....	A	12 100
14. Joseph Landin, Professor.....	A	10 000
(On leave with one-half pay 1960-61)		
15. Harry Levy, Professor.....	A	11 500
16. C. W. Mendel, Professor.....	A	10 000
17. Henry J. Miles, Professor.....	ZA55	5 600
Executive Secretary of Department.....	ZAY45	5 600
(Total Salary)		(11 200)
18. Robert E. Pingry, Professor.....	ZA45	4 700
(Total Salary)		(10 400)
19. Irving Reiner, Professor.....	A	14 000
20. Michio Suzuki, Professor.....	A	11 000
(On leave without pay 1960-61)		
21. A. H. Taub, Research Professor of Applied Mathe-		
matics	ZA	.....
22. W. J. Trjitzinsky, Professor.....	A	14 400
23. H. E. Vaughan, Professor.....	ZA	9 000
24. ———, Professor of Mathematical Statistics....	A	18 000
25. ———, Professor	A	14 000
26. David E. Muller, Research Professor.....	ZA	.....
27. Beulah M. Armstrong, Associate Professor.....	A	8 000
28. Robert G. Bartle, Associate Professor.....	A	9 500
29. William W. Boone, Associate Professor.....	A	9 200
30. Donald L. Burkholder, Associate Professor of Mathe-		
matical Statistics	A	9 000
31. William A. Ferguson, Associate Professor.....	A	8 500
32. Donald B. Gillies, Research Associate Professor of Ap-		
plied Mathematics	ZAY	.....
33. Olive C. Hazlett, Associate Professor, <i>Emerita</i>	R	.....
34. Franz E. Hohn, Associate Professor.....	A	10 000
35. R. G. Langebartel, Associate Professor.....	A	9 000
36. G. E. Moore, Associate Professor, <i>Emeritus</i>	R	.....
37. Howard Osborn, Associate Professor.....	A	9 500
38. J. William Peters, Associate Professor.....	ZA80	7 040
(Total Salary)		(8 800)
39. Lee A. Rubel, Associate Professor.....	A	7 500
(On leave without pay 1960-61)		
40. Edward J. Scott, Associate Professor.....	A	9 000
(On leave without pay first semester and with pay		
second semester 1960-61)		
41. L. L. Stimley, Associate Professor, <i>Emeritus</i>	R	.....
42. Robert A. Wijsman, Associate Professor.....	A	9 000
43. Wilfrid Wilson, Associate Professor, <i>Emeritus</i>	R	.....
44. Richard L. Bishop, Assistant Professor.....	B	7 000
45. O. K. Bower, Assistant Professor.....	B	7 000
46. Josephine H. Chanler, Assistant Professor.....	B	7 700
47. Roberto Diaz, Assistant Professor.....	D	6 000
48. Amiel Feinstein, Assistant Professor.....	B	7 400
49. Robert M. Haber, Assistant Professor.....	B	7 000
50. Norman T. Hamilton, Assistant Professor.....	B	7 200
51. Corinne Hattan, Assistant Professor.....	B	6 100
52. Lester L. Helms, Assistant Professor.....	B	7 500
53. V. A. Hoersch, Assistant Professor, <i>Emeritus</i>	R	.....
54. Richard P. Jerrard, Assistant Professor.....	B	8 500
55. Carl W. Kohls, Assistant Professor.....	B	7 000
56. Ralph M. Krause, Assistant Professor.....	B	6 500
(On leave without pay 1960-61)		
57. Hiram Paley, Assistant Professor.....	B	6 400
58. Echo D. Pepper, Assistant Professor.....	B	7 500
59. Clarence Phillips, Assistant Professor.....	B	6 500
60. Donald M. Roberts, Assistant Professor.....	B	7 000
61. Jewell E. Schubert, Assistant Professor.....	B	7 000
62. Wilson M. Zaring, Assistant Professor.....	B	8 500

63. Herbert S. Wilf, Assistant Professor.....	B	7 500
64. —————, Assistant Professor.....	B	7 000
65. —————, Assistant Professor.....	B	7 000
66. —————, Assistant Professor.....	B	9 760
67. —————, Assistant Professor.....	B	8 000
68. —————, Assistant Professor.....	B	8 000
69. —————, Assistant Professor.....	B	7 500
70. —————, Assistant Professor.....	B	7 500
71. —————, Assistant Professor.....	B	7 500
72. —————, Assistant Professor.....	B	7 000
73. —————, Assistant Professor.....	B	7 000
74. Tyler Allhands, Instructor.....	D	5 400
75. David Sachs, Instructor.....	D	7 000
76. 34.00 Full Time Equivalent Assistants.....	E	129 700
Nonacademic Salaries		14 730
<i>Total, Salaries</i>		(742 630)
Wages.....		2 300
Expense		7 400
Equipment		500
<i>Total, Wages, Expense, and Equipment</i>		(10 200)
<i>Total, Mathematics</i>		\$752 830

Illinois Journal of Mathematics Revolving

Account Number 12-32-54-336

Expense	\$ 3 500
<i>Total, Illinois Journal of Mathematics Revolving....</i>	\$ 3 500

Microbiology

Account Number 00-32-55-100

1. —————, Professor and Head of Department.....	A	\$ 18 000
2. F. M. Clark, Professor.....	A	10 000
3. Ralph D. DeMoss, Professor.....	A	11 300
4. Halvor O. Halvorson, Professor.....	ZA	.....
5. Sol Spiegelman, Professor.....	A	15 250
6. G. I. Wallace, Professor.....	A	10 250
7. —————, Professor	A	12 900
8. Ralph S. Wolfe, Associate Professor.....	A	10 500
(On leave with one-half pay 1960-61)		
9. John W. Drake, Assistant Professor.....	B	8 000
10. Joseph T. Wachsman, Assistant Professor.....	B	7 000
11. 7.00 Full Time Equivalent Assistants.....	E	26 900
Nonacademic Salaries		39 090
<i>Total, Salaries</i>		(169 190)
Wages.....		4 000
Expense		23 400
Equipment		8 000
<i>Total, Wages, Expense, and Equipment</i>		(35 400)
<i>Total, Microbiology</i>		\$204 590

Cooperative Investigations

U.S. PUBLIC HEALTH SERVICE 2G319

Account Number 46-32-55-367

1. Noboru Sueoka, Assistant Professor.....	B	\$ 8 500
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U.S. PUBLIC HEALTH SERVICE 2G510

Account Number 46-32-55-370

1. Alfred Nisonoff, Associate Professor.....	A	\$ 12 000
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Philosophy

Account Number 00-32-57-100

1. D. W. Gotshalk, Professor.....	A}	\$15 300
Chairman of Department.....	B}	
2. M. H. Fisch, Professor.....	A	14 700

3. M. T. McClure, Professor, <i>Emeritus</i>	R	.....
4. John A. Nicholson, Professor, <i>Emeritus</i>	R	.....
5. A. R. Turquette, Professor.....	A	11 350
6. Frederick L. Will, Professor.....	A	12 600
(Leave to be determined)		
7. Bernard J. Diggs, Associate Professor.....	A	9 450
8. O. A. Kubitz, Associate Professor.....	ZAY25	2 225
(Total Salary)		(10 000)
9. Leonard Linsky, Associate Professor.....	A	8 200
(On leave without pay 1960-61)		
10. Harry M. Tiebout, Jr., Associate Professor.....	A	8 200
11. _____, Associate Professor.....	A	8 000
12. Paul R. Diesing, Assistant Professor.....	B	6 300
13. Henry S. Harris, Assistant Professor.....	B	6 800
14. _____, Assistant Professor.....	B	6 500
15. Charles E. Caton, Instructor.....	D	5 900
16. R. S. Grossmann, Instructor.....	D	5 550
17. 3.00 Full Time Equivalent Assistants.....	E	11 400
Nonacademic Salaries		3 720
Total, Salaries		(136 195)
Expense		1 900
Equipment		100
Total, Wages, Expense, and Equipment.....		(2 000)
Total, Philosophy		\$138 195

Physiology

Account Number 00-32-60-100		
1. Robert E. Johnson, Professor.....	ZA33	\$ 5 600
(Total Salary)		(17 000)
2. C. Ladd Prosser, Professor.....	A	14 000
3. Frederick Sargent II, Professor.....	A	9 400
4. F. R. Steggerda, Professor.....	A	11 550
(On leave with pay second semester 1960-61)		
5. A. B. Taylor, Professor.....	A	9 950
6. Garth J. Thomas, Professor.....	ZAY50	7 000
(Total Salary)		(14 000)
7. John D. Anderson, Associate Professor.....	A	9 500
(On leave with one-half pay 1960-61)		
8. Howard S. Ducoff, Associate Professor.....	AY	10 500
9. W. P. Elhardt, Associate Professor, <i>Emeritus</i>	R	.....
10. William H. Johnson, Associate Professor.....	A	7 900
11. Stanley G. Stolpe, Associate Professor.....	A	7 750
12. _____, Associate Professor.....	A	14 100
13. Clyde Manwell, Assistant Professor.....	B	7 500
14. Duane C. Sutfin, Assistant Professor.....	B	7 200
15. G. C. Wickwire, Assistant Professor.....	B	6 100
16. 11.00 Full Time Equivalent Assistants.....	E	42 700
17. 1.50 Full Time Equivalent Research Assistants.....	DY	7 200
Nonacademic Salaries		27 230
Total, Salaries		(205 180)
Wages.....		4 500
Expense		20 000
Equipment		7 000
Total, Wages, Expense, and Equipment.....		(37 500)
Total, Physiology		\$242 680

Political Science

Account Number 00-32-63-100		
1. C. F. Snider, Professor.....	A}	\$ 13 800
Chairman of Department.....	B}	
2. Clarence A. Berdahl, Professor.....	G	.....
(On leave without pay 1960-61)		
3. Royden Dangerfield, Professor.....	ZAY	.....

4. Murray J. Edelman, Professor.....	ZAY55	6 600
(Total Salary)		(12 000)
5. Neil F. Garvey, Professor.....	ZAY25	2 750
(Total Salary)		(11 000)
6. C. B. Hagan, Professor.....	A	11 300
7. Valentine Jobst III, Professor.....	A	10 000
(On leave without pay 1960-61)		
8. Charles M. Kneier, Professor.....	A	16 000
9. Edward G. Lewis, Professor.....	A	10 400
(On leave with one-half pay second semester 1960-61)		
10. J. M. Mathews, Professor, <i>Emeritus</i>	R	.....
11. Phillip Monypenny, Professor.....	A	10 200
12. Jack W. Peltason, Professor.....	A	9 800
(On leave with one-half pay 1960-61)		
13. J. Austin Ranney, Professor.....	ZAY41	4 800
(Total Salary)		(12 500)
14. Francis G. Wilson, Professor.....	A	14 100
15. George Manner, Associate Professor.....	A	7 600
16. Thomas Page, Associate Professor.....	ZA25	1 950
(Total Salary)		(7 800)
17. Robert E. Scott, Associate Professor.....	A	8 500
18. _____, Associate Professor.....	A50	4 700
19. Richard L. Butwell, Assistant Professor.....	B	7 300
20. _____, Assistant Professor.....	B	6 000
21. David J. Danelski, Instructor.....	D	6 300
22. Denis G. Sullivan, Instructor.....	D	6 300
23. 2.40 Full Time Equivalent Assistants.....	E	9 200
Nonacademic Salaries		3 900
<i>Total, Salaries</i>		(171 500)
Wages.....		200
Expense		2 000
Equipment		300
<i>Total, Wages, Expense, and Equipment</i>		(2 500)
<i>Total, Political Science</i>		\$174 000

Psychology

Account Number 00-32-66-100

1. Lloyd G. Humphreys, Professor and Head of Department.....	A	\$ 15 000
2. Raymond B. Cattell, Research Professor.....	A	13 500
3. Lee J. Cronbach, Professor.....	ZAY	.....
4. Charles W. Eriksen, Professor.....	A	10 300
5. Thomas N. Ewing, Professor.....	ZAY	.....
6. Fred E. Fiedler, Professor.....	A	9 900
7. William M. Gilbert, Professor.....	ZAY	.....
8. G. Robert Grice, Professor.....	A	11 000
9. Harold W. Hake, Professor.....	A	10 200
10. Roy M. Hamlin, Professor.....	A17	1 800
11. Leo A. Hellmer, Professor.....	AY	12 500
12. Glenn D. Higginson, Professor.....	A	9 000
13. J. M. Hunt, Professor.....	A	14 500
14. William E. Kappauf, Professor.....	A	12 800
15. Lyle H. Lanier, Professor.....	ZAY	.....
16. O. Hobart Mowrer, Research Professor.....	A	14 500
17. Lawrence I. O'Kelly, Professor.....	A	12 800
18. Charles E. Osgood, Professor.....	ZAY27	4 280
(Total Salary)		(15 750)
19. Lawrence M. Stolorow, Professor.....	ZA50	5 000
(Total Salary)		(10 000)
20. Ledyard R. Tucker, Professor.....	A	14 000
21. Herbert Woodrow, Professor, <i>Emeritus</i>	R	.....
22. Paul T. Young, Professor, <i>Emeritus</i>	R	.....
23. Jack A. Adams, Associate Professor.....	A	9 500
24. Wesley C. Becker, Associate Professor.....	A	8 000

25. Jozef B. Cohen, Associate Professor.....	A	8 000
26. Donelson E. Dulany, Jr., Associate Professor.....	A	8 250
27. Jerry Hirsch, Associate Professor.....	A	8 500
(On leave without pay first semester 1960-61)		
28. Alice K. Jonietz, Associate Professor.....	ZAY	.....
29. Robert P. Larsen, Associate Professor.....	ZAY	.....
30. W. G. McAllister, Associate Professor.....	A	8 000
31. William J. McGuire, Associate Professor.....	ZA70	5 775
(Total Salary)		(8 250)
32. Jum C. Nunnally, Jr., Associate Professor.....	ZAY25	2 625
(Total Salary)		(10 500)
33. Donald R. Peterson, Associate Professor.....	A	8 800
34. Hjalmar Rosen, Associate Professor.....	ZAY55	5 975
(Total Salary)		(10 850)
35. Alan K. Rosenwald, Associate Professor.....	AY	.....
36. Ivan D. Steiner, Associate Professor and Associate Head of Department.....	A	9 500
37. Pauline B. Armstrong, Assistant Professor.....	ZFY16	1 330
(Total Salary)		(7 500)
(Effective July 1, 1960)		
38. Louis C. Ate, Jr., Assistant Professor.....	ZBY	.....
39. Raymond W. Frankmann, Assistant Professor.....	B	7 000
40. Donald J. Shoemaker, Assistant Professor.....	B	7 400
41. H. Wallace Sinaiko, Assistant Professor.....	ZDY14	1 720
(Total Salary)		(12 500)
42. Stanley Stark, Assistant Professor.....	ZBY27	2 290
(Total Salary)		(8 500)
43. Harry C. Triandis, Assistant Professor.....	ZBY55	5 090
(Total Salary)		(9 250)
44. Morton Wagman, Assistant Professor.....	ZBY	.....
45. Morton W. Weir, Assistant Professor.....	B	6 300
46. _____, Assistant Professor.....	ZB33	2 250
47. 10.00 Full Time Equivalent Assistants.....	E	39 250
Nonacademic Salaries		33 735
Total, Salaries		(360 370)
Wages.....		3 000
Expense		22 400
Equipment.....		5 000
Total, Wages, Expense, and Equipment.....		(30 400)
Total, Psychology		\$390 770

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.....	ZFY84	6 170
(Effective July 1, 1960)		
3. Perry London, Assistant Professor.....	D	7 000
4. Donald T. Shannon, Assistant Professor.....	D	7 600
Total, U.S. Public Health Service 2M5089.....		\$ 25 470

U.S. PUBLIC HEALTH SERVICE M1041R2

Account Number 46-32-66-366

1. Gene R. LaForge, Research Assistant Professor.....	DY	\$ 9 500
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STATE DEPARTMENT OF PUBLIC WELFARE — MOTIVATION CONFLICT

Account Number 47-32-66-311

1. Arthur B. Sweney, Research Associate.....	DY	\$ 7 150
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Russian

Account Number 00-32-68-100

1. Ralph E. Matlaw, Associate Professor and Head of Department	A	\$ 12 000
2. Frances F. Sobotka, Associate Professor.....	A	10 000

3. _____, Associate Professor.....	A	8 500
4. Tatjana Cizevska, Assistant Professor.....	B	6 900
5. Olga Koshansky, Assistant Professor.....	B	6 300
6. Victor Terras, Assistant Professor.....	B	6 500
7. _____, Assistant Professor.....	B	6 500
8. 1.50 Full Time Equivalent Assistants.....	E	6 200
Nonacademic Salaries		3 750
<i>Total, Salaries</i>		(66 650)
Wages.....		100
Expense		850
Equipment		275
<i>Total, Wages, Expense, and Equipment</i>		(1 225)
<i>Total, Russian</i>		\$ 67 875

Sociology

Account Number 00-32-69-100		
1. Louis Schneider, Professor and Head of Department..	A	\$ 15 000
2. J. W. Albig, Professor, <i>Emeritus</i>	R	.....
3. E. T. Hiller, Professor, <i>Emeritus</i>	R	.....
4. J. E. Hulett, Jr., Professor.....	A	11 400
5. D. E. Lindstrom, Professor of Rural Sociology.....	ZAY	.....
6. Donald R. Taft, Professor, <i>Emeritus</i>	R	.....
7. _____, Professor	A	13 000
8. _____, Professor	A	13 500
9. E. A. Ahrens, Associate Professor.....	A	7 900
10. Clinton L. Folse, Professor of Rural Sociology.....	ZAY	.....
11. Margaret K. Chandler, Associate Professor.....	ZA50	4 000
(Total Salary)		(8 000)
(On leave without pay 1960-61)		
12. Bernard Farber, Associate Professor.....	ZAY40	4 000
(Total Salary)		(10 000)
13. Daniel Glaser, Associate Professor.....	A	9 100
14. Joseph R. Gusfield, Associate Professor.....	A	9 100
15. Robert W. Janes, Associate Professor.....	A	9 100
16. Bernard Karsh, Associate Professor.....	ZAY25	2 490
(Total Salary)		(9 950)
(Teaching one-third time first and second semesters)		
(Leave to be determined)		
17. Ernest H. Shideler, Associate Professor, <i>Emeritus</i>	R	.....
18. B. F. Timmons, Associate Professor, <i>Emeritus</i>	R	.....
19. Bennett M. Berger, Assistant Professor.....	ZB25	1 860
(Total Salary)		(7 450)
20. Ralph W. England, Jr., Assistant Professor.....	B	7 350
21. Bernard S. Phillips, Assistant Professor.....	B	7 300
22. 5.75 Full Time Equivalent Assistants.....	E	21 850
Nonacademic Salaries		8 925
<i>Total, Salaries</i>		(145 875)
Wages.....		400
Expense		3 000
Equipment		500
<i>Total, Wages, Expense, and Equipment</i>		(3 900)
<i>Total, Sociology</i>		\$149 775

Cooperative Investigations

FORD FOUNDATION — RECIDIVISM

Account Number 44-32-69-329		
1. Roger J. Fisher, Research Assistant.....	DY	\$ 4 800
2. George A. Pownall, Research Assistant.....	DY	5 800
<i>Total, Ford Foundation — Recidivism</i>		\$ 10 600

Spanish and Italian

Account Number 00-32-72-100		
1. W. H. Shoemaker, Professor of Spanish and Italian and Head of Department.....	A	\$ 14 500

2. J. H. D. Allen, Professor of Spanish and Portuguese..	A	10 000
3. Arthur Hamilton, Professor, <i>Emeritus</i>	ZR	.....
4. Henry R. Kahane, Professor of Spanish.....	A	12 500
5. James O. Crosby, Associate Professor of Spanish and Italian.....	A	8 500
6. Fred P. Ellison, Associate Professor of Spanish.....	A	8 500
7. Joseph S. Flores, Associate Professor of Spanish.....	ZA83	7 800
(Total Salary)		(9 400)
8. Luis Leal, Associate Professor of Spanish.....	A	8 500
9. Angelina Pietrangeli, Associate Professor of Spanish and Italian	ZA50	4 700
(Total Salary)		(9 400)
10. Albertine W. Osgood, Assistant Professor, <i>Emerita</i> ...	R	.....
11. Betty R. G. Lance, Instructor in Spanish.....	D	5 750
12. Mitchell D. Triwedi, Instructor in Spanish.....	D	5 750
13. ———, Instructor in Spanish.....	D	5 500
14. ———, Instructor in Spanish.....	D	5 500
15. 15.25 Full Time Equivalent Assistants.....	E	58 650
Nonacademic Salaries		5 085
<i>Total, Salaries</i>		(161 235)
Expense		2 900
Equipment		700
<i>Total, Wages, Expense, and Equipment</i>		(3 600)
<i>Total, Spanish and Italian</i>		\$164 835

Speech

Account Number 00-32-75-100		
1. Karl R. Wallace, Professor and Head of Department..	A	\$ 16 800
2. E. Thayer Curry, Professor.....	A	10 300
3. Grant Fairbanks, Professor.....	AY	14 200
4. Halbert E. Gulley, Professor.....	A	9 500
5. Barnard W. Hewitt, Professor.....	A	11 900
6. Marie Hochmuth, Professor.....	A	9 900
(On leave without pay 1960-61)		
7. Lee S. Hultzen, Professor.....	A	9 700
8. Richard Murphy, Professor.....	A	10 900
9. Raymond E. Nadeau, Professor.....	A	9 500
(On leave with pay second semester 1960-61)		
10. Severina E. Nelson, Professor.....	A	10 450
(On leave with pay first semester 1960-61)		
11. John J. O'Neill, Professor and Director of Speech and Hearing Clinics	ZAY80	10 900
(Total Salary)		(13 000)
12. W. M. Parrish, Professor, <i>Emeritus</i>	R	.....
13. John Wesley Swanson, Professor and Executive Secretary of Department.....	A	10 500
14. Clara M. Behringer, Associate Professor.....	A	7 900
15. King W. Broadrick, Associate Professor.....	A	7 800
(On leave with pay second semester 1960-61)		
16. Martin T. Cobin, Associate Professor.....	A	7 800
17. Otto A. Dieter, Associate Professor.....	A	7 950
18. Henry L. Mueller, Associate Professor.....	A	8 350
19. Joseph W. Scott, Associate Professor, Supervisor of Dramatic Productions and Director of University Theatre.....	AY	10 500
20. Karl A. Windesheim, Associate Professor.....	A	8 300
21. ———, Associate Professor.....	A	8 150
22. Ted J. Barnes, Assistant Professor.....	B	6 450
23. Wayne E. Brockriede, Assistant Professor.....	B	7 900
24. Kenneth Burns, Assistant Professor.....	ZB45	3 150
(Total Salary)		(7 000)
25. Naomi W. Hunter, Assistant Professor.....	B	6 200
26. Charles L. Hutton, Jr., Assistant Professor.....	B	6 800

27. Frances L. Johnson, Assistant Professor.....	ZB50	3 000
(Total Salary)		(6 000)
28. Lawrence W. Olson, Assistant Professor.....	B	7 200
29. Genevieve Richardson, Assistant Professor.....	B	6 700
30. Marie O. Shere, Assistant Professor.....	B	6 550
31. Bernhard R. Works, Assistant Professor.....	B	6 200
32. _____, Assistant Professor.....	B	6 000
33. Mary H. Arbenz, Instructor.....	D	6 300
34. Jane B. Archer, Instructor.....	D	4 700
35. Webster L. Smalley, Instructor.....	D	6 300
36. _____, Instructor	D	5 250
37. 15.75 Full Time Equivalent Assistants.....	E	60 375
38. 0.50 Full Time Equivalent Research Assistants.....	DY	2 325
39. 0.60 Full Time Equivalent Assistants Nonrecurring...	E	(2 100)
Nonacademic Salaries		31 280
Total, Salaries		(383 980)
Wages.....		1 700
Expense, General		6 783
Expense, Speech Laboratory.....		2 700
Equipment		3 600
Total, Wages, Expense, and Equipment.....		(14 783)
Total, Speech		\$398 763

Speech Revolving

Account Number 12-32-75-170

Nonacademic Salaries	\$ 3 060
Expense	500
Total, Speech Revolving.....	\$ 3 560

Zoology

Account Number 00-32-79-100

1. James B. Kitzmiller, Professor.....	A)	\$ 13 700
Chairman of Department.....	B)	.....
2. L. A. Adams, Professor, <i>Emeritus</i>	R	.....
3. F. B. Adamstone, Professor.....	A	13 000
4. B. Vincent Hall, Professor.....	A	10 500
5. C. G. Hartman, Professor, <i>Emeritus</i>	R	.....
6. Donald F. Hoffmeister, Professor.....	ZAY	.....
7. Lester Ingle, Professor.....	A	10 000
8. S. Charles Kendeigh, Professor.....	A	13 000
9. R. R. Kudo, Professor, <i>Emeritus</i>	R	.....
10. Wilbur M. Luce, Professor.....	A	9 500
11. David L. Nanney, Professor.....	A	12 500
12. V. E. Shelford, Professor, <i>Emeritus</i>	R	.....
13. Hobart M. Smith, Professor.....	A	10 800
14. Lyell J. Thomas, Professor.....	A	12 000
15. _____, Professor	A	13 500
16. Robert S. Bader, Associate Professor.....	A	7 850
17. John O. Corliss, Associate Professor.....	A	9 600
(On leave with pay first semester 1960-61)		
18. Francis J. Kruidenier, Associate Professor.....	A	9 050
19. Max R. Matteson, Associate Professor.....	A	8 200
20. Hurst H. Shoemaker, Associate Professor.....	A	8 000
21. George W. Barlow, Assistant Professor.....	B	6 500
22. Wesley J. Birge, Assistant Professor.....	B	6 800
23. Michael J. Greenberg, Assistant Professor.....	B	6 500
24. _____, Assistant Professor.....	B	6 500
25. _____, Histological Technician.....	E	3 800
26. _____, Research Assistant.....	E	3 800
27. 17.00 Full Time Equivalent Assistants.....	E	64 600
28. 0.50 Full Time Equivalent Research Assistants.....	DY	2 400

Nonacademic Salaries	33 857
<i>Total, Salaries</i>	(295 957)
Wages	3 300
Expense	25 500
Equipment	8 000
<i>Total, Wages, Expense, and Equipment</i>	(36 800)
<i>Total, Zoology</i>	\$332 757

Classical Museum

Account Number 00-32-81-100

1. John L. Heller, Curator.....	ZA	.....
<i>Total, Salaries</i> .....		.....
Wages		\$ 1 500
Expense		200
Equipment		300
<i>Total, Wages, Expense, and Equipment</i>		(2 000)
<i>Total, Classical Museum</i>		\$ 2 000

European Culture Museum

Account Number 00-32-83-100

1. Florence Fletcher, Curator, <i>Emerita</i>	R	.....
2. 0.50 Full Time Equivalent Assistants.....	E	\$ 1 900
<i>Total, Salaries</i>		(1 900)
Wages		1 500
Expense		150
Equipment		450
<i>Total, Wages, Expense, and Equipment</i>		(2 100)
<i>Total, European Culture Museum</i>		\$ 4 000

COLLEGE OF PHYSICAL EDUCATION**General**

	Salaries	Wages, Ex- pense, and Equipment	Total
<i>Instruction</i>			
Administration	\$ 31 530	\$17 050	\$ 48 580
Health and Safety Education	76 790	5 990	82 780
Physical Education for Men	277 045	26 400	303 445
Physical Education for Women	164 295	18 700	182 995
Recreation	76 280	5 760	82 040
Student Rehabilitation Center	51 460	13 150	64 610
<i>Total, General</i>	\$677 400	\$87 050	\$764 450

Restricted

	Salaries	Wages, Ex- pense, and Equipment	Total
<i>Instruction</i>			
Physical Education Revolving		\$1 000	\$ 1 000
Rehabilitation Transportation Revolving		1 000	1 000
Estimated Endowment Income		100	100
<i>Total, Instruction</i>		(2 100)	(2 100)
<i>Organized Research</i>			
Estimated Private Gifts	\$3 000	6 000	9 000
<i>Extension and Public Services</i>			
Recreation Service Revolving		300	300
<i>Total, Restricted</i>	\$3 000	\$8 400	\$11 400

Administration

Account Number 00-36-01-100

1. S. C. Staley, Dean	ZBY	\$ 18 000
2. Asbury C. Moore, Jr., Assistant to Dean	ZDY75	6 150
(Total Salary)		(8 200)
Nonacademic Salaries		7 380
<i>Total, Salaries</i>		(31 530)

Wages.....	3 150
Expense.....	9 900
Contingent.....	2 000
Convention Travel.....	1 700
Nonrecurring Unassigned.....	(1 000)
Equipment.....	300
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(17 050)</i>
<i>Total, Administration.....</i>	<i>\$ 48 580</i>

Health and Safety Education

Account Number 00-36-05-100

1. Howard S. Hoyman, Professor of Health Education and Head of Department.....	A	\$ 14 400
2. A. E. Florio, Professor of Safety Education.....	A	12 200
3. George T. Stafford, Professor of Health Education..	ZA75	9 000
(Total Salary).....		(12 000)
(On leave with pay second semester 1960-61)		
4. Floyd E. Boys, Associate Professor of Health Education.....	AY	13 900
5. Gertrude B. Couch, Associate Professor of Health Education.....	A	8 100
6. Warren J. Huffman, Assistant Professor of Health Education.....	ZB25	2 250
(Total Salary).....		(9 000)
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	5 250
11. 1.75 Full Time Equivalent Assistants.....	E	7 700
Nonacademic Salaries.....		3 990
<i>Total, Salaries.....</i>		<i>(76 790)</i>
Wages.....		2 100
Expense, General.....		3 490
Equipment.....		400
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(5 990)</i>
<i>Total, Health and Safety Education.....</i>		<i>\$ 82 780</i>

Physical Education for Men

Account Number 00-36-10-100

1. C. O. Jackson, Professor and Head of Department....	A	\$ 13 100
2. T. K. Cureton, Jr., Professor.....	A	14 750
3. H. E. Kenney, Professor.....	A	11 800
4. Douglas R. Mills, Professor.....	AY13	2 700
(Also paid \$19,300 by Athletic Association)		
5. S. C. Staley, Professor.....	ZAY	.....
6. Raymond Eliot, Associate Professor.....	A13	2 600
(Also paid \$15,900 by Athletic Association)		
7. Peter R. Elliott, Associate Professor.....	A13	2 350
(Also paid \$15,650 by Athletic Association)		
8. Alfred W. Hubbard, Associate Professor.....	A	9 600
9. Burton A. Ingwersen, Associate Professor.....	A25	2 300
(Also paid \$12,700 by Athletic Association)		
10. R. E. Shelton, Associate Professor.....	AY	10 800
11. Alan J. Barry, Assistant Professor.....	B	7 500
12. Howard J. Braun, Assistant Professor.....	B50	3 700
(Also paid \$6,300 by Athletic Association)		
13. Melvin C. Brewer, Assistant Professor.....	B25	1 750
(Also paid \$12,750 by Athletic Association)		
14. Harry A. Combes, Assistant Professor.....	B20	1 700
(Also paid \$11,900 by Athletic Association)		
15. Lee P. Eilbracht, Assistant Professor.....	B25	2 050
(Also paid \$9,450 by Athletic Association)		
16. Ralph E. Fletcher, Assistant Professor.....	B50	4 200
(Also paid \$9,100 by Athletic Association)		

17. L. T. Johnson, Assistant Professor.....	B13	950
(Also paid \$13,050 by Athletic Association)		
18. A. B. Klingel, Assistant Professor.....	B25	2 000
(Also paid \$8,700 by Athletic Association)		
19. Thomas F. Krizan, Assistant Professor.....	D	6 500
20. H. C. Paterson, Assistant Professor.....	B	8 050
21. Buel R. Patterson, Assistant Professor.....	B25	1 900
(Also paid \$7,200 by Athletic Association)		
22. Richard H. Pohndorf, Assistant Professor.....	B	7 900
23. Charles P. Pond, Assistant Professor.....	B75	5 900
(Also paid \$3,100 by Athletic Association)		
24. E. J. Manley, Associate, <i>Emeritus</i>	R	.....
25. Richard A. Berger, Instructor.....	D	5 500
26. Edmund M. Bernauer, Instructor.....	D50	2 600
(Also paid \$3,200 by Athletic Association)		
27. William A. Bynum, Jr., Instructor.....	D	5 500
28. Edward H. Heath, Instructor.....	ZD25	1 425
(Total Salary)		(5 700)
29. Asbury C. Moore, Jr., Instructor.....	ZDY25	2 050
(Total Salary)		(8 200)
30. John T. Powell, Instructor.....	D75	4 850
31. Eugene C. Stauber, Instructor.....	D25	1 700
(Also paid \$7,800 by Athletic Association)		
32. _____, Instructor.....	D50	2 450
33. J. Thomas Fisher, Assistant.....	E	4 950
34. William L. Hottinger, Assistant.....	E	5 500
35. Coleman B. McPhail, Assistant.....	E25	1 150
(Also paid \$7,350 by Athletic Association)		
36. Robert L. Nicolette, Assistant.....	E13	800
(Also paid \$6,300 by Athletic Association)		
37. William L. Tate, Assistant.....	E25	1 200
(Also paid \$6,100 by Athletic Association)		
38. William D. Taylor, Assistant.....	E25	1 450
(Also paid \$7,050 by Athletic Association)		
39. James J. Valek, Assistant.....	E25	1 350
(Also paid \$7,250 by Athletic Association)		
40. Brodie C. Westen, Jr., Assistant.....	E	4 900
41. _____, Assistant.....	E	5 200
42. _____, Assistant.....	E	5 000
43. 11.00 Full Time Equivalent Assistants.....	E	43 200
44. 1.00 Full Time Equivalent Research Assistants.....	DY	6 000
45. Summer Sport Fitness.....	G	5 750
Nonacademic Salaries		43 020
<i>Total, Salaries</i>		(277 045)
Wages.....		1 700
Expense, General		22 100
Equipment		2 600
<i>Total, Wages, Expense, and Equipment</i>		(26 400)
<i>Total, Physical Education for Men</i>		\$303 445

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	A	\$ 12 000
2. Louise Freer, Professor, <i>Emerita</i>	R	.....
3. Margaret Erlanger, Associate Professor.....	A	8 000
4. Ann E. Jewett, Associate Professor.....	ZA25	2 075
(Total Salary)		(8 300)
5. Carita Robertson, Associate Professor.....	A	8 900

6. Beulah J. Drom, Assistant Professor.....	B	6 950
(On leave with pay first semester 1960-61)		
7. Phyllis Jo Hill, Assistant Professor.....	ZB80	5 000
(Total Salary)		(6 250)
8. Mary Florence Lawson, Assistant Professor, <i>Emerita</i> ..	R	.....
9. Enid Schnauber, Assistant Professor.....	ZB80	5 560
(Total Salary)		(6 950)
10. Olive G. Young, Assistant Professor.....	B	7 000
11. Martha A. Aly, Instructor.....	D	5 300
12. Florence P. Cullen, Instructor.....	D	6 650
13. M. Lorraine Flower, Instructor.....	D	6 500
14. Marjorie M. Harris, Instructor.....	D	5 850
15. Annelis S. Jensen, Instructor.....	D	5 750
16. Mary H. Slaughter, Instructor.....	D	5 050
17. Marjorie A. Souder, Instructor.....	ZD90	5 085
(Total Salary)		(5 650)
18. Alan R. Thomas, Instructor.....	ZD33	2 230
(Total Salary)		(4 460)
19. Willis W. Ward, Jr., Instructor.....	D	5 350
20. Beverly D. Wilson, Instructor.....	D	5 300
21. Nancy W. Zaharko, Instructor.....	D	5 250
22. _____, Instructor	D	5 400
23. Helga Deutsch, Assistant.....	E	4 800
24. 5.00 Full Time Equivalent Assistants.....	E	19 450
Nonacademic Salaries		20 845
Total, Salaries		(164 295)
Wages.....		2 900
Expense		13 400
Equipment		2 400
Total, Wages, Expense, and Equipment.....		(18 700)
Total, Physical Education for Women.....		\$182 995

Recreation

Account Number 00-36-25-100

1. Charles K. Brightbill, Professor and Head of Department.....	A	\$ 15 300
2. Allen V. Sapora, Professor.....	A	10 450
3. Maxwell R. Garret, Assistant Professor.....	B75	5 500
(Also paid \$3,600 by Athletic Association)		
(On leave with pay first semester 1960-61)		
4. Howard E. Weaver, Assistant Professor.....	B	8 200
5. Mary V. Frye, Instructor.....	D	6 450
6. Edward H. Storey, Instructor.....	DY	8 200
7. _____, Lecturer	G25	800
(First semester)		
8. 3.50 Full Time Equivalent Assistants.....	E	14 000
Nonacademic Salaries		7 380
Total, Salaries		(76 280)
Wages.....		1 950
Expense		3 460
Equipment		350
Total, Wages, Expense, and Equipment.....		(5 760)
Total, Recreation		\$ 82 040

Recreation Service Revolving

Account Number 12-36-25-470

Expense	\$ 300
Total, Recreation Service Revolving.....	\$ 300

Student Rehabilitation Center

Account Number 00-36-30-100

1. Timothy J. Nugent, Assistant Professor of Physical Education for Men.....	BY	\$ 10 000
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2. Charles D. Elmer, Instructor in Physical Education for Men	DY	7 200
3. Dean Trembly, Instructor in Physical Education for Men	DY	6 500
4. Kenneth S. Clarke, Supervisor of Special Services with rank of Assistant	DY	6 500
5. 2.00 Full Time Equivalent Assistants	E	8 600
Nonacademic Salaries		12 660
<i>Total, Salaries</i>		(51 460)
Wages		7 000
Expense		5 750
Equipment		400
<i>Total, Wages, Expense, and Equipment</i>		(13 150)
<i>Total, Student Rehabilitation Center</i>		\$ 64 610

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, Ex- pense, and Equipment	Total
<i>Instruction</i>	<i>Salaries</i>		
Correspondence Courses	\$ 26 160	\$ 7 200	\$ 33 360
<i>Extension and Public Services</i>			
Administration	75 060	8 805	83 865
Conference Programs	43 005	4 500	47 505
Programs in Education		2 000	2 000
Police Training Institute	14 380	12 700	27 080
Extramural Classes	89 450	257 905	347 355
Field Staff	31 700	10 500	42 200
Music Extension	45 585	4 900	50 485
Audio-Visual Aids	13 510	7 900	21 410
<i>Total, Extension and Public Services</i>	(312 690)	(309 210)	(621 900)
<i>Total, General</i>	\$338 850	\$316 410	\$655 260

Restricted		Wages, Ex- pense, and Equipment	Total
<i>Extension and Public Services</i>	<i>Salaries</i>		
Short Courses and Conferences Revolving	\$ 10 020	\$187 500	\$197 520
Extramural Classes Revolving		32 000	32 000
Music Extension Revolving		80 000	80 000
Summer Speech Workshop Revolving		2 100	2 100
Graphic Arts Revolving	62 160	180 000	242 160
<i>Total, Extension and Public Services</i>	(72 180)	(481 600)	(553 780)
<i>Auxiliary Enterprises</i>			
Allerton House Operations	48 250	91 000	139 250
<i>Total, Restricted</i>	\$120 430	\$572 600	\$693 030

Administration

Account Number 00-40-01-400

1. _____, Dean	BY	\$ 16 500
2. Gerald C. Carter, Supervisor of Counseling and Testing	BY}	
Professor of Psychology	AY}	11 850
3. Stanley C. Robinson, Associate Dean	ZBY	13 000
4. Helen Farlow, Extension Specialist in Journalism	DY	8 450
Nonacademic Salaries		25 260
<i>Total, Salaries</i>		(75 060)
Wages		1 925
Expense		4 180

Convention Travel	700
Nonrecurring Unassigned	(1 000)
Equipment	2 000
<i>Total, Wages, Expense, and Equipment</i>	(8 805)
<i>Total, Administration</i>	\$ 83 865

Correspondence Courses

Account Number 00-40-10-100	
1. Neil F. Garvey, Director.....	ZBY75 \$ 8 250
(Total Salary)	(11 000)
Nonacademic Salaries	17 910
<i>Total, Salaries</i>	(26 160)
Wages.....	400
Wages, Nonrecurring	(15 000)
Expense	6 050
Equipment	750
<i>Total, Wages, Expense, and Equipment</i>	(7 200)
<i>Total, Correspondence Courses</i>	\$ 33 360

Cooperative Investigations

STATE OF ILLINOIS — PUBLIC SAFETY AND FIRE PREVENTION

Account Number 47-40-15-426

1. R. K. Newton, Supervisor of Fire Prevention in Extension	ZBY50 \$ 5 125
(Total Salary)	(10 250)
2. Samuel E. Crow, Extension Specialist.....	DY 7 900
3. Joseph I. Fетters, Extension Specialist.....	DY 9 850
4. Willford J. Eckert, Extension Specialist.....	DY 6 700
<i>Total, State of Illinois — Public Safety and Fire Prevention</i>	\$ 29 575

Conference Programs

Account Number 00-40-20-400	
1. Norman W. Johnson, Supervisor of Short Courses and Conferences	ZBY{
Associate Professor of Adult Education.....	AY } \$ 13 150
2. R. K. Newton, Supervisor of Engineering Extension with rank of Associate Professor.....	ZBY50 5 125
(Total Salary)	(10 250)
3. Hugh M. Davison, Extension Specialist.....	ZDY88 7 150
(Total Salary)	(8 200)
4. Romaine C. Wicklund, Extension Specialist.....	DY 6 900
Nonacademic Salaries	10 680
<i>Total, Salaries</i>	(43 005)
Wages.....	1 100
Expense	2 400
Expense, Programs in Education.....	2 000
Equipment	1 000
<i>Total, Wages, Expense, and Equipment</i>	(6 500)
<i>Total, Conference Programs</i>	\$ 49 505

Short Courses and Conferences Revolving

Account Number 12-40-20-470	
Nonacademic Salaries	\$ 10 020
<i>Total, Salaries</i>	(10 020)
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>	\$197 520

Auxiliary — Allerton House Operation

Account Number 18-40-20-784

1. Norman W. Johnson, Director of Robert Allerton House	ZBY	.....
Nonacademic Salaries		\$ 48 250
<i>Total, Salaries</i>		(48 250)
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>		\$139 250

Police Training Institute

Account Number 00-40-22-400

1. Ervin H. Warren, Director	BY	\$ 10 450
2. Hugh M. Davison, Extension Specialist	ZDY12	1 050
(Total Salary)		(8 200)
Nonacademic Salaries		2 880
<i>Total Salaries</i>		(14 380)
Wages		2 500
Expense		10 000
Equipment		200
<i>Total, Wages, Expense, and Equipment</i>		(12 700)
<i>Total, Police Training Institute</i>		\$ 27 080

Extramural Classes

Account Number 00-40-30-400

1. Scott B. York, Supervisor of Extramural Classes with rank of Associate Professor	BY	\$ 10 800
2. Herman Erickson, Professor of Labor and Industrial Relations	ZAY50	5 950
(Total Salary)		(11 900)
3. Homer L. Gammill, Professor of Industrial Psychology	ZAY50	5 700
(Total Salary)		(11 400)
4. Phillips L. Garman, Professor of Labor and Industrial Relations	ZAY25	3 750
(Total Salary)		(15 000)
5. John F. Humes, Professor of Industrial Psychology	ZAY50	5 950
(Total Salary)		(11 900)
6. Richard R. Marsh, Professor of Food Technology	AY	11 000
7. Daniel W. Snader, Professor of Education	ZA50	(4 200)
(Total Salary)		(8 400)
(On leave without pay three years from March 1, 1959)		
8. George T. Stafford, Professor of Physical Education	ZA25	3 000
(Total Salary)		(12 000)
9. Earl C. Wolfe, Professor of Labor and Industrial Relations	ZAY50	6 225
(Total Salary)		(12 450)
10. Warren J. Huffman, Assistant Professor of Health Education	ZB25	2 250
(Total Salary)		(9 000)
11. Milferd Lieberthal, Assistant Professor of Labor and Industrial Relations	ZBY50	4 025
(Total Salary)		(8 050)
12. Olive C. DeBruler, Instructor in Library Science	ZD50	3 400
(Total Salary)		(6 800)
13. Robert L. Johnston, Extension Specialist	DY	9 250
Nonacademic Salaries		18 150
<i>Total, Salaries</i>		(89 450)
Wages		166 570
Wages, Nonacademic Courses		4 420

Expense	82 215
Equipment	4 700
<i>Total, Wages, Expense, and Equipment</i>	<u>(257 905)</u>
<i>Total, Extramural Classes</i>	\$347 355

Extramural Classes Revolving

Account Number 12-40-30-470	
Wages	\$ 19 000
Expense	13 000
<i>Total, Extramural Classes Revolving</i>	<u>\$ 32 000</u>

Field Staff

Account Number 00-40-40-400	
1. Walter V. Brown, Extension Specialist.....	DY \$ 8 950
2. Arthur J. Proteau, Extension Specialist.....	DY 9 250
3. Fred W. Steuernagel, Extension Specialist.....	DY 8 100
Nonacademic Salaries	5 400
<i>Total, Salaries</i>	<u>(31 700)</u>
Expense	10 000
Equipment	500
<i>Total, Wages, Expense, and Equipment</i>	<u>(10 500)</u>
<i>Total, Field Staff</i>	\$ 42 200

Music Extension

Account Number 00-40-50-400	
1. John Paul Painter, Director of Music Extension.....	ZBY \$ 10 700
2. Thomas S. Richardson, Assistant to Director.....	ZBY 9 000
3. Gilbert R. Waller, Professor of Music Education.....	ZA50 4 825
(Total Salary)	<u>(9 650)</u>
4. Daniel J. Perrino, Assistant Professor of Music Education	ZBY 7 500
Nonacademic Salaries	13 560
<i>Total, Salaries</i>	<u>(45 585)</u>
Wages	200
Expense	3 700
Equipment	1 000
<i>Total, Wages, Expense, and Equipment</i>	<u>(4 900)</u>
<i>Total, Music Extension</i>	\$ 50 485

Music Extension Revolving

Account Number 12-40-50-470	
Expense	\$ 80 000
<i>Total, Music Extension Revolving</i>	<u>\$ 80 000</u>

Summer Speech Workshop Revolving

Account Number 12-40-50-478	
Expense	\$ 2 100
<i>Total, Summer Speech Workshop Revolving</i>	<u>\$ 2 100</u>

Audio-Visual Aids

Account Number 00-40-60-400	
1. Thomas H. Boardman, Supervisor of Audio-Visual Aids with rank of Assistant Professor.....	BY \$ 9 550
Nonacademic Salaries	3 960
<i>Total, Salaries</i>	<u>(13 510)</u>
Expense	3 900
Equipment	4 000
<i>Total, Wages, Expense, and Equipment</i>	<u>(7 900)</u>
<i>Total, Audio-Visual Aids</i>	\$ 21 410

Graphic Arts Revolving

Account Number 12-40-60-470

Nonacademic Salaries	\$ 62 160
<i>Total, Salaries</i>	(62 160)
Wages.....	10 000
Expense	155 000
Equipment	15 000
<i>Total, Wages, Expense, and Equipment</i>	(180 000)
<i>Total, Graphic Arts Revolving</i>	\$242 160

COLLEGE OF VETERINARY MEDICINE**General**

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Administration.....	\$136 885	\$18 410	\$155 295
Contingent.....	.....	3 000	3 000
Veterinary Anatomy and Histology.....	38 065	3 300	41 365
Veterinary Clinical Medicine.....	111 360	6 510	117 870
Veterinary Pathology and Hygiene.....	123 250	12 000	135 250
Veterinary Physiology and Pharmacology.....	39 545	3 500	43 045
<i>Total, Instruction</i>	(449 105)	(46 720)	(495 825)
<i>Organized Research</i>			
Center for Zoonoses Research.....	12 000	.....	12 000
<i>Total, General</i>	\$461 105	\$46 720	\$507 825

Restricted

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Estimated U.S. Contracts.....	.....	\$ 5 000	\$ 5 000
<i>Organized Activities Relating to Instruction</i>			
Veterinary Clinic Revolving.....	\$10 140	58 000	68 140
<i>Organized Research</i>			
Estimated Private Gifts.....	3 000	2 000	5 000
Estimated U.S. Contracts.....	10 000	16 000	26 000
<i>Total, Organized Research</i>	(13 000)	(18 000)	(31 000)
<i>Total, Restricted</i>	\$23 140	\$81 000	\$104 140

Administration

Account Number 00-44-01-100

1. C. A. Brandly, Professor and Dean.....	ZBY75	\$ 15 375
(Total Salary)		(20 500)
2. Robert Graham, Professor and Dean, <i>Emeritus</i>	R	.....
3. 0.50 Full Time Equivalent Assistant Editor.....	DY	2 640
Nonacademic Salaries		118 870
<i>Total, Salaries</i>		(136 885)
Wages.....		5 710
Expense		10 400
Contingency.....		3 000
Convention Travel		800
Nonrecurring Unassigned		(1 000)
Equipment		1 500
<i>Total, Wages, Expense, and Equipment</i>		(21 410)
<i>Total, Administration</i>		\$158 295

Cooperative Investigations

U.S. PUBLIC HEALTH SERVICE E2084

Account Number 46-44-01-366

1. Julius P. Kreier, Instructor in Veterinary Pathology and Hygiene	ZDY17	\$ 1 000
(Total Salary)		(5 850)

2. Wilhelm F. Schaeffler, Instructor in Veterinary Pathology and Hygiene.....	ZDY17	1 045
(Total Salary)		(4 600)
3. Marilyn Larson, Assistant in Veterinary Pathology and Hygiene.....	ZDY50	2 325
(Total Salary)		(4 650)
<i>Total, U.S. Public Health Service E2084.....</i>		<u>\$ 4 370</u>

Veterinary Anatomy and Histology

Account Number 00-44-10-100

1. L. E. St. Clair, Professor and Head of Department...	ZAY75	\$ 10 125
(Total Salary)		(13 500)
2. Ray D. Hatch, Professor.....	ZAY	.....
3. Richard A. Notzold, Instructor.....	DY	6 800
4. Elizabeth J. Reeves, Instructor.....	DY	6 000
5. A. H. Safanie, Instructor.....	ZDY90	8 640
(Total Salary)		(9 600)
6. Ernest V. Stromlund, Instructor.....	DY	6 500
<i>Total, Salaries</i>		<i>(38 065)</i>
Expense		2 300
Equipment		1 000
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(3 300)</i>
<i>Total, Veterinary Anatomy and Histology.....</i>		<u><i>\$ 41 365</i></u>

Veterinary Clinical Medicine

Account Number 00-44-20-100

1. Loyd E. Boley, Professor and Head of Department...	ZAY	\$ 16 000
2. Harry Jr. Hardenbrook, Professor.....	ZAY	12 300
3. Ray D. Hatch, Professor.....	ZAY	12 200
4. Alfred G. Schiller, Associate Professor.....	AY	12 100
5. Bruce Brodie, Assistant Professor.....	BY	8 700
6. Dragutin Maksic, Assistant Professor.....	BY	8 800
7. John P. Manning, Assistant Professor.....	BY	8 800
8. ———, Assistant Professor.....	BY	8 000
9. Lloyd C. Helper, Instructor.....	ZDY70	4 880
(Total Salary)		(6 950)
10. Thomas N. Phillips, Instructor.....	DY	8 100
11. Erwin Small, Instructor.....	DY	7 000
12. ———, Instructor	ZDY70	4 480
<i>Total, Salaries</i>		<i>(111 360)</i>
Expense		4 010
Equipment		2 500
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(6 510)</i>
<i>Total, Veterinary Clinical Medicine.....</i>		<u><i>\$117 870</i></u>

Veterinary Clinic Revolving

Account Number 12-44-20-270

Nonacademic Salaries	\$ 10 140
Expense	58 000
<i>Total, Veterinary Clinic Revolving.....</i>	<u><i>\$ 68 140</i></u>

Veterinary Pathology and Hygiene

Account Number 00-44-30-100

1. J. O. Alberts, Professor and Head of Department....	ZAY65	\$ 9 750
(Total Salary)		(15 000)
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. Norman D. Levine, Professor of Veterinary Parasitology.....	ZAY65	8 700
(Total Salary)		(13 400)
6. Miodrag Ristic, Professor.....	AY	13 000
7. Diego Segre, Professor of Veterinary Microbiology and Public Health.....	ZAY65	7 480
(Total Salary)		(11 500)
8. Deam H. Ferris, Associate Professor.....	ZAY	12 500
9. Lyle E. Hanson, Associate Professor.....	ZAY15	1 785
(Total Salary)		(11 900)
10. Manford E. Mansfield, Associate Professor of Veterinary Extension	ZAY	.....
11. Adolf M. Watrach, Associate Professor.....	AY	10 000
12. George T. Woods, Associate Professor of Veterinary Microbiology and Public Health.....	ZAY40	4 240
(Total Salary)		(10 600)
13. Jesse R. Pickard, Assistant Professor of Veterinary Extension.....	ZBY40	4 200
(Total Salary)		(10 500)
14. Harry E. Rhoades, Assistant Professor.....	BY	9 200
15. Thomas E. Fritz, Instructor.....	DY	6 300
16. Virginia Ivens, Instructor.....	DY	6 070
17. Raymond E. Olsen, Instructor.....	DY75	4 600
18. Wilhelm F. Schaeffler, Instructor.....	ZDY50	3 075
(Total Salary)		(4 600)
19. _____, Instructor	DY25	1 500
20. Marion E. Compton, Assistant.....	DY	5 000
21. _____, Assistant	DY	6 100
<i>Total, Salaries</i>		(123 250)
Expense		9 500
Equipment		2 500
<i>Total, Wages, Expense, and Equipment</i>		(12 000)
<i>Total, Veterinary Pathology and Hygiene</i>		\$135 250

Cooperative Investigations

U.S. PUBLIC HEALTH SERVICE E 2087

Account Number 46-44-30-363

1. Marilyn Larson, Assistant.....	ZDY50	\$ 2 325
(Total Salary)		(4 650)

U.S. PUBLIC HEALTH SERVICE E 2141

Account Number 46-44-30-365

1. Julius P. Kreier, Instructor.....	ZDY74	\$ 4 350
(Total Salary)		(5 850)
2. Christina G. Barthel, Assistant.....	DY	4 650
3. Sharon L. Dinger, Assistant.....	ZDY87	4 060
(Total Salary)		(4 650)
<i>Total, U.S. Public Health Service E 2141</i>		\$ 13 060

U.S. PUBLIC HEALTH SERVICE E 3315

Account Number 46-44-30-369

1. Julius P. Kreier, Instructor.....	ZDY9	\$ 500
2. Sharon L. Dinger, Assistant.....	ZDY13	590
<i>Total, U.S. Public Health Service E 3315</i>		\$ 1 090

Veterinary Physiology and Pharmacology

Account Number 00-44-40-100

1. Jesse Sampson, Professor and Head of Department...	ZAY70	\$ 8 540
(Total Salary)		(12 200)
2. Harry Jr. Hardenbrook, Professor.....	ZAY	.....
3. Roger P. Link, Professor.....	ZAY90	11 565
(Total Salary)		(12 850)
4. Elwood F. Reber, Professor.....	ZAY29	3 570
(Total Salary)		(12 300)

5. _____, Assistant Professor.....	BY	7 500
6. Denzil E. Dees, Instructor.....	ZDY35	2 370
(Total Salary)		(6 800)
7. Om P. Malhotra, Instructor.....	DY	6 000
Total, Salaries		(39 545)
Expense		2 500
Equipment		1 000
Total, Wages, Expense, and Equipment.....		(3 500)
Total, Veterinary Physiology and Pharmacology.....		\$ 43 045

Center for Zoonoses Research

Account Number 00-44-80-300

1. C. A. Brandly, Director.....	ZBY	.....
2. _____, Professor,	AY	\$ 12 000
Total, Center for Zoonoses Research.....		\$ 12 000

ARMED FORCES

General

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Coordinator		\$1 800	\$ 1 800
Air Force Science	\$10 170	2 300	12 470
Military Science and Tactics	9 720	3 400	13 120
Naval Science	4 380	2 150	6 530
Total, General	\$24 270	\$9 650	\$33 920

Restricted

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Air Force Basic Uniform Cleaning Revolving ...		\$ 5 600	\$ 5 600
Air Force Uniform Improvements Revolving ...		1 200	1 200
Military Clothing and Equipment Revolving ...		1 600	1 600
Military Uniforms Revolving		26 000	26 000
Army R.O.T.C. Improvements Revolving		200	200
Total, Restricted		\$34 600	\$34 600

Coordinator

Account Number 00-50-01-100

1. _____, Coordinator of Armed Forces.....	ZBY	.....
Expense		\$ 1 600
Equipment		200
Total, Coordinator		\$ 1 800

Air Force Science

Account Number 00-50-10-100

1. Leonard J. Rohrs, Professor and Head of Department	AY	.....
2. Warner O. Brandenburg, Administrative Officer.....	DY10	\$ 600
Nonacademic Salaries		9 570
Total, Salaries		(10 170)
Expense		1 850
Equipment		450
Total, Wages, Expense, and Equipment.....		(2 300)
Total, Air Force Science.....		\$ 12 470

Air Force Uniform Improvements Revolving

Account Number 12-50-10-186

Expense		\$ 1 200
Total, Air Force Uniform Improvements Revolving..		\$ 1 200

Air Force Basic Uniform Cleaning Revolving

Account Number 12-50-10-106

Expense	\$ 5 600
<i>Total, Air Force Basic Uniform Cleaning Revolving</i>	<u>\$ 5 600</u>

Military Science and Tactics

Account Number 00-50-30-100

1. Clair M. Worthy, Professor and Head of Department AY	.....
2. Dan R. McClelland, Adjutant, R.O.T.C..... DY ₁₀	\$ 600
Nonacademic Salaries	9 120
<i>Total, Salaries</i>	<u>(9 720)</u>
Wages	100
Expense	2 700
Equipment	600
<i>Total, Wages, Expense, and Equipment</i>	<u>(3 400)</u>
<i>Total, Military Science and Tactics</i>	<u>\$ 13 120</u>

Military Clothing and Equipment Revolving

Account Number 12-50-30-112

Expense	\$ 1 600
<i>Total, Military Clothing and Equipment Revolving</i>	<u>\$ 1 600</u>

Military Uniforms Revolving

Account Number 12-50-30-186

Expense	\$ 26 000
<i>Total, Military Uniforms Revolving</i>	<u>\$ 26 000</u>

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>	<u>\$ 200</u>

Naval Science

Account Number 00-50-40-100

1. Robert C. Knowles, Professor and Head of Department AY	.....
2. _____, Executive Officer..... DY ₁₀	\$ 600
Nonacademic Salaries	3 780
<i>Total, Salaries</i>	<u>(4 380)</u>
Expense	1 850
Equipment	300
<i>Total, Wages, Expense, and Equipment</i>	<u>(2 150)</u>
<i>Total, Naval Science</i>	<u>\$ 6 530</u>

INSTITUTE OF AVIATION**General**

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
Institute of Aviation	\$328 560	\$78 400	\$406 960
<i>Total, General</i>	<u>\$328 560</u>	<u>\$78 400</u>	<u>\$406 960</u>

Restricted

<i>Organized Activities Relating to Instruction</i>	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
Airport Revolving	\$49 770	\$245 000	\$294 770
Airplane Replacements Revolving .....	.....	25 000	25 000
<i>Total, Restricted</i>	<u>\$49 770</u>	<u>\$270 000</u>	<u>\$319 770</u>

Institute of Aviation

Account Number 00-52-10-100

1. Leslie A. Bryan, Director	ZBY	\$ 19 500
2. Jesse W. Stonecipher, Chief Flight Instructor	DY	12 300

3. Robert L. Ayers, Assistant Chief Flight Instructor....	DY	10 150
4. Kermit B. Anderson, Instructor.....	DY	8 900
5. Lester B. Applegate, Instructor.....	DY	9 000
6. Thomas H. Bailey, Instructor.....	DY	7 550
7. Omer Benn, Instructor.....	DY	9 400
8. Donald R. Chalus, Instructor.....	DY	8 200
9. Thomas H. Gordon, Instructor.....	DY	8 600
10. Eugene L. Haak, Instructor.....	DY	10 650
11. Herman W. Linder, Instructor.....	DY	6 900
12. Robert D. McFerren, Instructor.....	DY	8 200
13. John Richard Mylin, Instructor.....	DY	8 650
14. Thomas R. Titus, Instructor.....	DY	7 200
15. William D. Trulock, Instructor.....	DY	8 600
16. George J. Wilson, Instructor.....	DY	8 500
17. _____, Instructor.....	DY	7 500
18. Walter E. Ditzler, Supervisor of Aircraft Maintenance Curriculum.....	DY	12 200
19. Nelwin C. Grimm, Supervising Engineer.....	DY	12 300
20. 0.50 Full Time Equivalent Assistants.....	DY	3 800
Nonacademic Salaries.....		140 460
<i>Total, Salaries</i>		(328 560)
Wages.....		54 200
Expense.....		14 150
Convention Travel.....		50
Equipment.....		10 000
<i>Total, Wages, Expense, and Equipment</i>		(78 400)
<i>Total, Institute of Aviation</i>		\$406 960

Airport Revolving

Account Number 12-52-10-270		
1. _____, Instructor.....	DY	\$ 6 000
2. 6.00 Full Time Equivalent Assistants.....	E	27 000
Nonacademic Salaries.....		16 770
<i>Total, Salaries</i>		(49 770)
Wages.....		30 000
Expense.....		215 000
<i>Total, Wages, Expense, and Equipment</i>		(245 000)
<i>Total, Airport Revolving</i>		\$294 770

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}	\$ 15 000
Professor.....	AY}	
2. Samuel K. Gove, Associate Professor.....	AY	11 000
3. Thomas Page, Associate Professor.....	ZA75	5 850
(Total Salary).....		(7 800)
4. Daniel J. Elazar, Assistant Professor.....	BY	7 800
5. _____, Assistant Professor.....	BY	8 800
6. _____, Research Associate.....	D	5 000
7. 0.60 Full Time Equivalent Research Assistants.....	E	2 300
Nonacademic Salaries.....		9 510
<i>Total, Salaries</i>		(65 260)
Wages.....		500
Expense.....		8 900
Convention Travel.....		250
Equipment.....		100
<i>Total, Wages, Expense, and Equipment</i>		(9 750)
<i>Total, Institute of Government and Public Affairs</i> ...		\$ 75 010

Public Affairs Revolving

Account Number 12-56-10-370	
Nonacademic Salaries	\$ 3 900
<i>Total, Salaries</i>	(3 900)
Wages	1 000
Expense	4 000
<i>Total, Wages, Expense, and Equipment</i>	(8 900)
<i>Total, Public Affairs Revolving</i>	\$ 8 900

INSTITUTE OF LABOR AND INDUSTRIAL RELATIONS

General		Wages, Ex- pense, and Equipment	Total
<i>Organized Research</i>	<i>Salaries</i>		
Institute of Labor and Industrial Relations.....	\$250 720	\$22 700	\$273 420
<i>Total, General</i>	\$250 720	\$22 700	\$273 420

Restricted		Wages, Ex- pense, and Equipment	Total
<i>Organized Research</i>	<i>Salaries</i>		
Research Publications Revolving.....		\$ 500	\$ 500
Revolving General		1 500	1 500
Estimated Private Gifts	\$ 6 000	4 000	10 000
<i>Total, Restricted</i>	\$ 6 000	\$ 6 000	\$12 000

Institute of Labor and Industrial Relations

Account Number 00-60-10-300		
1. Martin Wagner, Director.....	BY}	\$ 16 500
Professor.....	AY}	
2. W. Ellison Chalmers, Professor of Economics.....	ZAY	14 950
3. Milton Derber, Professor.....	AY	15 000
4. Murray J. Edelman, Professor of Political Science....	ZAY45	5 400
(Total Salary)		(12 000)
(Includes full time in summer)		
5. Herman Erickson, Professor.....	ZAY50	5 950
(Total Salary)		(11 900)
6. Homer L. Gammill, Professor of Industrial Psychology	ZAY50	5 700
(Total Salary)		(11 400)
7. Phillips L. Garman, Professor.....	ZAY75	11 250
(Total Salary)		(15 000)
8. John F. Humes, Professor of Industrial Psychology..	ZAY50	5 950
(Total Salary)		(11 900)
9. Solomon B. Levine, Professor.....	AY	11 000
10. W. H. McPherson, Professor of Economics.....	ZAY	14 550
(On leave with one-half pay 1960-61)		
11. Richard C. Wilcock, Professor.....	AY	11 000
(On leave without pay first semester 1960-61)		
12. Earl C. Wolfe, Professor.....	ZAY50	6 225
(Total Salary)		(12 450)
13. _____, Professor of Psychology.....	A60	6 600
14. Margaret K. Chandler, Associate Professor of Sociol- ogy.....	ZA50	4 000
(Total Salary)		(8 000)
(On leave without pay 1960-61)		
15. Bernard Karsh, Associate Professor of Sociology....	ZAY75	7 460
(Total Salary)		(9 950)
(On leave with one-half pay 1960-61)		
16. Hjalmar Rosen, Associate Professor of Psychology...	ZAY45	4 875
(Total Salary)		(10 850)
(Includes full time in summer)		
17. Andrew J. Wann, Associate Professor.....	AY	9 900
18. Barbara D. Dennis, Editor with rank of Assistant Pro- fessor	BY	8 050

19. Gilbert E. Donahue, Librarian with rank of Assistant Professor.....	ZBY50	3 875
(Total Salary)		(7 750)
20. Walter H. Franke, Assistant Professor.....	BY	8 100
21. Milferd Lieberthal, Assistant Professor.....	ZBY50	4 025
(Total Salary)		(8 050)
22. Stanley Stark, Assistant Professor of Psychology....	ZBY73	6 210
(Total Salary)		(8 500)
23. Harry C. Triandis, Assistant Professor of Psychology	ZBY45	4 160
(Total Salary)		(9 250)
24. 4.00 Full Time Equivalent Research Assistants.....	E	15 200
25. 0.50 Full Time Equivalent Library Assistants.....	DY	2 325
26. 2.00 Summer Research Assistants.....	G	1 695
Nonacademic Salaries		40 770
<i>Total, Salaries</i>		(250 720)
Wages.....		3 000
Expense		16 200
Convention Travel		1 000
Equipment		2 500
<i>Total, Wages, Expense, and Equipment</i>		(22 700)
<i>Total, Institute of Labor and Industrial Relations</i> ...		\$273 420

Research Publications Revolving

Account Number 12-60-10-370	
Expense	\$ 500
<i>Total, Research Publications Revolving</i>	\$ 500

Revolving General

Account Number 12-60-10-372	
Expense	\$ 1 500
<i>Total, Revolving General</i>	\$ 1 500

SCHOOL OF SOCIAL WORK

Account Number 00-68-10-100		
1. Marietta Stevenson, Director.....	BY}	\$ 15 200
Professor.....	AY}	
2. W. Paul Simon, Assistant Director.....	BY}	14 000
Professor.....	AY}	
3. Jennette R. Gruener, Professor.....	A	10 000
4. Florence L. Poole, Professor.....	A	10 800
5. Donald E. Lathrope, Associate Professor.....	A	10 100
6. James E. McDonald, Associate Professor.....	A	9 200
7. Carol H. Preucil, Associate Professor.....	AY	.....
(See Chicago Professional Colleges)		
8. Mary C. Reese, Associate Professor.....	A	8 250
9. D. Katharine Rogers, Associate Professor.....	A	9 200
10. William Schwartz, Associate Professor.....	A	9 200
11. David E. Tanenbaum, Associate Professor.....	AY	11 500
12. 0.50 Full Time Equivalent Assistants.....	E	1 900
Nonacademic Salaries		21 630
Total, Salaries		(130 980)
Wages, Including Lecturers.....		5 000
Expense		12 000
Convention Travel		600
Equipment		1 600
Total, Wages, Expense, and Equipment.....		(19 200)
Total, School of Social Work.....		\$150 180

Cooperative Investigations

U.S. OFFICE OF VOCATIONAL REHABILITATION G45

Account Number 46-68-10-118

1. Margaret G. Holden, Consultant with rank of Associate Professor	DY	\$ 9 750
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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

1. L. Jane Wille, Consultant with rank of Associate Professor.....	BY	\$ 10 000
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STATE OF ILLINOIS PUBLIC AID COMMISSION — PUBLIC ASSISTANCE

Account Number 47-68-10-366

1. Dorothy Rosenstein, Instructor.....	D	\$ 6 500
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DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

Account Number 00-70-10-100

1. Frank A. Bridgewater, Director.....	DY	\$ 11 000
Nonacademic Salaries		3 090
<i>Total, Salaries</i>		(14 090)
Wages.....		100
Expense		100
Equipment		100
<i>Total, Wages, Expense, and Equipment</i>		(300)
<i>Total, Division of Special Services for War Veterans</i>		\$ 14 390

SUMMER SESSION

General

	Salaries	Wages, Expense, and Equipment	Total
<i>Instruction</i>			
Administration.....	\$ 3 300	\$ 5 000	\$ 8 300
Instruction.....	808 160	7 750	815 910
<i>Total, Instruction</i>	(811 460)	(12 750)	(824 210)
<i>Extension and Public Services</i>			
Youth Music.....	14 810	3 900	18 710
Youth Speech.....	4 280	1 650	5 930
<i>Total, Extension and Public Services</i>	(19 090)	(5 550)	(24 640)
<i>Total, General</i>	\$830 550	\$18 300	\$848 850

Restricted

	Salaries	Wages, Expense, and Equipment	Total
<i>Instruction</i>			
Estimated Private Gifts.....	\$4 000	\$6 000	\$10 000
<i>Total, Restricted</i>	\$4 000	\$6 000	\$10 000

Administration

Account Number 00-72-01-100	
Nonacademic Salaries	\$ 3 300
<i>Total, Salaries</i>	(3 300)
Expense	5 000
<i>Total, Wages, Expense, and Equipment</i>	(5 000)
<i>Total, Administration</i>	\$ 8 300

Instruction

Account Number 00-72-10-100	
1. Academic Salaries	G \$800 910
<i>Total, Salaries</i>	(800 910)
Expense, Child Development.....	200
Expense, Civil Engineering Camp.....	7 250
Wages, Education	800
Expense, Education	1 600
Wages, Forestry	640

Expense, Forestry	2 010
Expense, Geography	300
Wages, Recreation	1 350
Expense, Recreation	850
<i>Total, Wages, Expense, and Equipment.</i>	<u>(15 000)</u>
<i>Total, Instruction</i>	\$815 910

Youth Music

Account Number 00-72-80-400		
1. Academic Salaries	G	\$ 14 810
<i>Total, Salaries</i>		<u>(14 810)</u>
Wages.....		950
Expense		2 950
<i>Total, Wages, Expense, and Equipment.</i>		<u>(3 900)</u>
<i>Total, Youth Music.</i>		\$ 18 710

Youth Speech

Account Number 00-72-85-400		
1. Academic Salaries	G	\$ 4 280
<i>Total, Salaries</i>		<u>(4 280)</u>
Expense		1 650
<i>Total, Wages, Expense, and Equipment.</i>		<u>(1 650)</u>
<i>Total, Youth Speech</i>		\$ 5 930

UNIVERSITY PRESS

Account Number 00-78-10-400		
1. Miodrag Muntyan, Director.....	BY}	\$ 14 200
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	12 600
4. Helen S. Sutherland, Editor with rank of Assistant Professor.....	BY	9 000
5. Rachel E. Anderson, Assistant Editor.....	DY	6 250
6. Mary Ruth Kelley, Production Editor.....	DY	8 500
7. Henry Ponleithner, Jr., Sales Manager.....	DY	10 400
8. Herbert L. Sterrett, Art Editor.....	DY	9 550
Nonacademic Salaries		30 360
<i>Total, Salaries</i>		<u>(100 860)</u>
Wages.....		200
Expense		5 400
Convention Travel		250
Equipment		500
<i>Total, Wages, Expense, and Equipment.</i>		<u>(6 350)</u>
<i>Total, University Press.</i>		\$107 210

Print Shop

Account Number 09-78-10-968		
1. C. E. Herman, Superintendent.....	DY	\$ 13 700

University Press Revolving

Account Number 12-78-10-470		
Nonacademic Salaries		\$ 1 440
Expense		109 000
<i>Total, University Press Revolving.</i>		<u>\$110 440</u>

INTERNATIONAL COOPERATION PROGRAMS

U.S. International Cooperation Administration C1220

Account Number 46-79-10-434		
1. Ralph C. Hay, Coordinator of International Cooperation Programs	ZAY33	\$ 4 300
(Total Salary)		<u>(12 900)</u>
<i>Total, U.S. International Cooperation Administration C1220.</i>		\$ 4 300

U.S. International Cooperation Administration C1258

Account Number 46-79-10-435

1. Ralph C. Hay, Coordinator of International Cooperation Programs	ZAY33	\$ 4 300
2. R. J. Webb, Professor and Adviser to the Farm Manager.....	ZFY	13 200
(Two years from November 1, 1959)		
<i>Total, U.S. International Cooperation Administration C1258.....</i>		<i>\$ 17 500</i>

U.S. — India North Central Region

Account Number 46-79-10-444

1. Ralph C. Hay, Coordinator of International Cooperation Programs	ZAY34	\$ 4 300
2. R. W. Jugenheimer, Assistant Coordinator of International Cooperation Programs.....	ZBY25	3 375
(Total Salary)		(13 500)
3. Warren R. Schoonover, Professor of Soils.....	FY	14 000
(Two years from September 21, 1959)		
4. W. D. Buddemeier, Professor of Farm Management and Group Leader.....	ZAY	12 600
(Two years from September 1, 1959)		
5. John W. Matthews, Associate Professor of Agricultural Engineering	ZFY	11 000
(One and one-half years from February 1, 1960)		
<i>Total, U.S. — India North Central Region.....</i>		<i>\$ 45 275</i>

LIBRARY AND GRADUATE SCHOOL OF LIBRARY SCIENCE

General		<i>Wages, Expense, and Equipment</i>	<i>Total</i>
<i>Instruction</i>	<i>Salaries</i>		
Graduate School of Library Science	\$ 114 750	\$ 6 900	\$121 650
<i>Libraries</i>			
Administration	94 280	635 325	729 605
Midwest Inter-Library Corporation		12 730	12 730
Acquisition Department	151 425		151 425
Catalog Department	205 530		205 530
Serials Department	173 130		173 130
Circulation Department	93 995		93 995
Departmental Libraries	422 050		422 050
Reference Department	55 960		55 960
<i>Total, Libraries.....</i>	<i>(1 196 370)</i>	<i>(648 055)</i>	<i>(1 844 425)</i>
<i>Total, General.....</i>	<i>\$1 311 120</i>	<i>\$654 955</i>	<i>\$1 966 075</i>

Restricted		<i>Wages, Expense, and Equipment</i>	<i>Total</i>
<i>Instruction</i>	<i>Salaries</i>		
Library Trends Revolving	\$4 800	\$14 500	\$19 300
<i>Extension and Public Services</i>			
Graduate School of Library Science Demonstration Revolving		5 100	5 100
<i>Libraries</i>			
Microfilm Revolving	3 060	5 500	8 560
<i>Total, Restricted.....</i>	<i>\$7 860</i>	<i>\$25 100</i>	<i>\$32 960</i>

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}	\$ 14 500
4. Anne M. Boyd, Professor, <i>Emerita</i>	R	.....
5. Thelma Eaton, Professor.....	A	9 900
(On leave with pay first semester 1960-61)		
6. Frances B. Jenkins, Professor.....	A	11 400
7. Donald E. Strout, Professor.....	A	9 500
8. Rose B. Phelps, Professor, <i>Emerita</i>	R	.....
9. Ethel Bond, Associate Professor, <i>Emerita</i>	R	.....
10. Harold Goldstein, Associate Professor.....	A	9 500
11. Marie M. Hostetter, Associate Professor, <i>Emerita</i>	R	.....
12. William Vernon Jackson, Associate Professor.....	A	9 700
(On leave with one-half pay 1960-61)		
13. Alice Lohrer, Associate Professor.....	A	8 600
14. _____, Associate Professor.....	A	8 000
15. Olive C. DeBruler, Instructor.....	ZD50	3 400
(Total Salary)		(6 800)
16. _____, Assistant	DY	5 000
17. 2.00 Full Time Equivalent Assistants.....	E	7 600
18. 0.50 Full Time Equivalent Research Assistants.....	E	1 900
Nonacademic Salaries		15 750
Total, Salaries		(114 750)
Wages.....		500
Expense		5 600
Convention Travel		600
Equipment		200
Total, Wages, Expense, and Equipment.....		(6 900)
Total, Graduate School of Library Science.....		\$121 650

Library Trends Revolving

Account Number 12-80-05-146	
Nonacademic Salaries	\$ 4 800
Expense	14 500
Total, Library Trends Revolving.....	\$ 19 300

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

Library**Administration**

Account Number 00-80-10-500		
1. R. B. Downs, Dean and Professor.....	ZBY	\$ 20 500
2. P. L. Windsor, Director and Professor, <i>Emeritus</i>	ZRA	.....
3. Arnold H. Trotier, Associate Director of Technical Departments	BY}	14 200
Professor of Library Administration.....	AY}	
4. Lucien W. White, Associate Director of Public Service Departments	BY}	13 800
Professor of Library Administration.....	AY}	
5. Mary Lois Bull, Personnel Librarian with rank of As- sociate Professor	AY	10 000
6. Robert F. Delzell, Library Administrative Assistant with rank of Associate Professor.....	AY	10 100
7. Josie B. Houchens, Assistant Librarian and Associate Professor, <i>Emerita</i>	R	.....
Nonacademic Salaries		25 680
Total, Salaries		(94 280)
Wages.....		127 125
Expense		41 000

Midwest Interlibrary Corporation.....	12 730
Convention Travel	2 200
Nonrecurring Unassigned	(3 000)
Equipment	10 000
Library Additions	455 000
Additions Nonrecurring	(10 000)
<i>Total, Wages, Expense, and Equipment.....</i>	<u>(648 055)</u>
<i>Total, Administration</i>	\$742 335

Microfilm Revolving

Account Number 12-80-10-552

Nonacademic Salaries	\$ 3 060
Expense	5 500
<i>Total, Microfilm Revolving</i>	<u>\$ 8 560</u>

Acquisition Department

Account Number 00-80-20-500

1. Helen M. Welch, Acquisition Librarian and Associate Professor of Library Administration.....	AY	\$ 10 000
2. Alma DeJordy, Consultant in Bibliography with rank of Associate Professor.....	AY	9 300
3. Willia K. Garver, Assistant Librarian and Associate Professor, <i>Emerita</i>	R	.....
4. Alice J. Appell, Assistant Acquisition Librarian with rank of Assistant Professor.....	BY	8 000
5. Esther M. Clausen, Documents Librarian with rank of Assistant Professor	BY	7 500
6. Kathleen M. Ruckman, Gift and Exchange Librarian with rank of Assistant Professor.....	BY	7 650
7. Thomas E. Parks, Bibliographer with rank of Instructor.....	DY	6 200
8. Ruth E. Perks, Bibliographer with rank of Instructor	DY	5 500
9. Marilyn Satterlee, Bibliographer with rank of Instructor.....	DY	6 300
10. Roy N. Van Note, Bibliographer with rank of Instructor.....	DY	6 200
11. James B. Watts, Bibliographer with rank of Instructor	DY	6 100
12. _____, Bibliographer with rank of Instructor...	DY	6 000
13. Donald J. Raven, Acquisition Assistant.....	DY	5 400
14. Mary J. Cohen, Acquisition Assistant.....	DY	5 300
15. _____, Acquisition Assistant.....	DY	5 200
16. 0.50 Full Time Equivalent Assistants	DY	2 700
Nonacademic Salaries		54 075
<i>Total, Acquisition Department.....</i>		<u>\$151 425</u>

Catalog Department

Account Number 00-80-30-500

1. Marian Harman, Catalog Librarian and Associate Professor of Library Administration.....	AY	\$ 10 000
2. Louise F. Lodge, Assistant Catalog Librarian with rank of Assistant Professor.....	BY	8 100
3. Betty M. E. Croft, Catalog Reviser with rank of Assistant Professor	BY	8 000
4. C. U. Faye, Bibliographic Consultant with rank of Assistant Professor, <i>Emeritus</i>	R	.....
5. Edith C. Jones, Cataloger with rank of Assistant Professor	ZBY50	3 775
(Total Salary)		(7 550)
6. Clarissa O. Lewis, Cataloger with rank of Assistant Professor.....	BY	7 550
7. Cleo Lichtenberger, Catalog Reviser with rank of Assistant Professor, <i>Emerita</i>	R	.....

8. Edith M. Marshall, Catalog Reviser with rank of Assistant Professor	BY	7 550
9. Ann M. Potter, Catalog Reviser with rank of Assistant Professor	BY	8 000
10. Katherine M. Wheeler, Catalog Reviser with rank of Assistant Professor, <i>Emerita</i>	R	.....
11. Dorothy B. Clark, Cataloger with rank of Instructor..	DY	6 100
12. Howard L. Dunlap, Cataloger with rank of Instructor	DY	5 500
13. Eugene T. Frosio, Cataloger with rank of Instructor..	DY	6 500
14. Edythe J. Kirk, Cataloger with rank of Instructor....	DY	6 600
15. Lellia S. McLaughlin, Cataloger with rank of Instructor, <i>Emerita</i>	R	.....
16. Laurence H. Miller, Cataloger with rank of Instructor	DY	5 500
17. Jean S. Sauer, Cataloger with rank of Instructor....	DY	5 500
18. Herbert Lyman Searcy, Cataloger with rank of Instructor.....	DY	6 600
19. Florence M. Sheehan, Cataloger with rank of Instructor	DY	5 800
20. Dmytro M. Shtohryn, Cataloger with rank of Instructor.....	DY	6 500
21. Allan M. Wilson, Cataloger with rank of Instructor..	DY	6 200
22. _____, Catalog Assistant.....	DY	5 200
23. Walter D. Morrill, Catalog Assistant.....	DY	5 200
24. 2.00 Full Time Equivalent Assistants.....	DY	9 700
Nonacademic Salaries		71 655
Total, Catalog Department.....		\$205 530

Circulation Department

Account Number 00-80-40-500

1. Robert W. Oram, Circulation Librarian and Associate Professor of Library Administration.....	AY	\$ 10 050
2. Margaret Jean Lokke, Assistant Circulation Librarian with rank of Assistant Professor.....	BY	8 050
3. Helen T. Stewart, Assistant Circulation Librarian with rank of Assistant Professor, <i>Emeritus</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	6 000
6. Cecelia McCarthy, Extension Loans Librarian with rank of Instructor.....	DY	6 150
7. Dwight O. Tuckwood, Bookstacks Librarian with rank of Instructor	DY	7 250
8. Betty Ruth Wilson, Extramural Loans Librarian with rank of Assistant.....	DY	5 300
9. 3.00 Full Time Equivalent Assistants.....	DY	14 550
Nonacademic Salaries		36 645
Total, Circulation Department.....		\$ 93 995

Departmental Libraries

Account Number 00-80-50-500

1. Bernita J. Davies, Law Librarian and Professor of Library Administration	AY	\$ 11 000
2. Lyle E. Bamber, Natural History Librarian and Associate Professor of Library Administration.....	AY	10 050
3. D. A. Brown, Agriculture Librarian and Associate Professor of Library Administration.....	AY	10 050
4. Ruth T. Power, Chemistry Librarian and Associate Professor of Library Administration.....	AY	10 050
5. Cerilla E. Saylor, Architecture Librarian and Associate Professor of Library Administration.....	AY	10 050
6. Joseph Allen, Human Relations Librarian with rank of Assistant Professor	BY	7 350

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	8 050
9. Eleanor Blum, Journalism Librarian with rank of Assistant Professor	BY	7 350
10. Pauline A. Carleton, Assistant Law Librarian with rank of Assistant Professor.....	BY	7 550
11. Leonard Coburn, English Librarian and Assistant Professor of Library Administration.....	BY	8 400
12. Gilbert E. Donahue, Labor and Industrial Relations Librarian with rank of Assistant Professor.....	ZBY50	3 875 (7 750)
13. Marian T. Estep, Veterinary Medicine Librarian with rank of Assistant Professor.....	BY	8 050
14. Isabelle F. Grant, Rare Book Room Librarian with rank of Assistant Professor.....	BY	8 050
15. Florence M. Harding, German and Romance Languages Librarian with rank of Assistant Professor.....	BY	8 050
16. Icko Iben, Newspaper Librarian and Archivist with rank of Assistant Professor.....	BY	7 650
17. Edith C. Jones, Classics Librarian with rank of Assistant Professor	ZBY50	3 775 (7 550)
18. Mary Jane MacDonald, Commerce Librarian with rank of Assistant Professor.....	BY	8 050
19. Helen M. Reynolds, Assistant Architecture Librarian with rank of Assistant Professor.....	BY	8 050
20. Nelle M. Signor, History and Political Science Librarian and Assistant Professor, <i>Emerita</i>	R	.....
21. Mary A. Vance, City Planning and Landscape Architecture Librarian with rank of Assistant Professor...	DY	7 350
22. Robert C. White, Map and Geography Librarian with rank of Assistant Professor.....	BY	7 750
23. Jo Ann Wiles, Library School Librarian and Assistant Professor of Library Administration.....	BY	8 050
24. ———, Music Librarian and Assistant Professor of Library Administration.....	BY	7 350
25. Winifred M. Alleman, Agriculture Library Assistant with rank of Instructor.....	DY	6 100
26. Avis A. Ball, Home Economics Librarian with rank of Instructor	DY	6 450
27. Barbara E. Davis, Music Library Assistant with rank of Instructor	DY	5 800
28. Dorothy A. Foulk, Law Library Assistant with rank of Instructor	DY	5 800
29. Hallet Gildersleeve, Undergraduate Librarian with rank of Instructor	DY	6 900
30. Sylvia C. Gilmore, Browsing Room Librarian with rank of Instructor	DY	6 100
31. Pearce S. Grove, Education, Philosophy, and Psychology Library Assistant with rank of Instructor.....	DY	6 250
32. Edward G. Holley, Education, Philosophy, and Psychology Librarian with rank of Instructor.....	DY	7 500
33. Audrey Iversen, Geology Librarian with rank of Instructor.....	DY	6 150
34. Martha Landis, Illini Union Browsing Room Librarian with rank of Instructor.....	DY	5 700
35. Fleming Montgomery, Natural History Library Assistant with rank of Instructor.....	DY	6 150
36. Theo Nelson, Physical Education Librarian with rank of Instructor	DY	6 550

37. Furuzan Olsen, Commerce and Sociology Library Assistant with rank of Instructor.....	DY	6 100
38. Fina C. Ott, Commerce and Sociology Librarian with rank of Instructor, <i>Emerita</i>	R	.....
39. Richard G. Smith, Undergraduate Library Assistant with rank of Instructor.....	DY	6 400
40. Eunice Toussaint, History and Political Science Librarian with rank of Instructor.....	DY	6 900
41. Richard D. Walker, Physics Librarian with rank of Instructor.....	DY	7 150
42. E. S. Warrick, Mathematics Librarian with rank of Instructor.....	DY	5 850
43. _____, Rare Book Room Assistant with rank of Instructor.....	DY	5 700
44. _____, Law Library Assistant with rank of Instructor.....	DY	6 100
45. _____, University High School Librarian and Instructor in Library Administration.....	ZDY	7 000
46. Nancy L. Heater, English Library Assistant.....	DY	5 250
47. Barbara A. Olsen, Library Assistant.....	DY	5 250
48. _____, Undergraduate Library Assistant.....	DY	5 200
49. _____, Chemistry Library Assistant.....	DY	5 200
50. _____, Architecture Library Assistant.....	DY	5 200
51. 1.00 Full Time Equivalent Assistants.....	DY	4 800
Nonacademic Salaries		88 350
<i>Total, Departmental Libraries</i>		\$422 050

Reference Department

Account Number 00-80-60-500

1. T. E. Ratcliffe, Jr., Reference Librarian and Associate Professor of Library Administration.....	AY	\$ 10 050
2. Dorothy M. Black, Associate Reference Librarian with rank of Assistant Professor.....	BY	8 450
3. Fanny Dunlap, Reference Librarian and Assistant Professor, <i>Emerita</i>	R	.....
4. Alice S. Johnson, Reference Librarian and Assistant Professor, <i>Emerita</i>	R	.....
5. Sabron L. Reynolds, Assistant Reference Librarian with rank of Instructor.....	DY	6 450
6. Francis Rodgers, Assistant Reference Librarian with rank of Instructor.....	DY	6 100
7. Joyce C. Werner, Assistant Reference Librarian with rank of Instructor.....	DY	6 450
8. Elizabeth B. Hulsey, Reference Assistant Librarian....	DY	5 250
9. Janet P. Waitz, Reference Assistant Librarian.....	DY	5 200
10. 0.50 Full Time Equivalent Assistants.....	DY	2 400
Nonacademic Salaries		5 610
<i>Total, Reference Department</i>		\$ 55 960

Serials Department

Account Number 00-80-35-500

1. William H. Huff, Serials Librarian and Associate Professor of Library Administration.....	AY	\$ 9 600
2. Rebecca Briggs, Assistant Serials Librarian with rank of Assistant Professor.....	BY	8 000
3. Esther W. Anell, Bibliographer and Serials Consultant with rank of Assistant Professor.....	BY	7 550
4. Warren Albert, Binding Librarian with rank of Instructor.....	DY	6 800
5. Charlotte S. Ayers, Serials Cataloger with rank of Instructor.....	DY	6 000
6. Ruth A. Bedford, Serials Reviser with rank of Instructor.....	DY	6 400

7. Norman B. Brown, Serials Reviser with rank of Instructor.....	DY	6 800
8. Sally T. Burg, Serials Reviser with rank of Instructor.....	DY	6 500
9. Lily C. Gara, Bibliographer with rank of Instructor...	DY	6 000
10. Betty J. Halstead, Series Cataloger with rank of Instructor.....	DY	6 300
11. Wilma R. Lasslo, Serials Cataloger with rank of Instructor.....	DY	5 500
12. F. E. Mansfield, Jr., Serials Cataloger with rank of Instructor.....	DY	6 100
13. Irene L. Phillippe, Bibliographer with rank of Instructor.....	DY	6 000
14. Virginia Rubinstein, Serials Cataloger with rank of Instructor.....	DY	5 500
15. May Smith, Serials Cataloger with rank of Instructor, Emerita.....	R	.....
16. _____, Bibliographer with rank of Instructor..	DY	6 000
17. Philip W. Lindell, Binding Assistant.....	DY	5 400
18. _____, Serials Assistant.....	DY	5 200
19. 1.00 Full Time Equivalent Assistants.....	DY	4 800
Nonacademic Salaries		58 680
Total, Serials Department.....		\$173 130

PHYSICAL PLANT

	General		Wages, Ex- pense, and Equipment	Total
<i>Physical Plant</i>	<i>Salaries</i>			
Administration.....	\$192 620	\$	49 850	\$ 242 470
Renewal and Replacement.....			3 000	3 000
Building Operation.....	24 930	I	197 700	I 222 630
Fire Prevention and Safety.....	8 400		193 350	201 750
Renewal and Replacement.....			1 400	1 400
Police and Watchmen.....	13 265		188 000	201 265
Renewal and Replacement.....			5 000	5 000
Building Maintenance.....	43 680		650 400	694 080
Renewal and Replacement.....			174 657	174 657
General Maintenance.....	17 790		420 650	438 440
Renewal and Replacement.....			6 500	6 500
Grounds.....	4 490		214 800	219 290
Renewal and Replacement.....			20 000	20 000
Transportation.....	4 490		122 800	127 290
Renewal and Replacement.....			8 750	8 750
Heat, Light, and Power.....	46 920		911 875	958 795
Renewal and Replacement.....			8 700	8 700
Water Station.....	7 020		96 650	103 670
Illini Union Building.....			40 120	40 120
President's House.....			9 980	9 980
Replacements.....			3 500	3 500
Prevailing Wage Rate Unassigned.....			335 000	335 000
Assembly Hall Utilities.....			262 000	262 000
Operation of New Areas.....			24 000	24 000
Reservations and Information.....	10 845		2 005	12 850
Telephone, Chicago Lines.....			6 000	6 000
Total, General.....	\$374 450	\$4 956 687		\$5 331 137

Restricted

			Wages, Ex- pense, and Equipment	Total
<i>Physical Plant</i>	<i>Salaries</i>			
Estimated Indirect Cost.....		\$	8 650	\$ 8 650
<i>Auxiliary Enterprises</i>				
Cooperative Houses Operations.....	\$ 6 050		37 086	43 136
Arbor Suites.....	12 600		116 145	128 745
Parade Grounds.....			2 535	2 535
Temporary Family Housing.....	45 380		220 159	265 539

	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Trust, Graduate Halls Operation.....	3 600	118 545	122 145
Trust, Gregory Drive Halls Operation.....	32 090	1 612 605	1 644 695
Trust, Busey-Evans Halls.....	33 720	297 915	331 635
Trust, Allen Hall.....	32 020	646 962	678 982
Trust, Lincoln Avenue Residence.....	49 488	462 834	512 322
Trust, Men's Halls.....	23 420	948 574	971 994
Trust, Peabody Drive Halls Operation.....	6 000	381 831	387 831
Trust, Snack Bar and Service Building Opera- tion.....	7 700	148 744	156 444
Trust, Taft and Van Doren Halls Operation..	17 440	164 392	181 832
National Homes Staff Housing.....		30 717	30 717
Permanent Staff Housing.....		22 359	22 359
Trust, Goodwin Avenue Apartments Opera- tion.....		106 484	106 484
Trust, Green Street Apartments Operation..		87 341	87 341
Trust, Orchard Place Apartment Operations..		122 608	122 608
Trust, Race and Florida Operation.....		47 728	47 728
Illini Union			
General Building.....	107 785	394 704	502 489
Food Service.....	80 410	720 362	800 772
Billiards.....	1 500	9 051	10 551
Bowling Alleys.....	4 500	25 938	30 438
Bookstore.....	20 020	563 752	583 772
<i>Total, Auxiliary Enterprises.....</i>	<i>(483 723)</i>	<i>(7 289 371)</i>	<i>(7 773 094)</i>
<i>Total, Restricted.....</i>	<i>\$483 723</i>	<i>\$7 298 021</i>	<i>\$7 781 744</i>

Administration

Account Number 00-82-01-600		
1. C. S. Havens, Director.....	BY	\$ 20 500
2. John Doak, Superintendent of Buildings and Grounds..	BY	16 500
3. Ernest L. Stouffer, Architect.....	BY	15 500
4. R. S. Chamberlin, Director of Division of Campus De- velopment.....	DY	13 700
5. James V. Edsall, Planning Coordinator with rank of Assistant Professor.....	BY	10 600
6. Donald C. Neville, Research Specialist with rank of Assistant Professor.....	BY	8 200
Nonacademic Salaries.....		(107 620)
<i>Total, Salaries.....</i>		<i>(192 620)</i>
Wages.....		29 800
Expense.....		19 800
Convention Travel.....		250
Renewals and Replacements.....		3 000
Estimates and Alterations, Unassigned.....		(50 000)
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(52 850)</i>
<i>Total, Administration.....</i>		<i>\$245 470</i>

Building Operation

Account Number 00-82-05-600		
Nonacademic Salaries.....	\$	24 930
<i>Total, Salaries.....</i>		<i>(24 930)</i>
Wages.....	1	100 600
Expense.....		95 100
Renewals and Replacements.....		2 000
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(1)</i>	<i>197 700</i>
<i>Total, Building Operation.....</i>	<i>\$1</i>	<i>222 630</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>\$</i>	<i>8 650</i>

Fire Prevention and Safety

Account Number 00-82-10-600	
Nonacademic Salaries	\$ 8 400
<i>Total, Salaries</i>	(8 400)
Wages	179 300
Expense	14 050
Renewals and Replacements	1 400
<i>Total, Wages, Expense, and Equipment</i>	(194 750)
<i>Total, Fire Prevention and Safety</i>	\$203 150

Police and Watchmen

Account Number 00-82-15-600	
Nonacademic Salaries	\$ 13 265
<i>Total, Salaries</i>	(13 265)
Wages	172 000
Expense	16 000
Renewals and Replacements	5 000
<i>Total, Wages, Expense, and Equipment</i>	(193 000)
<i>Total, Police and Watchmen</i>	\$206 265

Building Maintenance

Account Number 00-82-20-600	
Nonacademic Salaries	\$ 43 680
<i>Total, Salaries</i>	(43 680)
Wages	528 900
Expense	121 500
Renewals and Replacements	174 657
<i>Total, Wages, Expense, and Equipment</i>	(825 057)
<i>Total, Building Maintenance</i>	\$868 737

General Maintenance

Account Number 00-82-25-600	
Nonacademic Salaries	\$ 17 790
<i>Total, Salaries</i>	(17 790)
Wages	370 650
Expense	50 000
Renewals and Replacements	6 500
<i>Total, Wages, Expense, and Equipment</i>	(427 150)
<i>Total, General Maintenance</i>	\$444 940

Grounds

Account Number 00-82-30-600	
Nonacademic Salaries	\$ 4 490
<i>Total, Salaries</i>	(4 490)
Wages	182 800
Expense	32 000
Renewals and Replacements	20 000
<i>Total, Wages, Expense, and Equipment</i>	(234 800)
<i>Total, Grounds</i>	\$239 290

Transportation

Account Number 00-82-35-600	
Nonacademic Salaries	\$ 4 490
<i>Total, Salaries</i>	(4 490)
Wages	75 800
Expense	47 000
Renewals and Replacements	8 750
<i>Total, Wages, Expense, and Equipment</i>	(131 550)
<i>Total, Transportation</i>	\$136 040

Heat, Light, and Power

Account Number 00-82-40-600	
Nonacademic Salaries	\$ 46 920
<i>Total, Salaries</i>	(46 920)
Wages	522 850
Expense	389 025
Expense, Nonrecurring	(35 000)
Renewals and Replacements	8 700
<i>Total, Wages, Expense, and Equipment</i>	(920 575)
<i>Total, Heat, Light, and Power</i>	<u>\$967 495</u>

Water Station

Account Number 00-82-45-600	
Nonacademic Salaries	\$ 7 020
<i>Total, Salaries</i>	(7 020)
Wages	33 550
Expense	63 100
<i>Total, Wages, Expense, and Equipment</i>	(96 650)
<i>Total, Water Station</i>	<u>\$103 670</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>\$335 000</u>
<i>Total, Prevailing Wage Rate Unassigned</i>	<u>\$335 000</u>

Assembly Hall Utilities

Account Number 00-82-64-600	
Expense	<u>\$262 000</u>
<i>Total, Assembly Hall Utilities</i>	<u>\$262 000</u>

Operation of New Areas

Account Number 00-82-65-600	
Expense	<u>\$ 24 000</u>
<i>Total, Operation of New Areas</i>	<u>\$ 24 000</u>

Reservations and Information

Account Number 00-82-66-600	
Nonacademic Salaries	\$ 10 845
<i>Total, Salaries</i>	(10 845)
Wages	1 315
Expense	690
<i>Total, Wages, Expense, and Equipment</i>	(2 005)
<i>Total, Reservations and Information</i>	<u>\$ 12 850</u>

Telephone — Chicago Lines

Account Number 00-82-69-600	
Expense	<u>\$ 6 000</u>
<i>Total, Telephone — Chicago Lines</i>	<u>\$ 6 000</u>

Architectural Studies for Future Buildings

Account Number 06-82-70-905

1. John E. Baerwald, Professor of Traffic Engineering..	ZA20	\$ 1 880
(Total Salary)		(9 400)
2. George W. Greenwood, Research Associate in Civil Engineering.....	ZD50	3 300
(Total Salary)		(6 600)
<i>Total, Architectural Studies for Future Buildings....</i>		<i>\$ 5 180</i>

Auxiliary Enterprises**Residence Halls Administration**

Account Number 18-82-80-700

1. V. L. Kretschmer, Director of Auxiliary Services.....	ZDY50	\$ (8 500)
(Perquisites University — one meal)		
(Total Salary)		(17 000)
2. Paul J. Doebel, Jr., Director of Housing.....	DY	(12 500)
(Perquisites University — one meal)		
3. Stanley W. Rahn, Assistant Director of Housing for Counseling and Residence Operations.....	DY	(10 100)
4. Calvin S. Sifferd, Supervisor of Counseling and Operations in Men's Residence Halls.....	ZDY50	(4 300)
(Perquisites University — one meal)		
(Total Salary)		(8 600)
Nonacademic Salaries		(219 320)
<i>Total, Salaries</i>		<i>(254 720)</i>
Wages.....		(143 520)
Expense		(145 193)
Equipment		(3 300)
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(292 013)</i>
<i>Total, Residence Halls Administration.....</i>		<i>\$(546 733)</i>

Cooperative Houses Operations

Account Number 18-82-80-712

1. Mary E. Garrard, House Director of Gamma House...	ZG63	\$ 1 350
(Perquisites University — room and board)		
(Total Salary)		(2 000)
(Ten months from September 1, 1960)		
2. Ruth C. Anderson, House Director of Beta House.....	ZG63	1 350
(Perquisites University — room and board)		
(Total Salary).....		(2 000)
(Ten months from September 1, 1960)		
3. Mae Real, House Director of Alpha House.....	ZG63	1 350
(Perquisites University — room and board)		
(Total Salary).....		(2 000)
(Ten months from September 1, 1960)		
4. ———, House Director of 903 West Nevada Street	G	2 000
(Perquisites University — room and board)		
(Ten months from September 1, 1960)		
<i>Total, Salaries</i>		<i>(6 050)</i>
Expense		37 086
<i>Total, Cooperative Houses.....</i>		<i>\$ 43 136</i>

Arbor Suites Operation

Account Number 18-82-80-731

1. Fern H. Telling, Coordinator, Arbor Village.....	G	\$ 4 000
(Perquisites University — room and board)		
(Ten months from September 1, 1960)		
2. ———, Resident Assistant, Arbor Village.....	G	1 600
(Perquisites University — room and board)		
(Ten months from September 1, 1960)		

3. _____, Resident Assistant, Arbor Village..... G	I 800
(Perquisites University—room and board)	
(Ten months from September 1, 1960)	
4. _____, Resident Assistant, Arbor Village..... G	I 600
(Perquisites University—room and board)	
(Ten months from September 1, 1960)	
5. _____, Resident Assistant, Arbor Village..... G	I 800
(Perquisites University—room and board)	
(Ten months from September 1, 1960)	
6. 0.75 Full Time Equivalent Assistants..... G	I 800
<i>Total, Salaries</i>	(12 600)
Wages.....	5 760
Expense.....	110 385
<i>Total, Wages, Expense, and Equipment</i>	(116 145)
<i>Total, Arbor Suites Operation</i>	\$128 745

Parade Grounds Operation

Account Number 18-82-80-740

Wages.....	\$ 645
Expense	I 890
<i>Total, Parade Grounds Operation</i>	\$ 2 535

Temporary Family Housing

Account Number 18-82-80-748

Nonacademic Salaries	\$ 45 380
<i>Total, Salaries</i>	(45 380)
Wages.....	I 114
Expense	219 045
<i>Total, Wages, Expense, and Equipment</i>	(220 159)
<i>Total, Temporary Family Housing</i>	\$265 539

Trust—Graduate Residence Halls Operation

Account Number 48-82-80-730

Nonacademic Salaries	\$ 3 600
<i>Total, Salaries</i>	(3 600)
Wages.....	9 743
Expense	42 859
Debt Service	65 943
<i>Total, Wages, Expense, and Equipment</i>	(118 545)
<i>Total, Trust—Graduate Residence Halls Operation</i>	\$122 145

Trust—Gregory Drive Halls Operation

Account Number 48-82-80-733

1. James E. Crawford, Assistant Manager and Head Resident, Men's Residence Halls..... DY	\$ 4 400
(Perquisites University—room and board)	
Nonacademic Salaries	27 690
<i>Total, Salaries</i>	(32 090)
Wages.....	355 142
Expense	866 840
Debt Service	390 623
<i>Total, Wages, Expense, and Equipment</i>	(I 612 605)
<i>Total, Trust—Gregory Drive Halls Operation</i>	\$I 644 695

Trust—Busey-Evans Halls Operation

Account Number 48-82-80-735

1. Eleanor E. Grinnell, Head Resident, Evans Hall..... G	\$ 4 200
(Perquisites University—room and board)	
(Ten months from September 1, 1960)	
2. Catherine N. Wells, Head Resident, Busey Hall..... G	4 200
(Perquisites University—room and board)	
(Ten months from September 1, 1960)	

3. 1.50 Full Time Equivalent Assistants.....	G	6 780
Nonacademic Salaries		18 540
<i>Total, Salaries</i>		(33 720)
Wages.....		95 220
Expense		175 665
Debt Service		27 030
<i>Total, Wages, Expense, and Equipment</i>		(297 915)
<i>Total, Trust—Busey-Evans Halls</i>		\$331 635

Trust — Allen Hall Operation

Account Number 48-82-80-736

1. Alice W. Cotter, Head Resident.....	G	\$ 4 800
(Perquisites University—room and board)		
(Ten months from September 1, 1960)		
2. Jean F. Hill, Head Resident.....	G	4 800
(Perquisites University—room and board)		
(Ten months from September 1, 1960)		
3. Edith M. Atchinson, Resident Assistant.....	G	1 600
(Perquisites University—room and board)		
(Ten months from September 1, 1960)		
4. Germaine E. Feldkamp, Resident Assistant.....	G	1 600
(Perquisites University—room and board)		
(Ten months from September 1, 1960)		
5. Margaret J. Friermood, Resident Assistant.....	G	1 600
(Perquisites University—room and board)		
(Ten months from September 1, 1960)		
6. Lucy May S. McIntyre, Resident Assistant.....	G	1 600
(Perquisites University—room and board)		
(Ten months from September 1, 1960)		
7. 2.75 Full Time Equivalent Assistants.....	G	11 430
Nonacademic Salaries		4 590
<i>Total, Salaries</i>		(32 020)
Wages.....		131 910
Expense		348 693
Debt Service		166 359
<i>Total, Wages, Expense, and Equipment</i>		(646 962)
<i>Total, Trust—Allen Hall Operation</i>		\$678 982

Trust — Lincoln Avenue Residence Operation

Account Number 48-82-80-737

1. Margaret M. Bevan, Head Resident.....	G	\$ 4 700
(Perquisites University—room and board)		
(Ten months from September 1, 1960)		
2. Barbara N. Connell, Head Resident.....	G	4 800
(Perquisites University—room and board)		
(Ten months from September 1, 1960)		
3. ———, Assistant Head Resident.....	G	4 200
(Perquisites University—board)		
(Ten months from September 1, 1960)		
4. ———, Assistant Head Resident.....	G	4 200
(Perquisites University—board)		
(Ten months from September 1, 1960)		
5. 1.00 Full Time Equivalent Assistants.....	G	4 520
Nonacademic Salaries		27 068
<i>Total, Salaries</i>		(49 488)
Wages.....		119 375
Expense		301 946
Debt Service		41 513
<i>Total, Wages, Expense, and Equipment</i>		(462 834)
<i>Total, Trust—Lincoln Avenue Residence Operation</i>		\$512 322

Trust — Men's Residence Halls Operation

Account Number 48-82-80-739

1. Louis D. Liay, Assistant Manager and Head Resident DY (Perquisites University — room and board)	\$ 4 400
Nonacademic Salaries	19 020
<i>Total, Salaries</i>	(23 420)
Wages	259 263
Expense	611 532
Debt Service	77 779
<i>Total, Wages, Expense, and Equipment</i>	(948 574)
<i>Total, Trust — Men's Residence Halls Operation</i>	\$971 994

Trust — Peabody Drive Residence Halls Operation

Account Number 48-82-80-765

1. _____, Assistant Manager and Head Resident... DY (Perquisites University — room and board)	\$ 3 600
Nonacademic Salaries	2 400
<i>Total, Salaries</i>	(6 000)
Wages	104 517
Expense	159 042
Debt Service	118 272
<i>Total, Wages, Expense, and Equipment</i>	(381 831)
<i>Total, Peabody Drive Residence Halls Operation</i>	\$387 831

Trust — Snack Bar and Service Building Operation

Account Number 48-82-80-777

Nonacademic Salaries	\$ 7 700
<i>Total, Salaries</i>	(7 700)
Wages	69 120
Expense	47 528
Debt Service	32 096
<i>Total, Wages, Expense, and Equipment</i>	(148 744)
<i>Total, Trust — Snack Bar and Service Building Operation</i>	\$156 444

Trust — Taft and Van Doren Houses Operation

Account Number 48-82-80-782

1. _____, Head Resident, Taft House..... G (Perquisites University — room and board) (Ten months from September 1, 1960)	\$ 4 200
2. Susan A. Hughes, Head Resident, Van Doren House.. G (Perquisites University — room and board) (Ten months from September 1, 1960)	4 200
3. 2.00 Full Time Equivalent Assistants..... G <i>Total, Salaries</i>	9 040 (17 440)
Wages	23 977
Expense	66 203
Debt Service	74 212
<i>Total, Wages, Expense, and Equipment</i>	(164 392)
<i>Total, Trust — Taft and Van Doren Houses Operation</i>	\$181 832

Trust — Goodwin Avenue Apartments Operation

Account Number 48-82-85-752

Wages	\$ 8 049
Expense	41 045
Debt Service	57 390
<i>Total, Trust — Goodwin Avenue Apartments Operation</i>	\$106 484

Trust — Green Street Apartments Operation

Account Number 48-82-85-753

Wages	\$ 7 945
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Expense	34 473
Debt Service	44 923
<i>Total, Trust — Green Street Apartments Operation..</i>	<u>\$ 87 341</u>

National Homes Staff Housing

Account Number 18-82-85-754

Expense	\$ 30 717
<i>Total, National Homes Staff Housing.....</i>	<u>\$ 30 717</u>

Permanent Staff Housing

Account Number 18-82-85-755

Wages.....	\$ 258
Expense	22 101
<i>Total, Permanent Staff Housing.....</i>	<u>\$ 22 359</u>

Trust — Orchard Place Apartments Operation

Account Number 48-82-85-755

Wages.....	\$ 840
Expense	44 714
Debt Service	77 054
<i>Total, Trust — Orchard Place Apartments Operation</i>	<u>\$122 608</u>

Trust — Race Street and Florida Avenue Housing Operation

Account Number 48-82-85-758

Expense	\$ 36 088
Debt Service	11 640
<i>Total, Trust — Race Street and Florida Avenue Housing Operation</i>	<u>\$ 47 728</u>

Illini Union — General Building

Account Number 18-82-90-710

1. Earl F. Finder, Director of Illini Union..... DY	\$ 12 000
(Perquisites University — one meal)	
2. Irene D. Pierson, Social Director of Illini Union..... DY	9 200
(Perquisites Employee — one meal).....	(84)
Nonacademic Salaries	86 585
<i>Total, Salaries</i>	<u>(107 785)</u>
Wages.....	169 910
Expense	224 794
<i>Total, Wages, Expense, and Equipment.....</i>	<u>(394 704)</u>
<i>Total, Illini Union — General Building.....</i>	<u>\$502 489</u>

Illini Union — Food Service

Account Number 18-82-90-720

Nonacademic Salaries	\$ 80 410
<i>Total, Salaries</i>	<u>(80 410)</u>
Wages.....	277 022
Expense	443 340
<i>Total, Wages, Expense, and Equipment.....</i>	<u>(720 362)</u>
<i>Total, Illini Union — Food Service.....</i>	<u>\$800 772</u>

Illini Union — Billiards

Account Number 18-82-90-730

Nonacademic Salaries	\$ 1 500
<i>Total, Salaries</i>	<u>(1 500)</u>
Wages.....	6 688
Expense	2 363
<i>Total, Wages, Expense, and Equipment.....</i>	<u>(9 051)</u>
<i>Total, Illini Union — Billiards.....</i>	<u>\$ 10 551</u>

Illini Union — Bowling Alleys

Account Number 18-82-90-740

Nonacademic Salaries	\$ 4 500
<i>Total, Salaries</i>	(4 500)
Wages.....	9 085
Expense	16 853
<i>Total, Wages, Expense, and Equipment</i>	(25 938)
<i>Total, Illini Union — Bowling Alleys</i>	\$ 30 438

Illini Union — Bookstore

Account Number 18-82-90-770

Nonacademic Salaries	\$ 20 020
<i>Total, Salaries</i>	(20 020)
Wages.....	40 500
Expense	523 252
<i>Total, Wages, Expense, and Equipment</i>	(563 752)
<i>Total, Illini Union — Bookstore</i>	\$583 772

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.....	115 000	115 000
Estimated Private Gifts.....	500 000	500 000
Estimated U.S. Contracts.....	375 000	375 000
<i>Total, Restricted</i>	\$1 070 000	\$1 070 000

CHICAGO PROFESSIONAL COLLEGES**APPROPRIATIONS**

	General	Wages, Ex- pense, and Equipment	Total
	<i>Salaries</i>		
<i>Administration and General</i>	\$ 697 887	\$ 128 800	\$ 826 687
<i>Instruction</i>			
Medicine.....	3 293 211	402 122	3 695 333
Dentistry.....	844 132	123 310	967 442
Pharmacy.....	484 950	58 440	543 390
Graduate College.....	7 830	1 000	8 830
College of Nursing.....	164 030	15 063	179 093
Physical Education.....	13 550	4 200	17 750
<i>Total, Instruction</i>	(4 807 703)	(604 135)	(5 411 838)
<i>Organized Activities Relating to Instruction</i>			
Research and Educational Hospitals.....	3 222 866	2 893 530	6 116 396
<i>Organized Research</i>			
Graduate College.....	.....	20 000	20 000
Aeromedical Laboratory.....	76 563	18 800	95 363
<i>Total, Organized Research</i>	(76 563)	(38 800)	(115 363)
<i>Extension and Public Services</i>			
Broadcasting.....	19 740	3 300	23 040
Crippled Children.....	350 800	1 319 220	1 670 020
<i>Total, Extension and Public Services</i> ..	(370 540)	(1 322 520)	(1 693 060)
<i>Libraries</i>	82 480	55 600	138 080
<i>Physical Plant</i>	249 172	2 630 915	2 880 087
<i>Student Aid</i>			
Graduate College.....	.....	20 000	20 000
<i>Total, General</i>	\$9 507 211	\$7 694 300	\$17 201 511

	Restricted	Wages, Ex- pense, and Equipment	Total
	Salaries		
<i>Administration and General</i>	\$ 29 565	\$ 21 940	\$ 51 505
<i>Instruction</i>			
Medicine.....	185 320	72 000	257 320
Dentistry.....	30 000	20 000	50 000
<i>Total, Instruction</i>	(215 320)	(92 000)	(307 320)
<i>Organized Activities Relating to Instruction</i>			
Research and Educational Hospitals.....	105 366	167 805	273 171
<i>Organized Research</i>			
Medicine.....	1 000 000	700 000	1 700 000
Dentistry.....	105 000	89 000	194 000
Pharmacy.....	2 000	12 000	14 000
Graduate College.....	10 000	30 000	40 000
Institute for Tuberculosis Research.....	69 475	26 675	96 150
<i>Total, Organized Research</i>	(1 186 475)	(857 675)	(2 044 150)
<i>Extension and Public Services</i>			
Dentistry.....		2 600	2 600
Crippled Children.....	311 095	302 405	613 500
<i>Total, Extension and Public Services</i> ..	(311 095)	(305 005)	(616 100)
<i>Auxiliary Enterprises</i>			
Physical Plant.....	61 942	1 124 764	1 186 706
<i>Student Aid</i>			
Scholarships and Fellowships.....		64 500	64 500
<i>Total, Restricted</i>	\$1 909 763	\$2 633 689	\$4 543 452

ADMINISTRATION AND GENERAL

	General	Wages, Ex- pense, and Equipment	Total
	Salaries		
<i>Administration and General</i>			
Vice-President's Office.....	\$ 37 400	\$ 5 800	\$ 43 200
Health Service.....	82 510	5 400	87 910
Animal Hospital.....	40 362	2 600	42 962
Illustration Studios.....	65 180	5 900	71 080
Business Office.....	266 445	60 200	326 645
Auditing.....	34 270	1 300	35 570
Admissions and Records.....	42 470	7 850	50 320
Nonacademic Personnel.....	76 880	13 450	90 330
Student Affairs.....	32 370	2 900	35 270
Public Information.....	20 000	8 400	28 400
General Expenses.....		15 000	15 000
<i>Total, General</i>	\$697 887	\$128 800	\$826 687

	Restricted	Wages, Ex- pense, and Equipment	Total
	Salaries		
<i>Administration and General</i>			
Estimated Indirect Costs.....	\$29 565	\$18 940	\$48 505
Estimated Endowment Income.....		1 000	1 000
Estimated Private Gifts.....		2 000	2 000
<i>Total, Restricted</i>	\$29 565	\$21 940	\$51 505

Vice-President's Office

Account Number 05-06-10			
1. —————, Vice-President in Charge of the Chicago			
Professional Colleges.....	BY	\$ 24 500	
Nonacademic Salaries.....		12 900	
<i>Total, Salaries</i>		(37 400)	
Wages.....		900	
Expense.....		4 200	

Convention Travel	400
Equipment	300
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(5 800)</i>
<i>Total, Vice-President's Office.....</i>	<i>\$ 43 200</i>

Health Service

Account Number 05-06-15

1. Marvin J. Colbert, Director.....	ZBY	\$ 15 250
2. Joseph H. Filip, Associate Director.....	DY05	11 500
3. Jutta Koik, Physician.....	ZDY50	6 500
4. Clifton C. Rhead, Psychiatric Consultant.....	ZBY20	3 100
5. _____, Physician.....	DY50	6 500
6. Isidor Hochberg, Physician.....	DY20	2 200
7. Eduard Huesing, Physician.....	DY30	3 000
8. Alice B. Racher, Physician.....	DY20	2 300
9. Ernest C. Tiritilli, Physician.....	DY60	6 600
10. _____, Physician	DY35	4 500
Nonacademic Salaries		21 000
<i>Total, Salaries</i>		<i>(82 510)</i>
Wages.....		1 700
Expense		3 200
Equipment		500
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(5 400)</i>
<i>Total, Health Service.....</i>		<i>\$ 87 910</i>

Animal Hospital

Account Number 05-06-17

1. William C. Dolowy, Administrator.....	ZDY	\$ 13 000
Nonacademic Salaries		27 362
<i>Total, Salaries</i>		<i>(40 362)</i>
Wages.....		2 200
Expense		200
Equipment		200
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(2 600)</i>
<i>Total, Animal Hospital.....</i>		<i>\$ 42 962</i>

Illustration Studios

Account Number 05-06-39

1. A. Hooker Goodwin, Professor of Medical and Dental Illustration and Head of Department.....	AY	\$ 13 750
2. T. S. Jones, Professor, <i>Emeritus</i>	R	.....
3. Emil W. Hospodar, Assistant Professor of Medical and Dental Illustration.....	BY	9 800
4. Ramona Morgan, Instructor in Medical and Dental Illustration	ZDY90	5 260
(Total Salary)		(5 800)
Nonacademic Salaries		36 370
<i>Total, Salaries</i>		<i>(65 180)</i>
Wages.....		3 095
Expense		2 805
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(5 900)</i>
<i>Total, Illustration Studios.....</i>		<i>\$ 71 080</i>

TRUST — ANONYMOUS — VISUAL EDUCATION

Account Number 50-22-05

1. Ramona Morgan, Instructor in Medical and Dental Illustration.....	ZDY10	\$ 540
<i>Total, Trust — Anonymous — Visual Education.....</i>		<i>\$ 540</i>

Business Office

Account Number 05-06-20

1. H. A. Hazleton, Business Manager of the Chicago Col- leges and Divisions.....	ZDY	\$ 17 200
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Nonacademic Salaries, Business Manager.....	27 060
Nonacademic Salaries, Accounting.....	43 845
Nonacademic Salaries, Collections.....	18 120
Nonacademic Salaries, Payroll.....	20 940
Nonacademic Salaries, Purchasing.....	59 180
Nonacademic Salaries, General Clerical.....	80 100
<i>Total, Salaries</i>	(266 445)
Wages.....	8 450
Expense.....	48 550
Equipment.....	3 200
<i>Total, Wages, Expense, and Equipment</i>	(60 200)
<i>Total, Business Office</i>	\$326 645

Trust — Indirect Costs — Business Office

Account Number 56-06-03	
Nonacademic Salaries	\$ 19 545
Expense	18 000
<i>Total, Trust — Indirect Costs — Business Office</i>	\$ 37 545

Auditing

Account Number 05-06-23	
Nonacademic Salaries	\$ 34 270
<i>Total, Salaries</i>	(34 270)
Wages.....	350
Expense	950
<i>Total, Wages, Expense, and Equipment</i>	(1 300)
<i>Total, Auditing</i>	\$ 35 570

Trust — Indirect Costs — Auditing

Account Number 56-06-04	
Nonacademic Salaries	\$ 1 380
Expense	140
<i>Total, Trust — Indirect Costs — Accounting</i>	\$ 1 520

Admissions and Records

Account Number 05-06-25	
1. George R. Moon, Associate Dean..... DY	\$ 13 900
Nonacademic Salaries	28 570
<i>Total, Salaries</i>	(42 470)
Wages.....	650
Expense	6 500
Equipment.....	700
<i>Total, Wages, Expense, and Equipment</i>	(7 850)
<i>Total, Admissions and Records</i>	\$ 50 320

Nonacademic Personnel

Account Number 05-06-30	
1. George F. McGregor, Associate Director..... DY	\$ 14 000
Nonacademic Salaries	62 880
<i>Total, Salaries</i>	(76 880)
Wages.....	850
Expense	11 450
Civil Service Travel Expense.....	500
Equipment.....	650
<i>Total, Wages, Expense, and Equipment</i>	(13 450)
<i>Total, Nonacademic Personnel</i>	\$ 90 330

Indirect Costs — Nonacademic Personnel

Account Number 56-06-02	
Nonacademic Salaries	\$ 8 640
Expense	800
<i>Total, Indirect Costs — Nonacademic Personnel</i>	\$ 9 440

Student Affairs

Account Number 05-06-32		
1. Maurice Galbraith, Dean of Student Affairs.....	BY	\$ 14 250
2. F. C. Dalla, Director of Chicago Housing Division...	ZDY	.....
Nonacademic Salaries		18 120
<i>Total, Salaries</i>		(32 370)
Wages.....		480
Expense		2 320
Equipment		100
<i>Total, Wages, Expense, and Equipment</i>		(2 900)
<i>Total, Student Affairs</i>		\$ 35 270

Public Information

Account Number 05-06-35		
1. Max Isaac Light, Chicago Manager of Public Informa- tion	ZDY	\$ 9 500
Nonacademic Salaries		10 500
<i>Total, Salaries</i>		(20 000)
Wages.....		500
Expense		3 160
Faculty-Alumni Newsletter		4 340
Equipment		400
<i>Total, Wages, Expense, and Equipment</i>		(8 400)
<i>Total, Public Information</i>		\$ 28 400

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.....		(25 000)
Vice-President's Contingent		1 500
General Publications		2 000
Public Functions		1 000
Nonacademic Disability Benefits.....		1 000
<i>Total, Wages, Expense, and Equipment</i>		(15 000)
<i>Total, General Expenses</i>		\$ 15 000

COLLEGE OF MEDICINE**General**

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Administration.....	\$ 81 570	\$ 30 537	\$ 112 107
Postgraduate.....	.....	1 000	1 000
Anatomy.....	179 756	18 200	197 956
Biological Chemistry.....	158 116	21 150	179 266
Clinical Science.....	30 290	7 300	37 590
Dermatology.....	59 748	4 900	64 648
Medical Social Work.....	166 210	6 700	172 910
Medicine.....	334 295	18 510	352 805
Microbiology.....	168 130	14 000	182 130
Neurology and Neurological Surgery.....	143 198	27 970	171 168
Obstetrics and Gynecology.....	101 866	9 000	110 866
Occupational Therapy.....	108 650	13 300	121 950
Ophthalmology.....	104 900	11 000	115 900
Orthopaedic Surgery.....	70 780	10 000	80 780
Otolaryngology.....	147 300	11 000	158 300
Pathology.....	237 088	18 150	255 238
Pediatrics.....	129 720	10 960	140 680
Pharmacology.....	134 216	16 270	150 486
Physical Medicine and Rehabilitation.....	49 442	2 700	52 142
Physiology.....	184 318	26 900	211 218

General (Continued)

	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Presbyterian—St. Luke's Hospital.....		60 775	60 775
Preventive Medicine.....	55 500	3 500	59 000
Psychiatry.....	253 830	15 500	269 330
Public Health.....	32 450	2 800	35 250
Radiology.....	138 830	14 000	152 830
Surgery.....	223 008	26 000	249 008
<i>Total, General</i>	<i>\$3 293 211</i>	<i>\$402 122</i>	<i>\$3 695 333</i>

Restricted

	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
<i>Instruction</i>			
Epilepsy Clinic Revolving.....	\$ 4 020	\$ 300	\$ 4 320
Toxicology Revolving.....	3 300	4 700	8 000
Estimated Indirect Costs.....	8 000	4 000	12 000
Estimated Endowment Income.....		3 000	3 000
Estimated Private Gifts.....	35 000	15 000	50 000
Estimated U.S. Contracts.....	135 000	45 000	180 000
<i>Total, Instruction</i>	<i>(185 320)</i>	<i>(72 000)</i>	<i>(257 320)</i>
<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>	<i>(1 000 000)</i>	<i>(700 000)</i>	<i>(1 700 000)</i>
<i>Total, Restricted</i>	<i>\$1 185 320</i>	<i>\$772 000</i>	<i>\$1 957 320</i>

Administration

Account Number 05-12-03		
1. Granville A. Bennett, Dean.....	ZBY	\$ 24 500
2. Donald J. Caseley, Associate Dean.....	ZBY	.....
3. William F. Kellow, Associate Dean.....	ZBY	18 000
4. Unassigned Salaries.....		15 000
Nonacademic Salaries.....		24 076
<i>Total, Salaries</i>		<i>(81 570)</i>
Wages.....		1 300
Expense, General.....		11 937
Contingent.....		10 000
Convention Travel.....		6 400
Equipment.....		900
<i>Total, Wages, Expense, and Equipment</i>		<i>(30 537)</i>
<i>Total, Administration</i>		<i>\$112 107</i>

Cooperative Investigations

TRUST—MEDICAL EDUCATION RESEARCH COMMONWEALTH FUND

Account Number 50-05-10

1. George E. Miller, Director of Research in Medical Education.....	ZBY	\$ 18 600
2. Lawrence A. Fisher, Associate Director of Research in Medical Education.....	ZBY	13 150
<i>Total, Trust—Medical Education Research Commonwealth Fund</i>		<i>\$ 31 750</i>

Postgraduate

Account Number 05-12-10		
Wages.....		\$ 200
Expense, General.....		800
<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.....		\$ 19 700

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	12 000
6. James C. Plagge, Professor.....	AY	14 000
7. Parke H. Simer, Professor.....	A	13 500
8. Gerhardt von Bonin, Professor, <i>Emeritus</i>	R	.....
9. ———, Professor.....	A	12 500
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	10 200
13. Vincent J. Defeo, Assistant Professor.....	BY	9 000
14. L. M. H. Larramendi, Assistant Professor.....	BY	9 150
15. Edith K. MacRae, Assistant Professor.....	BY	9 000
16. Helen C. Maibenco, Assistant Professor.....	BY	8 350
17. Harry Monsen, Assistant Professor.....	BY	9 000
18. A. J. Schmidt, Assistant Professor.....	BY	9 300
19. Leopold Treciokas, Assistant Professor.....	DY	8 000
20. 1.50 Full Time Equivalent Assistants.....	E	6 000
Nonacademic Salaries		30 056
<i>Total, Salaries</i>		(179 756)
Wages.....		1 500
Expense		14 200
Equipment.....		2 500
<i>Total, Wages, Expense, and Equipment</i>		(18 200)
<i>Total, Anatomy</i>		\$197 956

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE RG4728C3

Account Number 55-16-73

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	\$ 19 700
2. Olaf Bergeim, Professor, <i>Emeritus</i>	R	.....
3. Stephen B. Binkley, Professor.....	AY	15 650
4. Leo G. Abood, Associate Professor of Neurophysiology	ZAY10	1 150
(Total Salary)		(11 450)
5. C. A. Johnson, Associate Professor.....	AY	10 125
6. Terrell C. Myers, Associate Professor.....	AY	11 500
7. Max E. Rafelson, Associate Professor.....	AY	12 600
8. James A. Hayashi, Assistant Professor	BY	9 100
9. Henry Jeffay, Assistant Professor.....	BY	10 100
10. Paul Kohn, Assistant Professor.....	BY	10 600
11. Charles Panos, Assistant Professor.....	ZBY25	2 025
(Total Salary)		(8 100)
12. Edward B. Titchener, Assistant Professor.....	BY	9 350
13. Bernard Weissmann, Assistant Professor.....	BY	9 900
14. 2.50 Full Time Equivalent Assistants.....	E	9 750
Nonacademic Salaries		26 566
<i>Total, Salaries</i>		(158 116)
Wages.....		1 600
Expense		17 550
Equipment.....		2 000
<i>Total, Wages, Expense, and Equipment</i>		(21 150)
<i>Total, Biological Chemistry</i>		\$179 266

Cooperative Investigations

TRUST — AMERICAN CANCER SOCIETY

Account Number 50-12-57

1. Leslie Robert, Research Associate.....	DY	\$ 7 000
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TRUST — LIFE INSURANCE MEDICAL RESEARCH

Account Number 50-12-80

1. Clyde C. Doughty, Research Associate..... DY \$ 7 500

TRUST — U.S. PUBLIC HEALTH SERVICE C1828C7

Account Number 55-21-07

1. Irene Bornstein, Research Assistant..... DY \$ 5 600

TRUST — U.S. PUBLIC HEALTH SERVICE RG6686C1

Account Number 55-21-28

1. D. A. Dennen, Research Assistant..... DY \$ 4 650

TRUST — U.S. PUBLIC HEALTH SERVICE E1514C3

Account Number 55-21-88

1. Charles Panos, Assistant Professor..... ZBY75 \$ 6 075

TRUST — U.S. PUBLIC HEALTH SERVICE A2636C1

Account Number 55-21-99

1. Saeed Gaballah, Research Associate..... DY \$ 7 800

Clinical Science

Account Number 05-12-30

1. A. C. Ivy, Distinguished Professor of Physiology and
Head of Department of Clinical Science..... AY \$ 18 500

2. Roman Wojciech, Research Associate..... DY95 5 790

Nonacademic Salaries 6 000

Total, Salaries (30 290)

Expense 7 300

Total, Clinical Science \$ 37 590**Cooperative Investigations**

TRUST — LAKE LAND FOUNDATION — STIMULATING AND

INHIBITING AGENTS

Account Number 50-15-41

1. Dorothy Nelson, Research Associate..... DY20 \$ 1 200

Dermatology

Account Number 05-12-36

1. Adolph Rostenberg, Professor and Head of Department AY \$ 19 500

2. Theodore Cornbleet, Clinical Professor..... AY30 3 090

3. Harold Shellow, Clinical Associate Professor..... AY10 1 200

4. F. J. Szymanski, Clinical Associate Professor..... AY16 2 600

5. Louise E. Tavs, Clinical Associate Professor..... AY20 2 200

6. _____, Clinical Associate Professor..... AY20 2 890

7. James J. Jambor, Assistant Professor..... DY 10 250

8. 0.20 Full Time Equivalent Assistants..... DY 1 002

Nonacademic Salaries 17 016

Total, Salaries (59 748)

Wages..... 300

Expense 3 400

Equipment 1 200

Total, Wages, Expense, and Equipment (4 900)*Total, Dermatology* \$ 64 648**Medical Social Work**

Account Number 05-12-41

1. Carol H. Preucil, Associate Professor and Head of
Department..... AY \$ 12 000

2. Lois E. Binns, Assistant Professor..... BY 7 800

3. Louise Fassler, Assistant Professor..... BY 8 000

4. Constance Fraser, Assistant Professor..... ZBY50 3 700

(Total Salary) (7 400)

5. Kathryn E. Hepler, Assistant Professor..... BY 8 400

6. Dorothy Large, Assistant Professor..... BY 8 950

7. Helen R. Lockhart, Assistant Professor..... BY 7 500

8. Natalie R. Seltzer, Assistant Professor.....	BY	7 550
9. Marie Waite, Assistant Professor.....	BY	8 420
10. Sheila A. Callaghan, Instructor.....	DY	5 850
11. Dolores A. Exum, Instructor.....	DY	6 100
12. Ruth W. Helms, Instructor.....	DY	5 900
13. Margaret L. Johnson, Instructor.....	DY	6 100
14. Helen J. Lane, Instructor.....	DY	6 850
15. Leona K. Pliske, Instructor.....	DY	6 000
16. Jean V. Prosser, Instructor.....	DY	6 000
17. Helen J. Read, Instructor.....	DY	6 250
(Handicapped Children's Center)		
18. Jean Robertson, Instructor.....	DY	6 100
19. Ramona J. Teason, Instructor.....	DY	6 800
20. T. P. Meyertholen, Assistant.....	DY	5 570
Nonacademic Salaries		26 370
Total, Salaries		(166 210)
Wages.....		200
Expense		5 700
Equipment		800
Total, Wages, Expense, and Equipment.....		(6 700)
Total, Medical Social Work.....		\$172 910

Cooperative Investigations

TRUST — MEDICAL SOCIAL WORK — UNIVERSITY OF CHICAGO

Account Number 50-23-05

1. Aleanor Merrifield, Assistant Professor..... BY \$ 7 750

TRUST — NATIONAL FOUNDATION FOR INFANTILE PARALYSIS —
RESPIRATORY POLIO

Account Number 50-52-55

1. Mary Elston Goss, Instructor..... DY \$ 6 500

Medicine

Account Number 05-12-42

1. Harry F. Dowling, Professor and Head of Department	ZAY	\$ 25 500
2. David I. Abramson, Professor.....	ZAY	.....
3. Carroll L. Birch, Professor.....	AY	11 000
4. Edmund F. Foley, Professor.....	AY ₅₀	5 500
5. Ford K. Hick, Professor.....	ZAY ₅₀	5 500
6. George G. Jackson, Professor.....	AY	18 800
7. Robert M. Kark, Professor.....	AY ₉₀	14 400
8. M. M. Montgomery, Professor.....	AY ₈₀	14 100
9. Norman B. Roberg, Professor.....	AY ₈₀	15 000
10. Max Samter, Professor.....	AY ₉₀	13 300
11. Harry A. Bliss, Associate Professor.....	ZAY	14 600
12. Nicholas Cotsonas, Associate Professor.....	AY ₉₀	14 900
13. William F. Kellow, Associate Professor.....	ZAY	.....
14. A. B. Kendrick, Associate Professor.....	AY	9 200
15. Louis R. Limarzi, Associate Professor.....	AY ₇₀	6 600
16. George E. Miller, Associate Professor.....	ZAY	.....
17. F. Steigmann, Clinical Associate Professor.....	AY ₂₀	1 710
18. Basil Anast, Assistant Professor of Parasitology.....	BY ₅₀	3 675
19. Aldona L. Baltch, Assistant Professor.....	BY	9 800
20. William R. Best, Assistant Professor.....	ZBY ₁₅	1 765
(Total Salary)		(10 600)
21. George J. Brebis, Assistant Professor.....	BY ₅₀	3 700
22. Marvin J. Colbert, Assistant Professor.....	ZBY	.....
23. Moses Goldwasser, Assistant Professor, <i>Emeritus</i>	R	.....
24. Jutta Koik, Assistant Professor.....	ZBY	.....
25. Sophie J. Presley, Clinical Assistant Profesosr.....	BY ₂₅	1 750
26. Robert J. Ryan, Assistant Professor.....	ZBY ₄₇	5 100
(Total Salary)		(10 800)
27. Nat E. Smith, Assistant Professor.....	BY	10 800
28. _____, Assistant Professor.....	BY	10 500

29. J. M. Dyniewicz, Instructor and Research Chemist....	DY	6 150
30. Hans G. Griebel, Instructor.....	DY	8 000
31. Edsel K. Hudson, Instructor.....	FY	5 500
(Effective July 1, 1960)		
32. Harold A. Shafter, Instructor.....	ZDY	9 200
33. _____, Instructor	DY66	5 500
34. Burton R. Andersen, Research Assistant.....	FY	5 000
(Effective July 1, 1960)		
35. Margaret Melody, Research Assistant.....	DY	6 400
36. Mary E. Rubenis, Research Assistant.....	ZDY85	5 100
(Total Salary)		(6 000)
37. _____, Research Assistant.....	DY	4 650
Nonacademic Salaries		61 595
<i>Total, Salaries</i>		(334 295)
Wages.....		.....
Expense		13 670
Expense, Allergy		2 000
Equipment		2 840
<i>Total, Wages, Expense, and Equipment</i>		(18 510)
<i>Total, Medicine</i>		\$352 805

Cooperative InvestigationsTRUST — INSTITUTION FOR TUBERCULOSIS RESEARCH —
PULMONARY FUNCTIONS

Account Number 50-24-35

1. Mary E. Rubenis, Research Assistant..... ZDY15 \$ 900

TRUST — WARNER LAMBERT

Account Number 50-24-52

1. Margaret F. Jones, Research Assistant..... ZDY12 \$ 660
(Total Salary)

(5 500)

TRUST — ARTHRITIS AND RHEUMATISM FOUNDATION

Account Number 50-24-56

1. Peter Pulos, Clinical Instructor..... DY15 \$ 900

TRUST — NATIONAL FOUNDATION FOR INFANTILE PARALYSIS —
RESPIRATORY POLIO

Account Number 50-52-55

1. Margaret E. Gantt, Research Associate..... ZDY70 \$ 5 040
(Total Salary)

(7 200)

TRUST — U.S. PUBLIC HEALTH SERVICE HT300C10

Account Number 55-15-26

1. Herschel L. Browns, Clinical Assistant Professor..... BY45 \$ 3 800

TRUST — U.S. PUBLIC HEALTH SERVICE CY4985

Account Number 55-35-06

1. John Louis, Research Associate..... ZDY45 \$ 3 750
(Total Salary)

(7 500)

2. Won Choon Chun, Research Assistant..... FY \$ 4 650
(Effective July 1, 1960)

Total, Trust — U.S. Public Health Service CY4985..

\$ 8 400

TRUST — U.S. PUBLIC HEALTH SERVICE H2253C3

Account Number 55-35-13

1. Henry J. Goldsmith, Research Associate..... DY50 \$ 3 000
2. Roy C. McClain, Research Assistant..... DY

5 500

Total, Trust — U.S. Public Health Service H2253C3

\$ 8 500

TRUST — U.S. PUBLIC HEALTH SERVICE E1690C2

Account Number 55-35-17

1. Margaret E. Gantt, Research Associate..... ZDY30 \$ 2 160
2. Roger P. Kennedy, Research Assistant..... FY

4 650

Total, Trust — U.S. Public Health Service E1690C2..

\$ 6 810

TRUST — U.S. PUBLIC HEALTH SERVICE 2A5032C3

Account Number 55-35-23

1. Alexander N. Ruggie, Clinical Assistant Professor.... BY35 \$ 3 000

TRUST — U.S. PUBLIC HEALTH SERVICE E2044C1

Account Number 55-35-27

1. Pier A. Taschini, Research Associate..... DY \$ 8 000

TRUST — U.S. PUBLIC HEALTH SERVICE E1949C2

Account Number 55-35-32

1. Margaret F. Jones, Research Assistant..... ZDY88 \$ 4 840
(Total Salary) (5 500)

TRUST — U.S. ARMY MD421

Account Number 55-35-65

1. Robert L. Muldoon, Research Associate..... DY \$ 7 200
2. Miriam R. Bernstein, Research Assistant..... DY 5 000
3. Gloria S. Cooper, Research Assistant..... DY 5 000
Total, Trust — U.S. Army MD421..... \$ 17 200

TRUST — U.S. PUBLIC HEALTH SERVICE 2347C5

Account Number 55-35-80

1. William R. Best, Assistant Professor..... ZBY75 \$ 8 835
2. John Louis, Research Associate..... ZDY45 3 750
(Total Salary) (7 500)
3. Stanley A. Uriu, Research Assistant..... FY 4 650
(Effective July 1, 1960)
Total, Trust — U.S. Public Health Service 2347C5... \$ 17 235

TRUST — U.S. PUBLIC HEALTH SERVICE 2A5105C2

Account Number 55-35-92

1. Robert J. Ryan, Assistant Professor..... ZBY53 \$ 5 700

TRUST — U.S. PUBLIC HEALTH SERVICE C7630C11 —
CANCER TRAINING

Account Number 55-65-16

1. Samuel G. Taylor, Clinical Associate Professor..... AY40 \$ 3 420

Microbiology

Account Number 05-12-44

1. Milan V. Novak, Professor and Head of Department.. ZAY90 \$ 17 550
(Total Salary) (19 500)
2. J. E. Kempf, Professor..... AY 14 000
3. Leon J. LeBeau, Associate Professor..... AY 10 000
4. Esther Meyer, Associate Professor..... AY 10 300
5. Edward E. Vicher, Associate Professor..... AY 11 500
6. Carolyn W. Hammond, Assistant Professor..... BY 9 000
7. Newton Khoobyarian, Assistant Professor..... DY 9 000
8. Arthur V. Kroeger, Assistant Professor..... BY 8 800
9. Robert W. Pumper, Assistant Professor..... BY 9 700
10. Louis R. Sibal, Assistant Professor..... BY 7 600
11. V. F. Gerencser, Instructor..... DY 7 600
12. Edward S. Kos, Instructor..... DY 7 600
13. 2.20 Full Time Equivalent Assistants..... E 9 036
Nonacademic Salaries 36 444
Total, Salaries (168 130)
Wages..... 1 600
Expense 8 400
Equipment 4 000
Total, Wages, Expense, and Equipment..... (14 000)
Total, Microbiology \$182 130

Neurology and Neurological Surgery

Account Number 05-12-45

1. Eric Oldberg, Professor and Head of Department.... AY75 \$ 16 300
2. Orville T. Bailey, Professor of Neurology..... AY 19 200

3. Percival Bailey, Distinguished Professor of Neurology, <i>Emeritus</i>	R	.....
4. Frederic A. Gibbs, Professor of Electroencephalography	AY75	8 250
5. W. A. Gustafson, Clinical Professor of Neurological Surgery.....	AY20	3 000
(On leave without pay to November 30, 1960)		
6. Ben W. Lichtenstein, Clinical Professor of Neurology	AY25	2 500
7. R. P. Mackay, Professor of Neurology.....	AY20	3 000
8. Oscar Sugar, Professor of Neurological Surgery.....	AY50	6 000
9. John S. Garvin, Clinical Associate Professor of Neurol- ogy.....	AY40	3 600
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. Frederick W. Stamps, Research Associate in Neurology	ZDY45	6 350
(Total Salary)		(12 680)
13. Donald D. Layton, Clinical Instructor in Neurology...	DY25	1 800
14. Roland A. Manfredi, Clinical Instructor in Neurology	DY25	1 800
15. Paul R. Rosenbluth, Clinical Instructor in Neurology	DY25	1 800
16. Erna L. Gibbs, Research Assistant in Electroencephal- ography	DY	5 500
Nonacademic Salaries		62 268
Total, Salaries		(143 198)
Wages, Neurology		5 100
Wages, Epilepsy Clinic.....		800
Expense, Neurology		16 400
Expense, Epilepsy Clinic.....		5 000
Equipment.....		670
Total, Wages, Expense, and Equipment.....		(27 970)
Total, Neurology and Neurological Surgery.....		\$171 168

Epilepsy Clinic Revolving

Account Number 07-12-10

Nonacademic Salaries	\$ 4 020
Expense	300
Total, Epilepsy Clinic Revolving.....	\$ 4 320

Cooperative Investigations

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	6 330
3. Seymour Metrick, Clinical Instructor in Neurology...	DY20	1 680
4. Janet D. Rowley, Clinical Instructor in Neurology...	DY90	6 720
Total, Trust — Crippled Children's Bureau — Consul- tation Clinic — Epilepsy		\$ 16 560

TRUST — U.S. PUBLIC HEALTH SERVICE B1109C3

Account Number 55-40-23

1. Catherine L. Rich, Research Assistant in Neurology...	DY	\$ 6 072
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Obstetrics and Gynecology

Account Number 05-12-48

1. William F. Mengert, Professor and Head of Depart- ment.....	AY	\$ 25 000
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	16 600
6. Robert C. Burchell, Assistant Professor.....	BY	11 500
7. Harold Kaminetzky, Assistant Professor.....	BY	15 100

8. William G. Slate, Assistant Professor.....	BY	13 550
Nonacademic Salaries		14 916
<i>Total, Salaries</i>		(101 866)
Wages.....		700
Expense		6 400
Equipment		1 900
<i>Total, Wages, Expense, and Equipment</i>		(9 000)
<i>Total, Obstetrics and Gynecology</i>		\$110 866

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE C7630C11

Account Number 55-65-16

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	\$ 11 600
2. Mary F. Heermans, Assistant Professor.....	BY	8 100
3. Fredericka Foulks, Instructor.....	DY	6 600
4. Nedra A. Gillette, Instructor.....	DY	6 600
5. Patricia Green, Instructor.....	DY	6 400
6. Dorothy T. Hruby, Instructor.....	DY	6 750
7. Barbara Loomis, Instructor.....	DY	7 400
8. Shirley Perlmutter, Instructor.....	DY	5 900
(Handicapped Children's Center)		
9. Carol J. Schad, Instructor.....	DY	6 700
10. Patricia A. Tiernan, Instructor.....	DY	6 600
11. Mary Gilson, Assistant.....	DY	5 300
12. Marilyn Lange, Assistant.....	DY	5 300
13. ———, Assistant	DY	5 300
14. 0.25 Full Time Equivalent Assistants.....	E	1 500
Nonacademic Salaries		18 600
<i>Total, Salaries</i>		(108 650)
Wages.....		1 800
Expense		9 500
Equipment		2 000
<i>Total, Wages, Expense, and Equipment</i>		(13 300)
<i>Total, Occupational Therapy</i>		\$121 950

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE OVR10660

Account Number 55-45-16

1. Gretchen M. Schmalz, 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	\$ 22 200
2. Hallard Beard, Professor, <i>Emeritus</i>	R	.....
3. ———, Clinical Professor.....	AY20	2 060
4. Robert L. Allen, Clinical Assistant Professor.....	BY45	4 000
5. Eugene R. Folk, Assistant Professor.....	BY50	5 000
6. Samuel T. Jones, Assistant Professor.....	BY	12 800
7. Lawrence Lassiter, Assistant Professor.....	BY50	4 000
8. James E. McDonald, Assistant Professor.....	BY60	6 000
9. Maurice D. Pearlman, Clinical Assistant Professor....	BY40	4 000
(Handicapped Children's Center — 20 per cent)		
10. Howard L. Wilder, Assistant Professor.....	BY50	5 400
11. ———, Instructor	FY85	5 400
(Effective July 1, 1960)		
12. ———, Instructor	DY35	2 500

Nonacademic Salaries	31 540
<i>Total, Salaries</i>	(104 900)
Wages.....	1 100
Expense	8 400
Equipment	1 500
<i>Total, Wages, Expense, and Equipment</i>	(11 000)
<i>Total, Ophthalmology</i>	\$115 900

Orthopaedic Surgery

Account Number 05-12-54

1. Robert D. Ray, Professor and Head of Department...	AY50	\$ 12 000
2. Fred W. Hark, Clinical Professor.....	AY25	3 450
3. C. N. Lambert, Clinical Professor.....	AY35	4 000
4. Theodore A. Fox, Clinical Associate Professor.....	AY35	3 400
5. Charles V. Heck, Clinical Associate Professor.....	AY35	3 400
6. Henry W. Apfelbach, Clinical Assistant Professor....	BY35	3 000
7. Ralph T. Lidge, Clinical Assistant Professor.....	BY35	2 800
(On leave without pay September-December, 1960)		
8. John B. Griffin, Clinical Instructor.....	DY30	2 100
(Handicapped Children's Center)		

Nonacademic Salaries	36 630
<i>Total, Salaries</i>	(70 780)
Wages.....	300
Expense	6 700
Equipment	3 000
<i>Total, Wages, Expense, and Equipment</i>	(10 000)
<i>Total, Orthopaedic Surgery</i>	\$ 80 780

Cooperative InvestigationsTRUST — NATIONAL FOUNDATION FOR INFANTILE PARALYSIS —
RESPIRATORY POLIO

Account Number 50-52-55

1. Sid J. Shafer, Clinical Assistant Professor.....	DY20	\$ 1 500
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Otolaryngology

Account Number 05-12-57

1. Francis L. Lederer, Professor and Head of Department and Otolaryngologist-in-Chief	AY80	\$ 16 400
2. Paul H. Holinger, Professor of Bronchoesophagology	AY48	5 700
3. C. M. Lightfoot, Associate Professor of Otolaryngology and Director of Speech and Hearing Center.....	AY	12 600
4. Frederic J. Pollock, Associate Professor.....	AY50	6 300
5. Emanuel M. Skolnik, Associate Professor.....	ZAY50	5 100
(Total Salary)		(7 100)
6. Burton J. Soboroff, Associate Professor.....	AY50	5 550
7. ———, Associate Professor of Audiology.....	DY	9 150
8. Richard A. Buckingham, Clinical Assistant Professor..	BY45	4 250
9. Charles R. Elliott, Assistant Professor.....	ZBY	.....
10. Arthur Loewy, Assistant Professor.....	BY50	4 600
11. John M. McCauley, Assistant Professor of Clinical Psychology	BY	7 450
12. William H. Plotkin, Assistant Professor of Clinical Speech	BY	7 450
13. ———, Assistant Professor of Speech.....	BY	8 000
(Handicapped Children's Center)		
14. Virginia A. Breed, Instructor in Audiology.....	DY	6 350
15. Edward K. Elliott, Instructor in Clinical Speech.....	DY10	800

Nonacademic Salaries	47 600
<i>Total, Salaries</i>	(147 300)
Wages.....	600
Expense	9 400
Equipment	1 000
<i>Total, Wages, Expense, and Equipment</i>	(11 000)
<i>Total, Otolaryngology</i>	\$158 300

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE B1711C1

Account Number 55-49-06

1. Nicholas Torok, Clinical Assistant Professor..... DY20 \$ 2 000

TRUST — U.S. PUBLIC HEALTH SERVICE C7630C11 —

CANCER TRAINING

Account Number 55-65-16

1. Joseph G. Schoolman, Clinical Associate Professor.... AY35 \$ 3 000

Pathology

Account Number 05-12-60

1. Cecil A. Krakower, Professor and Head of Department	ZAY	\$ 25 000
2. Granville A. Bennett, Professor.....	ZAY	.....
3. John B. Fuller, Professor.....	ZAY	18 700
4. S. A. Levinson, Professor, <i>Emeritus</i>	R	.....
5. George Milles, Professor.....	A20	3 000
6. Conrad L. Pirani, Professor.....	ZAY	19 300
7. Joseph P. Weinmann, Professor.....	ZAY	.....
8. _____, Professor.....	AY10	1 200
9. H. R. Catchpole, Research Associate Professor.....	AY	12 050
10. Elizabeth A. McGrew, Associate Professor.....	ZAY	15 600
11. Alexander J. Nedzel, Associate Professor, <i>Emeritus</i> ..	R	.....
12. Donald R. Russ, Associate Professor.....	ZAY	15 600
13. Martin Swerdlow, Associate Professor.....	ZAY	15 600
14. Pietro U. Capurro, Assistant Professor.....	ZBY	12 600
15. Esther L. Cheate, Assistant Professor.....	ZBY	13 000
16. Ruth Wong, Assistant Professor.....	BY	13 000
17. _____, Assistant Professor.....	BY	10 600
18. _____, Assistant Professor.....	DY	8 500
19. Seymour Greenspon, Research Associate.....	DY	9 000
20. _____, Instructor.....	ZDY	7 600

Nonacademic Salaries

Total, Salaries (237 088)

Wages..... 3 200

Wages, Undergraduate Lecturers..... 5 000

Expense..... 8 300

Equipment..... 1 650

Total, Wages, Expense, and Equipment..... (18 150)*Total, Pathology* \$255 238**Cooperative Investigations**

TRUST — U.S. PUBLIC HEALTH SERVICE HT300C10

Account Number 55-15-26

1. Otto Saphir, Clinical Professor..... DY10 \$ 1 200

Pediatrics

Account Number 05-12-63

1. Heyworth N. Sanford, Professor and Head of Department.....	AY	\$ 24 200
2. I. Pat Bronstein, Professor.....	AY70	10 500
3. Ralph Spaeth, Clinical Professor.....	AY35	3 200
4. Edward F. Lis, Associate Professor.....	ZAY	.....
5. Ira M. Rosenthal, Associate Professor.....	AY	15 000
6. Anne Bohning, Assistant Professor, <i>Emerita</i>	R	.....
7. Andre Chabot, Assistant Professor.....	BY	7 350
8. John S. Hyde, Assistant Professor.....	BY50	4 400
9. Melvin A. Krugly, Assistant Professor.....	BY50	4 000
10. Michael Limosani, Clinical Assistant Professor.....	BY40	3 000
11. Kareem B. Minhas, Assistant Professor.....	BY	10 000
12. Nerissa P. Singh, Assistant Professor.....	BY50	4 100
13. Luis Trevino, Assistant Professor.....	ZBY60	4 700
(Total Salary)		(7 850)
(Handicapped Children's Center — 40 per cent)		

14. Marianne Budzeika, Instructor.....	DY50	2 750
15. Mary F. Graham, Instructor.....	ZDY50	3 500
(Total Salary)		(4 650)
16. Dolores E. Knoblock, Clinical Instructor.....	DY32	2 000
17. Rute Medenis, Instructor.....	DY	5 500
18. Isidro L. Perez, Clinical Instructor.....	DY	1 170
19. Henrietta K. Sachs, Instructor.....	DY	5 500
20. _____, Instructor	DY75	4 125
21. Gertrude Asrow, Research Assistant.....	DY	6 800
22. 0.45 Full Time Equivalent Assistants.....	DY	2 225
Nonacademic Salaries		5 700
Total, Salaries		(129 720)
Wages.....		2 200
Expense		7 700
Equipment		1 060
Total, Wages, Expense, and Equipment.....		(10 960)
Total, Pediatrics		\$140 680

Cooperative Investigations

TRUST — STATE DEPARTMENT OF PUBLIC WELFARE —

PSYCHOSOMATIC DIFFERENTIATION IN INFANTS

Account Number 55-60-05

1. Mary F. Graham, Instructor.....	ZDY20	\$ 1 150
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Pharmacology

Account Number 05-12-66

1. Klaus R. Unna, Professor and Head of Department...	AY	\$ 19 500
2. Harris Busch, Professor.....	AY	13 400
3. W. J. R. Camp, Professor of Pharmacology and Toxicology and State Toxicologist.....	AY	14 000
4. H. A. McGuigan, Professor, <i>Emeritus</i>	R	.....
5. T. R. Sherrod, Professor.....	AY	13 400
6. Cedric M. Smith, Associate Professor.....	A	11 000
7. Laszlo Gyermek, Assistant Professor.....	B	8 500
8. Xenia Machne, Assistant Professor.....	B	8 500
9. _____, Assistant Professor.....	B	8 500
10. Joy Paul David, Instructor.....	DY	7 300
11. 1.00 Full Time Equivalent Assistants.....	E	3 850
Nonacademic Salaries		26 266
Total, Salaries		(134 216)
Wages.....		500
Expense, Pharmacology		13 000
Expense, Toxicology		1 100
Equipment, Pharmacology		1 670
Total, Wages, Expense, and Equipment.....		(16 270)
Total, Pharmacology		\$150 486

Toxicology Revolving

Account Number 07-12-15

1. 0.75 Full Time Equivalent Assistants.....	E	\$ 3 300
Wages.....		1 200
Expense		3 500
Total, Toxicology Revolving.....		\$ 8 000

Cooperative Investigations

TRUST — AMERICAN CANCER SOCIETY

Account Number 50-45-18

1. Paul Bijvoet, Research Associate.....	DY	\$ 7 700
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Physical Medicine and Rehabilitation

Account Number 05-12-72

1. David I. Abramson, Professor and Head of Department	ZAY80	\$ 15 400
2. Edward E. Gordon, Clinical Associate Professor.....	AY10	1 154

3. Clara J. Fleischer, Assistant Professor.....	ZBY90	12 140
4. Diana R. Scamman, Assistant (Handicapped Children's Center).....	DY	5 670
5. Agenor M. Zayas, Assistant.....	DY	5 076
Nonacademic Salaries		10 002
<i>Total, Salaries</i>		(49 442)
Expense		2 100
Equipment		600
<i>Total, Wages, Expense, and Equipment</i>		(2 700)
<i>Total, Physical Medicine and Rehabilitation</i>		\$ 52 142

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE H2568C3

Account Number 55-52-08

1. Sammie Tuck, Jr., Research Assistant.....	DY	\$ 5 300
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Physiology

Account Number 05-12-75

1. Arnold Veryl Wolf, Professor and Head of Department	AY	\$ 19 500
2. R. C. Ingraham, Professor.....	AY	14 800
3. John P. Marbarger, Professor.....	ZAY	.....
4. C. I. Reed, Professor, <i>Emeritus</i>	R	.....
5. William Whitehorn, Professor.....	AY	15 250
6. Norman R. Alpert, Associate Professor.....	A	10 850
7. Ruven Greenberg, Associate Professor.....	AY	13 660
8. Akira Omachi, Associate Professor.....	AY	11 250
9. Robert Macey, Assistant Professor.....	BY	9 800
10. Sabath F. Marotta, Assistant Professor.....	ZBY	.....
11. Frank E. South, Jr., Assistant Professor.....	BY	11 200
12. J. Langdon Taylor, Assistant Professor.....	BY	8 100
13. Henry Tedeschi, Assistant Professor.....	BY	8 100
14. William C. Dolowy, Instructor.....	ZDY	.....
15. Arthur Grimm, Instructor.....	D	6 900
16. 4.00 Full Time Equivalent Assistants.....	E	15 800
Nonacademic Salaries		39 108
<i>Total, Salaries</i>		(184 318)
Wages.....		2 000
Expense		23 200
Equipment		1 700
<i>Total, Wages, Expense, and Equipment</i>		(26 900)
<i>Total, Physiology</i>		\$211 218

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	\$ 20 700
2. Adrian M. Ostfeld, Associate Professor.....	AY	14 000
3. Sol Roy Rosenthal, Associate Professor.....	ZAY	.....
4. Walter S. Wood, Assistant Professor.....	BY50	4 700
5. _____, Assistant Professor.....	DY	11 000
Nonacademic Salaries		5 100
<i>Total, Salaries</i>		(55 500)
Wages.....		700
Expense		2 500
Equipment		300
<i>Total, Wages, Expense, and Equipment</i>		(3 500)
<i>Total, Preventive Medicine</i>		\$ 59 000

Cooperative Investigations**TRUST — NATIONAL FOUNDATION FOR INFANTILE PARALYSIS —
RESPIRATORY POLIO**

Account Number 50-52-55

1. George A. Saxton, Director of Research, in the Respiratory Center, with rank of Associate Professor...	ZDY50	\$ 7 350
2. Benjamin M. Hair, Assistant Professor.....	DY80	12 800
<i>Total, Trust — National Foundation for Infantile Paralysis — Respiratory Polio</i>		<i>\$ 20 150</i>

TRUST — UPJOHN COMPANY

Account Number 50-52-75

1. Hyman Mackler, Research Associate.....	DY50	\$ 4 500
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TRUST — U.S. PUBLIC HEALTH SERVICE B1693C1

Account Number 55-57-11

1. Edith C. Dougherty, Research Assistant.....	DY	\$ 5 200
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TRUST — U.S. PUBLIC HEALTH SERVICE E2613C1

Account Number 55-57-15

1. V. Kriauciunaite, Research Assistant.....	DY	\$ 4 800
2. Jeannette Norsen, Research Assistant.....	DY	5 800
<i>Total, Trust — U.S. Public Health Service E2613C1..</i>		<i>\$ 10 600</i>

Psychiatry

Account Number 05-12-81

1. Francis J. Gerty, Professor and Head of Department..	AY66	\$ 15 400
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	7 000
5. Hugh T. Carmichael, Clinical Professor.....	AY25	4 150
(On leave without pay September-December, 1960)		
6. Alexander Geiger, Professor of Neurophysics.....	AY	11 400
7. Ernest A. Haggard, Professor of Psychology.....	AY	12 500
8. Irene Josselyn, Clinical Professor.....	AY25	3 800
9. L. J. Meduna, Professor.....	AY53	5 900
10. George Mohr, Clinical Professor, <i>Emeritus</i>	R	.....
11. Irene Sherman, Clinical Associate Professor, <i>Emerita</i> ..	R	.....
12. Lucia E. Tower, Clinical Professor.....	AY25	3 800
13. Leo G. Abood, Associate Professor of Neurophysics..	ZAY90	10 300
(Total Salary)		(11 450)
14. Peter Giovacchini, Clinical Associate Professor.....	AY25	3 000
15. Kalman Gyarfás, Associate Professor.....	AY70	10 100
16. Joel S. Handler, Clinical Associate Professor.....	AY35	4 600
17. Kyozo Koketsu, Associate Professor of Neurophysics	AY	9 500
18. Paul E. Nielson, Associate Professor.....	AY	14 000
19. George H. Pollock, Clinical Associate Professor.....	AY25	2 800
20. Alan K. Rosenwald, Associate Professor of Psychology in Psychiatry and Psychology.....	AY	11 500
21. Orville S. Walters, Lecturer in Psychiatry with rank of Associate Professor.....	ZAY	.....
22. Sol Altschul, Clinical Assistant Professor.....	BY25	2 750
23. Seymour Chaplik, Clinical Assistant Professor.....	BY35	4 150
24. Patrick Israel, Assistant Professor.....	BY50	6 200
25. Robert S. Levine, Assistant Professor.....	BY50	6 200
26. John Loesch, Assistant Professor.....	BY55	6 300
(Effective July 1, 1960)		
27. Clifton C. Rhead, Clinical Assistant Professor.....	ZBY	.....
28. Aubrey L. Ruess, Assistant Professor of Psychology..	BY	8 800
(Handicapped Children's Center)		
29. Harold M. Visotsky, Clinical Assistant Professor.....	BY20	2 100
30. ———, Assistant Professor.....	BY80	9 000

31. Garth Smith, Instructor.....	ZDY40	3 000
(Total Salary)		(4 500)
32. Edward M. Wasserman, Instructor.....	DY50	5 600
Nonacademic Salaries		69 980
<i>Total, Salaries</i>		(253 830)
Wages.....		2 000
Expense		12 500
Equipment		1 000
<i>Total, Wages, Expense, and Equipment</i>		(15 500)
<i>Total, Psychiatry</i>		\$269 330

Cooperative Investigations**TRUST — NATIONAL MULTIPLE SCLEROSIS FOUNDATION**

Account Number 50-54-43

1. Bernard Gothelf, Research Assistant.....	DY	\$ 5 600
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TRUST — U.S. PUBLIC HEALTH SERVICE M2302C1

Account Number 55-57-06

1. Binyamin Lebovits, Research Associate.....	DY20	\$ 1 800
2. Richard R. Rosman, Research Associate.....	DY	8 000
<i>Total, Trust — U.S. Public Health Service M2302C1..</i>		\$ 9 800

**TRUST — STATE DEPARTMENT OF PUBLIC WELFARE —
NEURON STUDY**

Account Number 55-60-01

1. Ruth Geiger, Research Associate.....	DY	\$ 10 000
2. Mary E. Stewart, Research Assistant.....	DY	6 000
<i>Total, Trust — State Department of Public Welfare — Neuron Study</i>		\$ 16 000

TRUST — STATE DEPARTMENT OF PUBLIC WELFARE

Account Number 55-60-10

1. John H. Biel, Lecturer with rank of Assistant Professor	DY15	\$ 1 800
2. Ikuko Koyama, Research Assistant.....	DY	5 000
<i>Total, Trust — State Department of Public Welfare..</i>		\$ 6 800

TRUST — STATE DEPARTMENT OF PUBLIC WELFARE

Account Number 55-60-12

1. Julia T. Apter, Research Associate.....	ZDY35	\$ 4 000
(Total Salary)		(11 500)

TRUST — U.S. PUBLIC HEALTH SERVICE 3B413C6

Account Number 55-60-16

1. Iris M. Barbato, Research Associate.....	DY	\$ 7 000
2. George Gombos, Research Associate.....	DY	6 300
3. Virginia Aguilar, Research Assistant.....	DY	4 800
4. William Scruggs, Research Assistant.....	DY	5 300
5. Greene R. Whitney, Research Assistant.....	DY	4 800
<i>Total, Trust — U.S. Public Health Service 3B413C6</i>		\$ 28 200

TRUST — U.S. PUBLIC HEALTH SERVICE B1650C1

Account Number 55-60-21

1. Shigeru Miyamoto, Research Associate.....	DY	\$ 5 500
2. Kenichi Noda, Research Associate.....	DY	5 500
<i>Total, Trust — U.S. Public Health Service B1650C1..</i>		\$ 11 000

TRUST — U.S. PUBLIC HEALTH SERVICE B2708

Account Number 55-60-36

1. Julia T. Apter, Research Associate.....	ZDY65	\$ 7 500
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TRUST — U.S. NONR 145903

Account Number 55-60-40

1. Libero Barbato, Research Associate.....	DY	\$ 7 000
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TRUST—U.S. PUBLIC HEALTH SERVICE 7637C5

Account Number 55-60-55

1. Kenneth S. Isaacs, Research Associate.....	DY	\$ 10 400
2. Richard B. Shekelle, Research Associate.....	DY	8 000
<i>Total, Trust—U.S. Public Health Service 7637C5...</i>		<u>\$ 18 400</u>

TRUST—U.S. PUBLIC HEALTH SERVICE 2M6009C4

Account Number 55-60-89

1. Helen Beiser, Clinical Assistant Professor.....	DY ₂₅	\$ 3 000
2. Richard R. Bolin, Instructor.....	DY ₅₀	5 600
3. James Ginsberg, Clinical Instructor.....	DY ₄₀	4 000
4. Jack Saporta, Instructor of Psychology.....	DY	6 600
5. Garth Smith, Instructor.....	ZDY ₂₀	1 500
<i>Total, Trust—U.S. Public Health Service 2M6009C4</i>		<u>\$ 20 700</u>

Trust—Indirect Costs

Account Number 56-52-05

1. Oscar F. Davis, Research Assistant.....	DY	\$ 4 700
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Public Health

Account Number 05-12-82

1. Howard Shaughnessy, Professor and Head of Department.....	AY ₈₀	\$ 16 700
(Also paid \$3,336 by State Department of Public Health)		
2. Herbert C. Batson, Professor of Biostatistics.....	AY	15 750
<i>Total, Salaries</i>		(32 450)
Wages.....		100
Expense.....		1 500
Equipment.....		1 200
<i>Total, Wages, Expense, and Equipment</i>		(2 800)
<i>Total, Public Health</i>		<u>\$ 35 250</u>

Radiology

Account Number 05-12-84

1. Roger A. Harvey, Professor and Head of Department	ZAY	\$ 25 200
2. T. J. Wachowski, Clinical Professor.....	ZAY ₁₅	1 800
3. David J. Lochman, Associate Professor.....	ZAY ₃₃	4 400
4. Walter S. Moos, Associate Professor and Radiation Physicist.....	AY	13 600
5. Arthur S. Petersen, Associate Professor.....	ZAY ₄₀	4 400
6. Bernard Baker, Clinical Assistant Professor.....	ZBY ₁₂	1 200
7. Edwin J. Liebner, Assistant Professor.....	ZBY	14 450
8. Myron Melamed, Clinical Assistant Professor.....	ZBY ₂₅	3 000
9. Anton M. Pantone, Clinical Assistant Professor.....	ZBY ₂₅	3 000
10. Virginia Patterson, Assistant Professor.....	BY	12 000
11. Glen Sandberg, Assistant Professor.....	BY	7 350
12. Enrique Schwarz, Assistant Professor.....	BY	14 200
13. Charles F. Whitney, Clinical Assistant Professor.....	BY ₁₀	1 200
14. Richard E. Haas, Instructor.....	DY	7 500
15. Thomas S. Houser, Instructor.....	DY	8 000
16. Edmund Ringus, Clinical Instructor.....	DY ₂₅	2 100
Nonacademic Salaries		15 430
<i>Total, Salaries</i>		(138 830)
Wages.....		2 500
Expense, Radiology		2 200
Expense, Radiology Betatron.....		5 600
Equipment, Radiology		700
Equipment, Radiology Betatron.....		3 000
<i>Total, Wages, Expense, and Equipment</i>		(14 000)
<i>Total, Radiology</i>		<u>\$152 830</u>

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE C13426C2

Account Number 55-62-07

1. J. W. Yusken, Research Associate..... DY \$ 7 000

Surgery

Account Number 05-12-90

1. Warren H. Cole, Professor and Head of Department..	ZAY	\$ 25 700
2. Axel G. Anderson, Clinical Professor.....	ZAY	.....
3. Reuben C. Balagot, Clinical Professor of Anesthesiology	ZAY45	6 250
4. Ormand C. Julian, Professor.....	ZAY27	4 050
(Total Salary)		(8 420)
5. Joseph H. Kiefer, Professor of Urology.....	AY50	5 500
6. Ernst Trier Morch, Clinical Professor of Anesthesi-		
ology.....	AY25	3 000
7. Eli Olech, Clinical Professor.....	ZAY	.....
8. C. B. Puestow, Clinical Professor.....	AY25	3 650
9. J. T. Reynolds, Clinical Professor.....	AY15	2 170
10. Max S. Sadove, Professor of Anesthesiology.....	ZAY90	20 000
11. Danely P. Slaughter, Clinical Professor.....	ZAY45	4 700
12. Geza de Takats, Clinical Professor.....	AY25	3 900
13. Willard Van Hazel, Clinical Professor.....	AY20	2 850
14. Thomas K. Barber, Clinical Associate Professor.....	ZAY	.....
15. Tilden C. Everson, Clinical Associate Professor.....	AY25	3 600
16. William J. Grove, Associate Professor.....	AY	18 100
17. R. D. Herrold, Clinical Associate Professor, <i>Emeritus</i>	R	.....
18. Hushang Javid, Clinical Associate Professor.....	AY30	3 070
19. Daniel M. Laskin, Clinical Associate Professor.....	ZAY	.....
20. Gerald O. McDonald, Associate Professor.....	AY90	10 000
21. James H. McDonald, Associate Professor of Urology	AY05	13 550
22. W. H. Requarth, Clinical Associate Professor.....	AY15	1 650
23. Irwin B. Robinson, Clinical Associate Professor.....	ZAY	.....
24. John H. Schneewind, Associate Professor.....	ZAY50	6 350
25. Robert A. Atterbury, Clinical Assistant Professor...	ZBY	.....
26. John W. Curtin, Clinical Assistant Professor.....	ZBY	.....
27. Edson F. Fowler, Clinical Assistant Professor.....	BY30	2 900
28. George D. Kaiser, Clinical Assistant Professor.....	BY35	3 000
29. Keith Medley, Assistant Professor of Anesthesiology..	BY	9 550
30. Lawrence Peterson, Clinical Assistant Professor.....	BY25	1 900
31. Elaine A. Stuebner, Clinical Assistant Professor.....	ZBY	.....
32. Mustafa Kemal Yon, Assistant Professor of Anesthesi-		
ology.....	BY95	11 040
33. ———, Assistant Professor of Anesthesiology...	DY75	10 200
34. ———, Assistant Professor.....	DY40	5 500
35. ———, Clinical Assistant Professor.....	DY30	2 400
36. 0.35 Full Time Equivalent Assistants.....	DY	1 810
Nonacademic Salaries		36 618
Total, Salaries		(223 008)
Wages.....		3 500
Expense		20 000
Equipment.....		2 500
Total, Wages, Expense, and Equipment.....		(26 000)
Total, Surgery		\$249 008

Cooperative Investigations

TRUST — AMERICAN CANCER SOCIETY — TISSUE CULTURE

Account Number 50-57-04

1. Paul Y. Chan, Instructor..... DY70 \$ 4 300

TRUST — U.S. PUBLIC HEALTH SERVICE HT300C10

Account Number 55-15-24

1. Ormand C. Julian, Professor..... ZAY43 \$ 4 370

TRUST — U.S. PUBLIC HEALTH SERVICE CT630C11 —
CANCER TRAINING

Account Number 55-65-16

1. James D. Majarakis, Clinical Assistant Professor..... DY40 \$ 3 000

TRUST — U.S. PUBLIC HEALTH SERVICE 3045C2

Account Number 55-65-42

1. Belio M. Lopez, Assistant Professor..... DY80 \$ 6 900

TRUST — U.S. PUBLIC HEALTH SERVICE 3157C3

Account Number 55-65-48

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 3157C3.. \$ 9 000

TRUST — U.S. PUBLIC HEALTH SERVICE CY3482C2

Account Number 55-65-52

1. Frederic de Peyster, Clinical Associate Professor..... AY33 \$ 3 100

TRUST — U.S. PUBLIC HEALTH SERVICE CY3551C2

Account Number 55-65-57

1. Francis W. Strehl, Instructor..... DY50 \$ 3 000

COLLEGE OF DENTISTRY

General

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Administration.....	\$ 53 560	\$ 15 993	\$ 69 553
Postgraduate Studies.....	16 335	2 770	19 105
Admitting Clinic.....	43 105	1 650	44 755
Applied Materia Medica and Therapeutics....	112 170	4 650	116 820
Crowns and Fixed Partial Dentures.....	64 410	3 035	67 445
Dental Clinics.....	40 470	48 302	88 772
Full and Removable Partial Dentures.....	70 720	4 180	74 900
Histology.....	94 180	6 200	100 380
Operative Dentistry.....	80 420	2 300	82 720
Oral and Maxillofacial Surgery.....	62 760	4 950	67 710
Oral Pathology.....	46 145	5 000	51 145
Orthodontics.....	53 480	9 850	63 330
Pedodontics.....	61 550	5 450	67 000
Radiology.....	44 827	8 980	53 807
<i>Total, General.....</i>	<i>\$844 132</i>	<i>\$123 310</i>	<i>\$967 442</i>

Restricted

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Estimated U.S. Contracts.....	\$ 30 000	\$ 20 000	\$ 50 000
<i>Organized Research</i>			
Estimated Indirect Costs.....		4 000	4 000
Estimated Private Gifts.....	15 000	15 000	30 000
Estimated U.S. Contracts.....	90 000	70 000	160 000
<i>Total, Organized Research.....</i>	<i>(105 000)</i>	<i>(89 000)</i>	<i>(194 000)</i>
<i>Extension and Public Services</i>			
Postgraduate Extension Revolving.....		2 600	2 600
<i>Total, Restricted.....</i>	<i>\$135 000</i>	<i>\$111 600</i>	<i>\$246 600</i>

Administration

Account Number 05-15-01

1. Isaac Schour, Dean..... ZBY \$ 8 600
(Total Salary)..... (21 500)

2. Edward J. Forrest, Associate Dean..... ZBY90 14 940
(Total Salary)..... (16 600)

3. Nell S. Talbot, Assistant to Dean and Professor of Medical and Dental History, <i>Emerita</i>	R	.....
4. F. B. Noyes, Dean and Professor of Orthodontics, <i>Emeritus</i>	RA	.....
5. James L. Frank, Instructor.....	ZDY50	3 750
(Total Salary)		(7 500)
6. Gunther J. Kazalla, Instructor in Dentistry.....	DY50	3 500
Nonacademic Salaries		22 770
<i>Total, Salaries</i>		(53 560)
Wages.....		800
Expense		4 325
Contingent.....		7 243
Convention Travel		1 900
Equipment		1 725
<i>Total, Wages, Expense, and Equipment</i>		(15 993)
<i>Total, Administration</i>		\$ 69 553

Cooperative Investigations

TRUST — KELLOGG FOUNDATION

Account Number 50-58-20

1. Dennis Barber, Instructor in Operative Dentistry.....	ZDY45	\$ 3 500
(Total Salary)		(7 500)
2. James L. Frank, Instructor in Dentistry.....	ZDY50	3 750
(Total Salary)		(7 500)
3. Nicholas Simios, Instructor in Operative Dentistry....	DY50	3 500
4. Joseph Stachniak, Instructor in Crowns and Fixed Partial Dentures	ZDY50	3 500
<i>Total, Trust—Kellogg Foundation</i>		\$ 14 250

TRUST — U.S. PUBLIC HEALTH SERVICE D12C2

Account Number 55-73-07

1. Maury Massler, Professor and Head of Department of Pedodontics	ZAY20	\$ 3 400
(Total Salary)		(17 000)
2. Daniel M. Laskin, Professor of Oral Surgery.....	ZAY15	1 870
(Total Salary)		(7 500)
<i>Total, Trust—U.S. Public Health Service D12C2...</i>		\$ 5 270

Postgraduate Studies

Account Number 05-15-07

1. _____, Coordinator of Postgraduate Extension Programs.....	BY25	\$ 2 300
2. Robert G. Kesel, Lecturer.....	ZDY	250
(Total Salary)		(18 000)
3. W. H. Kubacki, Lecturer.....	ZDY	220
(Total Salary)		(18 500)
4. Maury Massler, Lecturer.....	ZDY	450
(Total Salary)		(17 000)
5. Joseph P. Weinmann, Lecturer.....	ZDY	475
(Total Salary)		(17 000)
6. Thomas K. Barber, Lecturer.....	ZDY	250
(Total Salary)		(11 500)
7. Samson S. Flores, Assistant Professor.....	ZBY25	2 250
(Total Salary)		(9 000)
Nonacademic Salaries		10 140
<i>Total, Salaries</i>		(16 335)
Honorarium for Special Teaching.....		1 000
Wages.....		50
Expense		1 220
Equipment		500
<i>Total, Wages, Expense, and Equipment</i>		(2 770)
<i>Total, Postgraduate Studies</i>		\$ 19 105

Postgraduate Extension Revolving

Account Number 07-15-97

Wages.....	\$ 100
Expense	2 500
<i>Total, Postgraduate Extension Revolving.....</i>	<u>\$ 2 600</u>

Admitting Clinic

Account Number 05-15-10

1. Arthur J. Skupa, Professor of Clinical Dentistry and Director of Patient Admissions.....	AY	\$ 14 500
2. Arthur Elfenbaum, Associate Professor, <i>Emeritus</i>	R	.....
3. Donald L. McElroy, Associate Professor of Clinical Dentistry	AY50	4 575
4. Harold A. Drummond, Assistant Professor of Clinical Dentistry	BY30	2 400
5. Lester Jacobs, Assistant Professor of Clinical Dentistry	BY60	4 800
6. Herbert Hazelkorn, Instructor in Clinical Dentistry...	DY40	3 000
Nonacademic Salaries		13 830
<i>Total, Salaries</i>		(43 105)
Wages.....		200
Expense		1 350
Equipment.....		100
<i>Total, Wages, Expense, and Equipment.....</i>		<u>(1 650)</u>
<i>Total, Admitting Clinic.....</i>		<u>\$ 44 755</u>

Applied Materia Medica and Therapeutics

Account Number 05-15-15

1. Robert G. Kesel, Professor and Head of Department..	ZAY	\$ 17 750
(Total Salary)		(18 000)
2. E. A. Jasper, Professor.....	AY67	7 700
3. Charles G. Maurice, Professor.....	AY80	10 800
4. Donald A. Wallace, Professor.....	AY	14 500
5. Harold R. Englander, Associate Professor.....	AY	12 000
6. M. F. Grunwald, Associate Professor.....	AY20	2 300
7. Bennett Klavan, Associate Professor.....	AY50	4 750
8. E. C. Wach, Associate Professor, <i>Emeritus</i>	R	.....
9. Anita M. Ellingson, Assistant Professor.....	BY	7 350
10. Harry R. Shepard, Assistant Professor.....	BY40	3 200
11. William Starek, Assistant Professor of Dentistry.....	BY20	1 800
12. Gordon L. Stastny, Assistant Professor.....	BY50	4 250
13. Masaro Harada, Instructor.....	DY40	2 800
14. Nijole Salkauskas, Instructor.....	DY50	3 500
Nonacademic Salaries		19 470
<i>Total, Salaries</i>		(112 170)
Wages.....		1 200
Expense		3 050
Equipment.....		400
<i>Total, Wages, Expense, and Equipment.....</i>		<u>(4 650)</u>
<i>Total, Applied Materia Medica and Therapeutics.....</i>		<u>\$116 820</u>

Crowns and Fixed Partial Dentures

Account Number 05-15-20

1. Stanley D. Tylman, Professor and Head of Department	AY	\$ 17 500
2. Fred N. Bazola, Professor.....	AY60	7 200
3. F. X. Pelka, Assistant Professor.....	BY50	4 750
4. Joseph Matuga, Instructor.....	DY50	3 500
5. Boleslaw Mazur, Instructor.....	DY	7 500
6. Roland Rudnick, Instructor.....	DY	7 500
7. Joseph J. Stachniak, Instructor.....	ZDY50	3 500
(Total Salary)		(7 000)
8. Walter J. Syms, Instructor.....	DY50	3 750

Nonacademic Salaries	9 210
<i>Total, Salaries</i>	(64 410)
Wages.....	1 085
Expense	1 750
Equipment	200
<i>Total, Wages, Expense, and Equipment</i>	(3 035)
<i>Total, Crowns and Fixed Partial Dentures</i>	\$ 67 445

Dental Clinics

Account Number 05-15-25		
1. W. H. Kubacki, Director.....	ZBY	.....
Nonacademic Salaries		\$ 40 470
<i>Total, Salaries</i>		(40 470)
Wages.....		1 000
Expense, Dental Clinics.....		13 127
Expense, Full and Removable Partial Dentures.....		11 625
Expense, Crowns and Fixed Partial Dentures.....		8 675
Expense, Operative Dentistry.....		7 875
Expense, Applied Materia Medica and Therapeutics.....		3 550
Equipment, Dental Clinics.....		500
Equipment, Full and Removable Partial Dentures.....		400
Equipment, Crowns and Fixed Partial Dentures.....		1 000
Equipment, Operative Dentistry.....		300
Equipment, Applied Materia Medica and Therapeutics.....		250
<i>Total, Wages, Expense, and Equipment</i>		(48 302)
<i>Total, Dental Clinics</i>		\$ 88 772

Full and Removable Partial Dentures

Account Number 05-15-55		
1. W. H. Kubacki, Professor and Head of Department..	ZAY	\$ 18 280
(Total Salary)		(18 500)
2. Robert B. Underwood, Associate Professor.....	AY ₄₀	4 200
3. Samson S. Flores, Assistant Professor.....	ZBY ₇₅	6 750
(Total Salary)		(9 000)
4. Dale M. Lipe, Assistant Professor.....	BY ₅₀	4 000
5. Pedro A. Guevara, Jr., Instructor.....	ZDY ₉₀	6 750
(Total Salary)		(7 500)
6. Allen Rosenberg, Instructor.....	DY ₃₀	2 250
7. William L. Smith, Instructor.....	DY ₃₀	2 100
8. Vincent Urbanek, Instructor.....	DY ₅₀	3 750
9. _____, Instructor	DY ₅₀	3 500
Nonacademic Salaries		19 140
<i>Total, Salaries</i>		(70 720)
Wages.....		1 680
Expense		2 200
Equipment		300
<i>Total, Wages, Expense, and Equipment</i>		(4 180)
<i>Total, Full and Removable Partial Dentures</i>		\$ 74 900

Histology

Account Number 05-15-60		
1. Isaac Schour, Professor and Head of Department.....	ZAY	\$ 12 900
(Total Salary)		(21 500)
2. E. Lloyd DuBrul, Professor of Oral Anatomy.....	ZAY	11 500
3. James A. Gagnon, Associate Professor of Oral Anat-		
omy	ZAY ₆₀	6 300
(Total Salary)		(10 500)
4. Roy Gillette, Associate Professor.....	AY	10 700
5. Verda E. James, Associate Professor.....	AY	11 750
6. James A. Yaeger, Assistant Professor.....	ZBY ₅₅	5 200
(Total Salary)		(9 500)
7. Richard L. Hoffman, Instructor.....	DY ₆₀	4 800

Nonacademic Salaries	31 030
<i>Total, Salaries</i>	(94 180)
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>	\$100 380

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE CT633C11

Account Number 55-75-36

1. Eli Olech, Professor of Oral Surgery.....	ZAY10	\$ 1 150
(Total Salary)		(6 900)

TRUST — U.S. PUBLIC HEALTH SERVICE A3220

Account Number 55-80-50

1. James A. Yaeger, Assistant Professor.....	ZBY45	\$ 4 300
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Operative Dentistry

Account Number 05-15-75

1. John M. Spence, Professor and Head of Department..	AY	\$ 16 500
2. Theodore B. Kurtz, Professor.....	AY	12 500
3. James A. Gagnon, Associate Professor.....	ZAY40	4 200
(Total Salary)		(10 500)
4. Margot Ulloa, Associate Professor.....	AY60	7 500
5. Mack C. Tanner, Assistant Professor.....	BY30	2 550
6. Marvin B. Weiss, Assistant Professor.....	ZBY80	8 400
(Total Salary)		(10 500)
7. Jerry F. Balaty, Instructor.....	DY50	3 750
8. Dennis Barber, Instructor.....	ZDY55	4 000
(Total Salary)		(7 500)
9. Jules Berman, Instructor.....	DY20	1 500
10. Charles F. Hebling, Instructor.....	DY40	3 000
11. Walter A. Sperry, Instructor.....	DY40	3 100
12. William Venema, Instructor.....	DY40	2 800
13. ———, Instructor	DY20	1 350
Nonacademic Salaries		9 270
<i>Total, Salaries</i>		(80 420)
Wages.....		300
Expense		1 700
Equipment		300
<i>Total, Wages, Expense, and Equipment</i>		(2 300)
<i>Total, Operative Dentistry</i>		\$ 82 720

Oral and Maxillofacial Surgery

Account Number 05-15-80

1. Axel G. Anderson, Professor and Head of Department	ZAY	\$ 16 000
2. Daniel M. Laskin, Professor.....	ZAY45	5 630
(Total Salary)		(7 500)
3. Eli Olech, Professor and Director of Minor Oral Surgery.....	ZAY50	5 750
(Total Salary)		(6 900)
4. Irwin B. Robinson, Associate Professor.....	ZAY50	4 750
5. Robert A. Atterbury, Assistant Professor.....	ZBY5	370
6. Elaine A. Stuebner, Assistant Professor of Oral Surgery	ZBY80	6 800
7. Edward B. Stewart, Instructor in Oral Surgery.....	DY30	1 800
Nonacademic Salaries		21 660
<i>Total, Salaries</i>		(62 760)
Wages.....		300

Expense	4 250
Equipment	400
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(4 950)</i>
<i>Total, Oral and Maxillofacial Surgery.....</i>	<i>\$ 67 710</i>

Oral Pathology

Account Number 05-15-86	
1. Joseph P. Weinmann, Professor and Head of Division ZAY	\$ 16 525
(Total Salary)	(17 000)
2. Nicholas G. Grand, Associate Professor..... ZAY84	10 080
(Total Salary)	(12 000)
3. Herman Medak, Assistant Professor..... BY50	4 500
4. Stanley Jay Gerson, Instructor..... DY	7 750
Nonacademic Salaries	7 290
<i>Total, Salaries</i>	<i>(46 145)</i>
Wages.....	300
Expense	4 000
Equipment	700
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(5 000)</i>
<i>Total, Oral Pathology.....</i>	<i>\$ 51 145</i>

Cooperative Investigations

TRUST — UNIVERSITY OF ILLINOIS FOUNDATION —
DENTAL INCOME

Account Number 50-58-80

1. Marvin Weiss, Assistant Professor of Operative Dentistry..... ZBY20	\$ 2 100
(Total Salary)	(10 500)

TRUST — U.S. PUBLIC HEALTH SERVICE D658C2

Account Number 55-80-12

1. Julia Meyer, Assistant Professor..... ZBY50	\$ 4 500
(Total Salary)	(9 000)
2. Amarjit S. Marwah, Instructor..... DY	6 600
<i>Total, Trust — U.S. Public Health Service D658C2..</i>	<i>\$ 11 100</i>

TRUST — U.S. PUBLIC HEALTH SERVICE C2705C3

Account Number 55-80-23

1. Nicholas G. Grand, Associate Professor..... ZAY16	\$ 1 920
2. Shu-Yung Wang, Research Associate..... DY75	5 940
<i>Total, Trust — U.S. Public Health Service C2705C3..</i>	<i>\$ 7 860</i>

TRUST — U.S. PUBLIC HEALTH SERVICE D513C2

Account Number 55-80-37

1. Julia Meyer, Assistant Professor..... ZBY50	\$ 4 500
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Orthodontics

Account Number 05-15-82

1. A. G. Brodie, Professor and Head of Department.... AY60	\$ 12 000
2. Milton B. Engel, Professor..... AY50	7 000
3. Edward J. Forrest, Professor..... ZAY10	1 660
(Total Salary)	(16 600)
4. Earl W. Renfro, Professor..... AY60	7 800
5. Samuel Pruzansky, Associate Professor..... ZAY11	1 320
(Total Salary)	(11 070)
6. Edward Prorok, Assistant Professor..... BY30	2 400
7. George Osterberger, Instructor..... DY30	2 400
8. Bernard Schneider, Instructor..... DY30	2 250
9. _____, Instructor	2 100
Nonacademic Salaries	14 550
<i>Total, Salaries</i>	<i>(53 480)</i>
Wages.....	300

Expense	9 050
Equipment	500
<i>Total, Wages, Expense, and Equipment</i>	(9 850)
<i>Total, Orthodontics</i>	<u>\$ 63 330</u>

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE D1064A

Account Number 55-48-10

1. Bernard L. Swoiskin, Instructor.....	DY20	\$ 1 500
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Pedodontics

Account Number 05-15-88

1. Maury Massler, Professor and Head of Department... (Total Salary)	ZAY80	\$ 13 150 (17 000)
2. Thomas K. Barber, Associate Professor..... (Total Salary)	ZAY	11 250 (11 500)
3. Elsie Gerlach, Superintendent of Children's Clinic and Associate Professor	AY	10 000
4. William J. Rogers, Assistant Professor.....	BY30	2 550
5. Marvin Kozlov, Instructor..... (Handicapped Children's Center — 20 per cent)	DY70	5 070
6. Aphrodite Pappas, Instructor.....	DY20	1 320
Nonacademic Salaries		18 210
<i>Total, Salaries</i>		(61 550)
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>\$ 67 000</u>

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE D1064

Account Number 55-48-10

1. A. M. Lauterstein, Research Associate.....	DY40	\$ 3 000
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Radiology

Account Number 05-15-90

1. S. H. Yale, Professor and Head of Department.....	AY	\$ 15 500
2. Henry Rosenberg, Assistant Professor..... (Total Salary)	ZBY40	4 000 (10 000)
Nonacademic Salaries		25 327
<i>Total, Salaries</i>		(44 827)
Wages.....		550
Expense		7 730
Equipment		700
<i>Total, Wages, Expense, and Equipment</i>		(8 980)
<i>Total, Radiology</i>		<u>\$ 53 807</u>

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE D360

Account Number 55-83-12

1. Seymour L. Gottlieb, Instructor.....	DY50	\$ 3 750
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TRUST — U.S. PUBLIC HEALTH SERVICE D950C1

Account Number 55-83-26

1. Michael A. Videka, Instructor.....	DY40	\$ 3 000
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TRUST — U.S. PUBLIC HEALTH SERVICE D973

Account Number 55-83-30

1. Henry Rosenberg, Assistant Professor.....	ZBY60	\$ 6 000
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2. Pedro A. Guevara, Jr., Instructor in Full and Removable Partial Dentures.....	ZDY10	750
(Total Salary)		(7 500)
3. Manuel C. Ceballos, Research Assistant.....	DY	5 600
<i>Total, Trust — U.S. Public Health Service D973.....</i>		<i>\$ 12 350</i>

COLLEGE OF PHARMACY

General

<i>Administration and General</i>	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
Administration.....	\$106 660	\$17 440	\$124 100
Chemistry.....	155 154	17 000	172 154
Pharmacognosy and Pharmacology.....	116 926	14 500	131 426
Pharmacy.....	106 210	9 500	115 710
<i>Total, General.....</i>	<i>\$484 950</i>	<i>\$58 440</i>	<i>\$543 390</i>

Restricted

<i>Organized Research</i>	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
Estimated Private Gifts.....		\$ 2 000	\$ 2 000
Estimated U.S. Contracts.....	\$2 000	10 000	12 000
<i>Total, Restricted.....</i>	<i>\$2 000</i>	<i>\$12 000</i>	<i>\$14 000</i>

Administration

Account Number 05-18-05			
1. George L. Webster, Dean.....	BY}	\$ 18 500	
Professor of Chemistry.....	AY}		
2. Conrad A. Blomquist, Assistant Dean.....	ZBY50	5 650	(11 300)
(Total Salary)			
3. Bernard H. Gold, Assistant Professor of Sociology and Psychology	B60	5 300	
4. Donald M. Martin, Assistant Professor of English....	B	7 600	
5. Martin M. Rosner, Assistant Professor of Pharmacy Administration.....	B	7 600	
6. Robert B. Scott, Assistant Professor of Pharmacy Administration.....	B50	4 100	
7. Samuel Shkolnik, Lecturer in Pharmaceutical Jurisprudence.....	D20	1 600	
8. Paul A. Oostmeyer, Instructor in English.....	D	5 200	
9. 7.00 Full Time Equivalent Assistants.....	E	26 600	
Nonacademic Salaries		24 510	
<i>Total, Salaries</i>		<i>(106 660)</i>	
Wages.....		540	
Expense, General		14 100	
Contingency.....		1 500	
Convention Travel		1 300	
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(17 440)</i>	
<i>Total, Administration</i>		<i>\$124 100</i>	

Chemistry

Account Number 05-18-10			
1. James E. Gearien, Professor and Head of Department	AY	\$ 15 000	
2. Ernst R. Kirch, Professor.....	AY	12 000	
3. Madeleine Barnothy, Associate Professor of Physics..	A	9 200	
4. Charles W. Clarke, Associate Professor.....	A	9 400	
5. Ralph Daniels, Associate Professor.....	A	9 900	
6. Norman R. Joseph, Associate Professor.....	A	8 400	
7. Alfred J. Perkins, Associate Professor.....	A	10 200	
8. Ludwig Bauer, Assistant Professor.....	B	8 600	
9. Charles L. Bell, Assistant Professor.....	B	7 400	
10. Dominick Coviello, Assistant Professor.....	B	7 400	

11. Rose Ann Grundman, Assistant Professor of Mathematics.....	B	7 500
12. Alfred C. Core, Instructor in Physics.....	D	5 400
13. Janet L. Fisher, Instructor in Mathematics.....	D	5 200
14. Alvin M. Galinsky, Instructor.....	D50	2 500
15. Bernard J. Kurtin, Instructor in Physics.....	D	6 200
16. Elwina Bejnarowicz, Assistant.....	E	3 800
17. ———, Assistant in Physics.....	E	3 800
18. 0.15 Full Time Equivalent Assistants.....	E	700
Nonacademic Salaries		22 554
<i>Total, Salaries</i>		(155 154)
Expense, General		17 000
<i>Total, Wages, Expense, and Equipment</i>		(17 000)
<i>Total, Chemistry</i>		\$172 154

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.....		\$ 15 000
2. P. D. Carpenter, Associate Professor of Zoology.....	A	8 600
3. Charles A. Reed, Associate Professor of Zoology.....	A	8 200
4. Conrad A. Blomquist, Assistant Professor of Zoology (Total Salary)	ZBY50	5 650 (11 300)
5. Allan M. Burkman, Assistant Professor of Pharmacology.....	B	8 200
6. Frank A. Crane, Assistant Professor of Pharmacognosy	BY	9 700
7. Bernard Greenberg, Assistant Professor of Zoology..	B	7 600
8. Ralph W. Morris, Assistant Professor of Pharmacology	B	9 000
9. Katsuyuki Yokoyama, Assistant Professor of Pharmacognosy.....	B	7 000
10. Aurelia M. Aro, Instructor in Pharmacognosy.....	D	5 200
11. S. J. Smolenski, Instructor in Pharmacognosy.....	DY	5 800
12. ———, Assistant in Zoology.....	E	3 800
Nonacademic Salaries		23 176
<i>Total, Salaries</i>		(116 926)
Expense, General		11 500
Expense, Drug and Horticultural Experiment Station.....		3 000
<i>Total, Wages, Expense, and Equipment</i>		(14 500)
<i>Total, Pharmacognosy and Pharmacology</i>		\$131 426

Pharmacy

Account Number 05-18-20

1. ———, Professor and Head of Department.....	AY	\$ 15 000
2. Dwight L. Deardorff, Professor of Manufacturing Pharmacy.....	AY	11 800
3. Ralph E. Terry, Professor, <i>Emeritus</i>	R	.....
4. ———, Professor	AY	13 000
5. Herbert M. Emig, Associate Professor.....	A	9 000
6. Jean M. Dunbar, Assistant Professor of Manufacturing Pharmacy (Total Salary)	ZBY30	2 550 (8 500)
7. Bernard Ecanow, Assistant Professor.....	B	8 200
8. Frederick Siegel, Assistant Professor.....	B	8 200
9. Stanley V. Susina, Assistant Professor.....	B	8 600
10. Helena Suen Fu, Instructor.....	D	5 100
11. Geraldine A. Martin, Assistant.....	E	3 800
12. Daniel A. Nona, Assistant.....	E	3 800
Nonacademic Salaries		17 160
<i>Total, Salaries</i>		(106 210)
Expense, General		9 500
<i>Total, Wages, Expense, and Equipment</i>		(9 500)
<i>Total, Pharmacy</i>		\$115 710

Stores — Hospital Pharmacy

Account Number 15-05-25

1. W. R. Collins, Chief Pharmacist and Instructor.....	DY	\$ 10 800
2. Ronald P. Betz, Assistant Chief Pharmacist.....	DY	7 000
3. Zinnia Cicenias, Assistant Chief Pharmacist.....	DY	7 000
4. Vernita Williams, Assistant Chief Pharmacist.....	DY	7 700
5. Jean M. Dunbar, Assistant Professor of Manufacturing Pharmacy	ZBY70	5 950
(Total Salary)		(8 500)
6. Angel Arambulo, Registered Pharmacist in Manufac- turing Pharmacy	DY75	4 800
7. Wilbert Billinger, Registered Pharmacist.....	DY	5 600
8. Lorraine Gribbens, Registered Pharmacist.....	DY	6 000
(On leave without pay)		
9. William F. Lau, Registered Pharmacist.....	DY	6 500
10. Eleanor A. Rurik, Registered Pharmacist.....	DY	6 500
11. Sheila Sarnat, Registered Pharmacist.....	DY	6 500
12. Casimer Wieczorek, Registered Pharmacist.....	DY	6 500
13. Silas S. Wood, Registered Pharmacist.....	DY	6 500
14. Frank T. Zaboretzky, Registered Pharmacist.....	DY	5 600
15. Beatriz Werwath, Research Assistant.....	DY	6 500
16. Alfred J. Lescher, Pharmacy Resident.....	DY50	1 500
(Perquisites University — room and board)		
17. Donald W. Vangor, Pharmacy Resident.....	DY60	1 800
(Perquisites University — room and board)		
Total, Stores — Hospital Pharmacy.....		<u>\$102 750</u>

Stores — Illinois Eye and Ear Infirmary Pharmacy

Account Number 15-05-28

1. John D. Breen, Registered Pharmacist.....	DY	\$ 6 500
2. Nancy Eisenbart, Registered Pharmacist in charge of Hospital Pharmacy	DY	<u>7 000</u>
Total, Stores — Illinois Eye and Ear Infirmary Phar- macy		<u>\$ 13 500</u>

GRADUATE COLLEGE**General**

	Salaries	Wages, Ex- pense, and Equipment	Total
<i>Instruction</i>			
Administration	\$ 7 830	\$ 1 000	\$ 8 830
<i>Organized Research</i>			
Special Graduate Research		20 000	20 000
<i>Student Aid</i>			
Fellowships.....		<u>20 000</u>	<u>20 000</u>
Total, General.....	<u>\$ 7 830</u>	<u>\$41 000</u>	<u>\$48 830</u>

Restricted

	Salaries	Wages, Ex- pense, and Equipment	Total
<i>Organized Research</i>			
Estimated Indirect Costs.....	<u>\$10 000</u>	<u>\$30 000</u>	<u>\$40 000</u>
Total, Restricted.....	<u>\$10 000</u>	<u>\$30 000</u>	<u>\$40 000</u>

Administration

Account Number 05-19-05

1. Milan V. Novak, Associate Dean.....	ZDY10	\$ 1 950
(Total Salary)		(19 500)
Nonacademic Salaries		5 880
Total, Salaries		(7 830)
Wages.....		100
Expense		900
Total, Wages, Expense, and Equipment.....		<u>(1 000)</u>
Total, Administration		<u>\$ 8 830</u>

Special Graduate Research

Account Number 05-19-25	
Expense	\$ 20 000
<i>Total, Special Graduate Research</i>	<u>\$ 20 000</u>

Fellowships

Account Number 05-19-50	
Stipends of Fellows	\$ 20 000
<i>Total, Graduate Fellowships</i>	<u>\$ 20 000</u>

COLLEGE OF NURSING

Account Number 05-21-05		
1. Emily C. Cardew, Dean	BY}	
Associate Professor	AY}	\$ 14 750
2. Mary Sue Evitts, Associate Professor	AY	9 500
3. Arlene S. Krieger, Associate Professor	A	8 200
4. Edna L. Anderson, Assistant Professor	BY	8 700
5. Zena S. Blau, Assistant Professor	B	6 200
6. Rachel Bliss, Assistant Professor	ZBY10	1 300
(Total Salary)		(8 500)
7. Helen W. Dunn, Assistant Professor	ZBY	.....
8. Alice Marcella Fay, Assistant Professor	BY	9 650
9. Alberta Fuller, Assistant Professor	B	6 350
10. Lillian G. Oertel, Assistant Professor	BY	8 200
11. Wilma J. Phipps, Assistant Professor	BY	8 500
12. Helen O. Ackert, Instructor	DY	7 350
13. Anna J. Franzen, Instructor	D	7 350
14. Harriet B. Koch, Instructor	D60	4 000
15. Doris Molbo, Instructor	DY	6 350
16. Jane K. Niles, Instructor	DY	6 250
17. Jane C. Sherratt, Instructor	DY	6 000
18. Anne A. Stachniak, Instructor	DY	5 500
19. Aline O. Young, Instructor	DY	6 350
20. Mildred M. Perlia, Assistant	DY	5 500
21. Janet C. Silliman, Assistant	DY	5 500
22. _____, Assistant	DY	4 650
Nonacademic Salaries		17 880
<i>Total, Salaries</i>		(164 030)
Wages		1 000
Expense		12 363
Travel		500
Equipment		1 200
<i>Total, Wages, Expense, and Equipment</i>		(15 063)
<i>Total, College of Nursing</i>		<u>\$179 093</u>

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE 2M6434C2

Account Number 55-91-12

1. Rachel Bliss, Assistant Professor	ZBY90	\$ 7 200
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BROADCASTING

Account Number 05-22-05		
Nonacademic Salaries		\$ 19 740
<i>Total, Salaries</i>		(19 740)
Wages		100
Expense		2 900
Equipment		300
<i>Total, Wages, Expense, and Equipment</i>		(3 300)
<i>Total, Broadcasting</i>		<u>\$ 23 040</u>

DIVISION OF SERVICES FOR CRIPPLED CHILDREN

General		Wages, Ex- pense, and Equipment	Total
<i>Extension and Public Services</i>	<i>Salaries</i>		
State.....	\$350 800	\$1 319 220	\$1 670 020
<i>Total, General</i>	<u>\$350 800</u>	<u>\$1 319 220</u>	<u>\$1 670 020</u>

Restricted		Wages, Ex- pense, and Equipment	Total
<i>Extension and Public Services</i>	<i>Salaries</i>		
Federal.....	\$311 095	\$247 405	\$558 500
Estimated Private Gifts.....		55 000	55 000
<i>Total, Restricted</i>	<u>\$311 095</u>	<u>\$302 405</u>	<u>\$613 500</u>

State			
Account Number 05-23-05			
1. Edward F. Lis, Director.....	ZBY	\$ 18 000	
Nonacademic Salaries, General.....		307 020	
Nonacademic Salaries, Business Office.....		25 780	
<i>Total, Salaries</i>		(350 800)	
Wages.....		2 200	
Expense.....		1 313 020	
Equipment.....		4 000	
<i>Total, Wages, Expense, and Equipment</i>		(1 319 220)	
<i>Total, State</i>		<u>\$1 670 020</u>	

Federal			
Account Number 53-23-05			
1. _____, Associate Director.....	DY	\$ 14 000	
2. Samuel Pruzansky, Associate Director and Orthopaedic Dentist in the Cleft Palate.....	ZDY75	9 750	
(Total Salary).....		(11 070)	
3. Emanuel M. Skolnik, Otolaryngologist.....	ZDY20	2 000	
(Total Salary).....		(7 100)	
4. John W. Curtin, Plastic Surgeon.....	ZDY30	2 400	
5. Charles R. Elliott, Speech Pathologist.....	ZBY	8 900	
6. Constance Fraser, Assistant Professor.....	ZBY50	3 700	
(Total Salary).....		(7 400)	
7. Luis Trevino, Pediatrician.....	ZBY40	3 150	
(Total Salary).....		(7 850)	
Nonacademic Salaries, General.....		253 875	
Nonacademic Salaries, Business Office.....		13 320	
<i>Total, Salaries</i>		(311 095)	
Wages.....		2 000	
Expense.....		242 405	
Equipment.....		3 000	
<i>Total, Wages, Expense, and Equipment</i>		(247 405)	
<i>Total, Federal</i>		<u>\$558 500</u>	

PHYSICAL EDUCATION

Physical Education for Men

Account Number 05-24-05			
1. John W. Brown, Assistant Professor.....	BY	\$ 8 750	
Nonacademic Salaries.....		4 800	
<i>Total, Salaries</i>		(13 550)	
Wages.....		1 700	
Expense.....		2 150	
Equipment.....		350	
<i>Total, Wages, Expense, and Equipment</i>		(4 200)	
<i>Total, Physical Education for Men</i>		<u>\$ 17 750</u>	

AEROMEDICAL LABORATORY

Account Number 05-25-05		
1. John P. Marbarger, Director.....	ZBY	\$ 17 000
2. Sabath F. Marotta, Assistant Director.....	ZBY	8 800
3. _____, Biophysicist	BY	13 200
4. Eugene Robbins, Research Assistant.....	DY	5 200
Nonacademic Salaries		32 363
<i>Total, Salaries</i>		(76 563)
Wages.....		2 000
Expense, General		12 650
Expense, Electron Microscope.....		1 900
Equipment		2 250
<i>Total, Wages, Expense, and Equipment</i>		(18 800)
<i>Total, Aeromedical Laboratory</i>		\$ 95 363

INSTITUTION FOR TUBERCULOSIS RESEARCH

Account Number 03-26-10		
1. Sol Roy Rosenthal, Director.....	ZBY70	\$ 11 700
2. _____, Research Associate.....	DY	7 500
3. Alonzo Kenniebrew, Research Assistant.....	DY	5 340
Nonacademic Salaries		31 935
<i>Total, Salaries</i>		(56 475)
Wages.....		1 200
Expense		13 175
Equipment		300
<i>Total, Wages, Expense, and Equipment</i>		(14 675)
<i>Total, Institution for Tuberculosis Research</i>		\$ 71 150

RESEARCH AND EDUCATIONAL HOSPITALS

	General		Wages, Ex- pense, and Equipment	Total
<i>Organized Activities Relating to Instruction</i>	<i>Salaries</i>			
Administration.....	\$ 150 200	\$	61 750	\$ 211 950
Admissions.....	64 920		10 700	75 620
Anesthesiology.....	13 840		45 500	59 340
Central Supply.....	76 216		73 000	149 216
Clinics.....	284 780		54 800	339 580
Dietetics.....	112 090		635 748	747 838
Emergency Service.....	55 290		34 556	89 846
House Staff.....			356 620	356 620
Laboratory.....	242 610		102 900	345 510
Medical Records.....	136 790		60 000	196 790
Medicine.....	15 458		11 090	26 548
Nursing, General.....	1 567 200		894 586	2 461 786
Nurses' Residence.....	8 130		5 220	13 350
Operating and Recovery Rooms.....	201 930		137 450	339 380
Orthopaedic Brace Shop.....	8 460		3 850	12 310
Pathology.....	58 578		18 100	76 678
Patient Drugs.....			192 920	192 920
Physical Medicine and Rehabilitation.....	88 560		11 344	99 904
Radiology.....	137 814		144 396	282 210
Ward Equipment.....			39 000	39 000
<i>Total, General</i>	\$3 222 866	\$2 893 530		\$6 116 396

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.....	72 864	38 305	111 169

	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Ophthalmology Revolving.....	27 990	54 000	81 990
Estimated Private Gifts.....	.....	2 000	2 000
<i>Total, Restricted</i>	<u>\$105 366</u>	<u>\$167 805</u>	<u>\$273 171</u>

Administration

Account Number 05-27-05			
1. Donald J. Casseley, Medical Director.....	ZBY	\$ 24 000	
2. Myron C. Benford, Associate Medical Director.....	ZDY	.....
3. Harry G. Higgins, Administrator.....	DY	13 750	
4. J. E. Millizen, Administrator, <i>Emeritus</i>	R	.....
Nonacademic Salaries		112 450	
<i>Total, Salaries</i>		(150 200)	
Wages.....		11 450	
Expense		16 200	
Malpractice Insurance		4 500	
Convention Travel		600	
Equipment		4 000	
Contingent.....		25 000	
<i>Total, Wages, Expense, and Equipment</i>		(61 750)	
<i>Total, Administration</i>		<u>\$211 950</u>	

Admissions

Account Number 05-27-10			
1. Myron C. Benford, Director.....	ZBY	.....
Nonacademic Salaries		\$ 64 920	
<i>Total, Salaries</i>		(64 920)	
Wages.....		5 000	
Expense		5 200	
Equipment		500	
<i>Total, Wages, Expense, and Equipment</i>		(10 700)	
<i>Total, Admissions</i>		<u>\$ 75 620</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		\$ 13 840	
<i>Total, Salaries</i>		(13 840)	
Wages.....		2 000	
Expense		41 500	
Equipment		2 000	
<i>Total, Wages, Expense, and Equipment</i>		(45 500)	
<i>Total, Anesthesiology</i>		<u>\$ 59 340</u>	

Central Supply

Account Number 05-27-15			
Nonacademic Salaries		\$ 76 216	
<i>Total, Salaries</i>		(76 216)	
Wages.....		2 000	
Expense		69 000	
Equipment		2 000	
<i>Total, Wages, Expense, and Equipment</i>		(73 000)	
<i>Total, Central Supply</i>		<u>\$149 216</u>	

Clinics

Account Number 05-27-20			
1. Myron C. Benford, Director.....	ZDY67	\$ 12 000	
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	8 450
5. Thomas K. Barber, Clinical Associate Professor of Surgery	ZAY	.....
Nonacademic Salaries		264 330
<i>Total, Salaries</i>		(284 780)
Wages		16 100
Wages, Center for Handicapped Children		200
Expense		31 000
Expense, Center for Handicapped Children		5 000
Equipment		2 500
<i>Total, Wages, Expense, and Equipment</i>		(54 800)
<i>Total, Clinics</i>		\$339 580

Dietetics

Account Number 05-27-25		
Nonacademic Salaries		\$112 090
<i>Total, Salaries</i>		(112 090)
Wages		330 000
Expense		300 748
Equipment		5 000
<i>Total, Wages, Expense, and Equipment</i>		(635 748)
<i>Total, Dietetics</i>		\$747 838

Emergency Service

Account Number 05-27-27		
1. John H. Schneewind, Chief	ZBY	.....
Nonacademic Salaries		\$ 55 290
<i>Total, Salaries</i>		(55 290)
Wages		20 550
Expense		13 000
Equipment		1 000
<i>Total, Wages, Expense, and Equipment</i>		(34 550)
<i>Total, Emergency Service</i>		\$ 89 846

House Staff

Account Number 05-27-28		
Chief Resident		\$ (540)
(Perquisites Employee — board)		
Wages, Hospital		
39 First-Year Residents		80 610
(Perquisites Employee — board)		(21 060)
26 Second-Year Residents		60 840
(Perquisites Employee — board)		(14 040)
19 Third-Year Residents		51 300
(Perquisites Employee — board)		(10 260)
9 Fourth-Year Residents		27 540
(Perquisites Employee — board)		(4 860)
38 Interns		41 040
(Perquisites University — room and board)		
Wages, Illinois Eye and Ear Infirmary		
12 First-Year Residents		24 180
(Perquisites Employee — board)		(6 480)
14 Second-Year Residents		32 410
(Perquisites Employee — board)		(7 500)
4 Third-Year Residents		10 700
(Perquisites Employee — board)		(2 160)
Expense		24 480
Housing, Female Staff		2 520
Equipment		1 000
<i>Total, House Staff</i>		\$356 620

Laboratory

Account Number 05-27-30

1. John B. Fuller, Director.....	ZAY	.....
2. Donald R. Russ, Associate Director.....	ZAY	.....
3. Esther L. Cheattle, Assistant Director.....	ZBY	.....
Nonacademic Salaries		\$242 610
<i>Total, Salaries</i>		(242 610)
Wages.....		36 900
Expense		62 000
Equipment		4 000
<i>Total, Wages, Expense, and Equipment</i>		(102 900)
<i>Total, Laboratory</i>		\$345 510

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		\$136 790
<i>Total, Salaries</i>		(136 790)
Wages.....		23 000
Expense		36 000
Equipment		1 000
<i>Total, Wages, Expense, and Equipment</i>		(60 000)
<i>Total, Medical Records</i>		\$196 790

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. Harold A. Shafter, Assistant Attending Physician.....	ZDY	.....
Nonacademic Salaries		15 458
<i>Total, Salaries</i>		(15 458)
Wages.....		2 200
Expense		7 730
Equipment		1 160
<i>Total, Wages, Expense, and Equipment</i>		(11 090)
<i>Total, Medicine</i>		\$ 26 548

Nursing**General**

Account Number 05-27-45

1. Helen W. Dunn, Director.....	ZDY	\$ 12 340
(Perquisites University — one meal)		
Nonacademic Salaries, General		1 081 400
Nonacademic Salaries, Illinois Eye and Ear Infirmary.....		213 360
Nonacademic Salaries, Neuropsychiatric Institute.....		260 100
<i>Total, Salaries</i>		(1 567 200)
Wages, General		481 800
Wages, Illinois Eye and Ear Infirmary.....		83 700
Wages, Neuropsychiatric Institute.....		145 100
Expense		181 086
Equipment		2 000
<i>Total, Wages, Expense, and Equipment</i>		(894 586)
<i>Total, General</i>		\$2 461 786

Nurses' Residence

Account Number 05-27-50

Nonacademic Salaries		\$ 8 130
<i>Total, Salaries</i>		(8 130)

Wages.....	2 380
Expense, Housing Nurses.....	1 840
Equipment.....	1 000
<i>Total, Wages, Expense, and Equipment.....</i>	<u>(5 220)</u>
<i>Total, Nurses' Residence.....</i>	\$ 13 350

Operating and Recovery Rooms

Account Number 05-27-55	
1. Warren H. Cole, Surgeon-in-Chief.....	ZAY
Nonacademic Salaries	\$201 930
<i>Total, Salaries</i>	<u>(201 930)</u>
Wages.....	51 700
Expense	82 750
Equipment	3 000
<i>Total, Wages, Expense, and Equipment.....</i>	<u>(137 450)</u>
<i>Total, Operating and Recovery Rooms.....</i>	\$339 380

Ophthalmology Revolving

Account Number 07-27-15	
1. P. C. Kronfeld, Ophthalmologist-in-Chief, Illinois Eye and Ear Infirmary.....	ZAY
Nonacademic Salaries	\$ 27 990
Expense	54 000
<i>Total, Ophthalmology Revolving.....</i>	<u>\$ 81 990</u>

Orthopaedic Brace Shop

Account Number 05-27-60	
Nonacademic Salaries	\$ 8 460
<i>Total, Salaries</i>	<u>(8 460)</u>
Wages.....	.....
Expense	3 000
Equipment	850
<i>Total, Wages, Expense, and Equipment.....</i>	<u>(3 850)</u>
<i>Total, Orthopaedic Brace Shop.....</i>	\$ 12 310

Brace Shop Revolving

Account Number 07-27-05	
Nonacademic Salaries	\$ 4 512
<i>Total, Salaries</i>	<u>(4 512)</u>
Wages.....	500
Expense	1 000
<i>Total, Wages, Expense, and Equipment.....</i>	<u>(1 500)</u>
<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. Elizabeth A. McGrew, Associate Pathologist.....	ZAY
4. Martin Swerdlow, Associate Pathologist.....	ZAY
5. Pietro U. Capurro, Assistant Pathologist.....	ZBY
6. _____, Assistant Pathologist.....	ZDY
Nonacademic Salaries	\$ 58 578
<i>Total, Salaries</i>	<u>(58 578)</u>
Wages.....	3 600
Expense	12 500
Equipment	2 000
<i>Total, Wages, Expense, and Equipment.....</i>	<u>(18 100)</u>
<i>Total, Pathology</i>	\$ 76 678

Patient Drugs

Account Number 05-27-70	
Expense	\$192 920
<i>Total, Patient Drugs.....</i>	<u>\$192 920</u>

Physical Medicine and Rehabilitation

Account Number 05-27-75		
1. David I. Abramson, Chief.....	ZAY	.....
2. Clara J. Fleischer, Assistant Chief.....	ZBY	.....
Nonacademic Salaries		\$ 88 560
<i>Total, Salaries</i>		(88 560)
Wages.....		1 800
Expense		6 044
Equipment		3 500
<i>Total, Wages, Expense, and Equipment</i>		(11 344)
<i>Total, Physical Medicine and Rehabilitation</i>		\$ 99 904

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		\$137 814
<i>Total, Salaries</i>		(137 814)
Wages.....		32 396
Expense		106 000
Equipment		6 000
<i>Total, Wages, Expense, and Equipment</i>		(144 396)
<i>Total, Radiology</i>		\$282 210

Respiratory Center Revolving

Account Number 07-27-25		
1. Mark H. Lepper, Consulting Director.....	ZAY	.....
2. George A. Saxton, Director of Research with rank of Associate Professor	ZDY	.....
Nonacademic Salaries		\$ 72 864
<i>Total, Salaries</i>		(72 864)
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>		\$111 169

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	\$ 11 500
Professor of Library Administration.....	AY	
2. Lorena Clarke, Catalog Librarian with rank of Assistant Professor	BY	8 600
3. Clara L. Meckel, Circulation and Reference Librarian with rank of Assistant Professor.....	BY	7 350
4. Margaret M. Bates, Assistant Librarian, <i>Emerita</i>	R	.....
5. Mary J. Campbell, Acquisitions Librarian with rank of Assistant Professor.....	BY	7 600
6. Charles Z. Hughes, Serials Librarian with rank of Instructor.....	DY	7 050
7. Martha Kona, Cataloger with rank of Instructor.....	DY	5 750

8. Aletha Kowitz, Circulation and Reference Assistant with rank of Instructor.....	DY	6 250
9. Dorothea M. Wheeler, Reference Librarian with rank of Instructor, <i>Emerita</i>	R	.....
Nonacademic Salaries		28 380
<i>Total, Salaries</i>		(82 480)
Wages.....		5 000
Expense		3 500
Equipment		2 100
Library Additions		45 000
<i>Total, Wages, Expense, and Equipment</i>		(55 600)
<i>Total, Library</i>		\$138 080

PHYSICAL PLANT

General		Wages, Ex- pense, and Equipment		Total
	Salaries			
Administration.....	\$119 338	\$ 24 930	\$	144 268
Building Operation.....	33 730	618 085		651 815
Police and Watchmen.....	9 000	127 634		136 634
Building Maintenance.....	69 814	552 920		622 734
Grounds Maintenance.....	8 200	69 787		77 987
Heat, Light, and Power.....	9 090	763 892		772 982
Union Building.....	.....	15 590		15 590
Medical Center Steam Plant.....	.....	458 077		458 077
<i>Total, General</i>	\$249 172	\$2 630 915	\$2	880 087

Restricted		Wages, Ex- pense, and Equipment		Total
	Salaries			
<i>Auxiliary Enterprises</i>				
Chicago Union Building Operation.....	\$ 12 076	\$ 14 624	\$	26 700
Illini Union Food Service.....	13 726	168 205		181 931
Tenant Properties.....	.....	12 251		12 251
Hospital Addition Snack Bar.....	2 910	87 808		90 718
Trust, Staff Apartments.....	.....	157 146		157 146
Trust, Student Residence Hall.....	33 230	407 151		440 381
Trust, Tenant Properties.....	.....	18 579		18 579
<i>Total, Auxiliary Enterprises</i>	(61 942)	(865 764)		(927 706)
<i>Trust, Second Unit of Dentistry-Medicine- Pharmacy Building</i>.....	.....	259 000		259 000
<i>Total, Restricted</i>	\$ 61 942	\$1 124 764	\$1	186 706

Administration

Account Number 05-36-02		
1. H. W. Pearce, Associate Director.....	ZDY	\$ 16 000
Nonacademic Salaries		103 338
<i>Total, Salaries</i>		(119 338)
Wages.....		920
Expense		22 400
Equipment		1 610
<i>Total, Wages, Expense, and Equipment</i>		(24 930)
<i>Total, Administration</i>		\$144 268

Building Operation

Account Number 05-36-04		
Nonacademic Salaries		\$ 33 730
<i>Total, Salaries</i>		(33 730)
Wages.....		570 407
Expense		44 678
Equipment		3 000
<i>Total, Wages, Expense, and Equipment</i>		(618 085)
<i>Total, Building Operation</i>		\$651 815

Police and Watchmen

Account Number 05-36-06	
Nonacademic Salaries	\$ 9 000
<i>Total, Salaries</i>	(9 000)
Wages	118 202
Expense	9 182
Equipment	250
<i>Total, Wages, Expense, and Equipment</i>	(127 634)
<i>Total, Police and Watchmen</i>	<u>\$136 634</u>

Building Maintenance

Account Number 05-36-08	
Nonacademic Salaries	\$ 69 814
<i>Total, Salaries</i>	(69 814)
Wages, General	345 824
Wages, Renewals and Replacements	106 895
Expense, General	51 139
Expense, Renewals and Replacements	47 086
Equipment	1 976
<i>Total, Wages, Expense, and Equipment</i>	(552 920)
<i>Total, Building Maintenance</i>	<u>\$622 734</u>

Grounds Maintenance

Account Number 05-36-60	
Nonacademic Salaries	\$ 8 200
<i>Total, Salaries</i>	(8 200)
Wages	62 016
Expense	7 221
Equipment	550
<i>Total, Wages, Expense, and Equipment</i>	(69 787)
<i>Total, Grounds Maintenance</i>	<u>\$ 77 987</u>

Heat, Light, and Power

Account Number 05-36-65	
Nonacademic Salaries	\$ 9 090
<i>Total, Salaries</i>	(9 090)
Wages	282 922
Expense	480 095
Equipment	875
<i>Total, Wages, Expense, and Equipment</i>	(763 892)
<i>Total, Heat, Light, and Power</i>	<u>\$772 982</u>

Chicago Illini Union Building

Account Number 05-36-75	
Food Service	\$ 9 290
Use of Facilities	6 300
<i>Total, Chicago Illini Union Building</i>	<u>\$ 15 590</u>

Medical Center Steam Plant

Account Number 05-36-85	
Expense	\$458 077
<i>Total, Medical Center Steam Plant</i>	<u>\$458 077</u>

Auxiliary Enterprises**Chicago Illini Union Building Operation**

Account Number 15-15-15	
Nonacademic Salaries	\$ 12 076
<i>Total, Salaries</i>	(12 076)
Wages	5 445
Expense	9 179
<i>Total, Wages, Expense, and Equipment</i>	(14 624)
<i>Total, Chicago Illini Union Building Operation</i>	<u>\$ 26 700</u>

Chicago Illini Union Food Service

Account Number 15-15-16

Nonacademic Salaries	\$ 13 726
<i>Total, Salaries</i>	<i>(13 726)</i>
Wages.....	64 620
Expense	103 585
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(168 205)</i>
<i>Total, Chicago Illini Union Food Service.....</i>	<i>\$181 931</i>

Trust — Housing Division Administration

Account Number 62-10-10

I. F. C. Dalla, Director of Chicago Housing Division.... ZDY	\$ (10 800)
Nonacademic Salaries	(23 160)
<i>Total, Salaries</i>	<i>(33 960)</i>
Wages.....	(190)
Expense	(4 584)
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(4 774)</i>
<i>Total, Trust — Housing Division Administration.....</i>	<i>\$ (38 374)</i>

Trust — Staff Apartments

Account Number 62-10-11

Wages.....	\$ 11 593
Expense	145 553
<i>Total, Trust — Staff Apartments.....</i>	<i>\$157 146</i>

Trust — Student Residence Hall

Account Number 62-10-12

1.00 Full Time Equivalent Assistants..... G	\$ 4 400
Nonacademic Salaries	28 830
<i>Total, Salaries</i>	<i>(33 230)</i>
Wages.....	124 744
Expense	282 407
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(407 151)</i>
<i>Total, Trust — Student Residence Hall.....</i>	<i>\$440 381</i>

Trust — Tenant Properties

Account Number 62-10-13

Expense	\$ 18 579
<i>Total, Trust — Tenant Properties.....</i>	<i>\$ 18 579</i>

Trust — Second Unit of Dentistry-Medicine-Pharmacy Building

Account Number 62-10-14

Wages.....	\$110 490
Expense	35 010
Debt Service	113 500
<i>Total, Trust — Second Unit of Dentistry-Medicine-Pharmacy Building</i>	<i>\$259 000</i>

Tenant Properties

Account Number 15-15-05

Expense	\$ 12 251
<i>Total, Tenant Properties.....</i>	<i>\$ 12 251</i>

Hospital Addition Snack Bar

Account Number 15-15-10

Nonacademic Salaries	\$ 2 910
<i>Total, Salaries</i>	<i>(2 910)</i>
Wages.....	35 026
Expense	52 782
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(87 808)</i>
<i>Total, Hospital Addition Snack Bar.....</i>	<i>\$ 90 718</i>

STUDENT AID

	Restricted	Wages, Ex- pense, and Equipment	Total
	Salaries		
Estimated Endowment Income.....	\$ 2 500		\$ 2 500
Estimated Private Gifts.....	12 000		12 000
Estimated U.S. Contracts.....	50 000		50 000
<i>Total, Restricted</i>	<i>\$64 500</i>		<i>\$64 500</i>

CHICAGO UNDERGRADUATE DIVISION

APPROPRIATIONS

	General	Wages, Ex- pense, and Equipment	Total
	Salaries		
<i>Administration and General</i>	\$ 483 685	\$ 126 900	\$ 610 585
<i>Instruction</i>			
Liberal Arts and Sciences.....	1 272 180	65 800	1 337 980
Engineering.....	546 855	47 100	593 955
Commerce and Business Administration....	174 970	4 250	179 220
Physical Education.....	160 626	19 000	179 626
Armed Forces.....	3 780	2 960	6 740
Summer Session.....	115 000	5 600	120 600
<i>Total, Instruction</i>	<i>(2 273 411)</i>	<i>(144 710)</i>	<i>(2 418 121)</i>
Libraries.....	133 520	42 700	176 220
Physical Plant.....	55 382	880 316	935 698
<i>Total, General</i>	<i>\$2 945 998</i>	<i>\$1 194 626</i>	<i>\$4 140 624</i>

Restricted

	Salaries	Wages, Ex- pense, and Equipment	Total
<i>Administration and General</i>	\$ 720	\$ 2 500	\$ 3 220
<i>Auxiliary Enterprises</i>			
Administration and General.....	57 540	294 300	351 840
Physical Education.....	12 800	32 000	44 800
Physical Plant.....	21 204	207 486	228 690
<i>Total, Auxiliary Enterprises</i>	<i>(91 544)</i>	<i>(533 786)</i>	<i>(625 330)</i>
<i>Total, Restricted</i>	<i>\$92 264</i>	<i>\$536 286</i>	<i>\$628 550</i>

ADMINISTRATION AND GENERAL

	General	Wages, Ex- pense, and Equipment	Total
	Salaries		
<i>Administration and General</i>			
Executive Dean's Office.....	\$ 62 615	\$ 34 700	\$ 97 315
Student Counseling Service.....	120 230	18 600	138 830
Business Office.....	69 450	9 800	79 250
Admissions and Records.....	102 760	43 000	145 760
Nonacademic Personnel.....	16 000	3 650	19 650
Dean of Students.....	39 410	5 900	45 310
Health Service.....	62 670	6 050	68 720
Public Information.....	10 550	5 200	15 750
<i>Total, General</i>	<i>\$483 685</i>	<i>\$126 900</i>	<i>\$610 585</i>

Restricted

	Salaries	Wages, Ex- pense, and Equipment	Total
<i>Administration and General</i>			
Estimated Indirect Costs.....	\$ 720	\$ 2 500	\$ 3 220
<i>Auxiliary Enterprises</i>			
Bookstore.....	48 300	215 500	263 800

Restricted (Continued)

	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
Student Activities.....	.....	16 600	16 600
Faculty Committee on Student Activities and Bookstore.....	.....	6 000	6 000
Student Hospital and Medical Services.....	9 240	56 200	65 440
<i>Total, Auxiliary Enterprises.....</i>	<i>(57 540)</i>	<i>(294 300)</i>	<i>(351 840)</i>
<i>Total, Restricted.....</i>	<i>\$58 260</i>	<i>\$296 800</i>	<i>\$355 060</i>

Executive Dean's Office

Account Number 70-05-05			
1. C. C. Caveny, Executive Dean.....	BY}		\$ 17 000
With rank of Professor.....	AY{		
2. Arthur D. Pickett, Associate Dean of Administration..	ZBY		13 500
3. Harold N. Cooley, Assistant Dean.....	BY		11 800
4. Arnold J. Hartoch, Director of Publications.....	ZBY37		4 175
(Total Salary)			(9 325)
Nonacademic Salaries			16 140
<i>Total, Salaries</i>			<i>(62 615)</i>
Wages.....			210
Expense			12 890
Expense, General Publications.....			11 000
Contingent.....			10 000
Nonrecurring Unassigned			(5 000)
Equipment			600
<i>Total, Wages, Expense, and Equipment.....</i>			<i>(34 700)</i>
<i>Total, Executive Dean's Office.....</i>			<i>\$ 97 315</i>

Student Counseling Service

Account Number 70-05-10			
1. Paul C. Greene, Director.....	ZBY		\$ 12 800
2. Kenneth W. Eells, Assistant Director.....	ZBY		11 600
3. Harold Klehr, Assistant Director.....	ZBY		11 400
4. Jean H. Baer, Counselor.....	ZBY		9 600
5. Louis A. Berman, Counselor.....	ZBY		8 500
6. I. A. Burch, Counselor.....	ZBY		8 600
7. Lucy C. Zaccaria, Counselor.....	ZBY		8 900
8. James W. Creaser, Counselor.....	ZDY		6 600
9. Daniel L. Heftel, Counselor.....	ZDY75		5 700
10. Laurette A. Kirstein, Counselor.....	ZD25		1 800
(Total Salary)			(7 200)
11. Robert L. Miller, Counselor.....	ZD25		1 600
(Total Salary)			(6 400)
(On leave without pay)			
12. Marie L. Johnson, Psychometrist.....	DY		5 600
13. Stephen W. Gornik, Assistant Psychometrist.....	DY		4 800
14. Summer Session Salaries.....			3 890
Nonacademic Salaries			18 840
<i>Total, Salaries</i>			<i>(120 230)</i>
Wages.....			4 230
Expense			12 810
Convention Travel			360
Equipment			1 200
<i>Total, Wages, Expense, and Equipment.....</i>			<i>(18 600)</i>
<i>Total, Student Counseling Service.....</i>			<i>\$138 830</i>

Business Office

Account Number 70-05-15			
1. H. A. Hazleton, Business Manager of Chicago Colleges and Divisions	ZDY		.....
Nonacademic Salaries			\$ 69 450
<i>Total, Salaries</i>			<i>(69 450)</i>

Wages.....	2 500
Expense.....	6 300
Equipment.....	1 000
<i>Total, Wages, Expense, and Equipment.....</i>	<u>(9 800)</u>
<i>Total, Business Office.....</i>	\$ 79 250

Auxiliary — Bookstore

Account Number 75-15-20

Nonacademic Salaries.....	\$ 48 300
<i>Total, Salaries.....</i>	<u>(48 300)</u>
Wages.....	4 500
Expense.....	210 000
Equipment.....	1 000
<i>Total, Wages, Expense, and Equipment.....</i>	<u>(215 500)</u>
<i>Total, Auxiliary — Bookstore.....</i>	\$263 800

Veterans' Certification

Account Number 88-05-15

Nonacademic Salaries.....	\$ 720
Expense.....	2 500
<i>Total, Veterans' Certification.....</i>	<u>\$ 3 220</u>

Admissions and Records

Account Number 70-05-20

1. Harold E. Temmer, Associate Dean.....	DY	\$ 13 300
2. Kirker Smith, Assistant Dean.....	DY	8 550
Nonacademic Salaries.....		80 910
<i>Total, Salaries.....</i>		<u>(102 760)</u>
Wages.....		9 000
Expense.....		32 800
Equipment.....		300
<i>Total, Wages, Expense, and Equipment.....</i>		<u>(43 000)</u>
<i>Total, Admissions and Records.....</i>		\$145 760

Nonacademic Personnel

Account Number 70-05-25

Nonacademic Salaries.....	\$ 16 000
<i>Total, Salaries.....</i>	<u>(16 000)</u>
Wages.....	300
Expense.....	3 350
<i>Total, Wages, Expense, and Equipment.....</i>	<u>(3 650)</u>
<i>Total, Nonacademic Personnel.....</i>	\$ 19 650

Dean of Students

Account Number 70-05-30

1. W. O. Brown, Associate Dean of Students.....	BY	\$ 12 400
2. Agnes G. Tandberg, Dean of Women.....	BY	9 900
3. Merton S. Zahrt, Assistant to the Dean of Students....	ZBY46	3 850
<i>(Total Salary).....</i>		<u>(8 350)</u>
Nonacademic Salaries.....		13 260
<i>Total, Salaries.....</i>		<u>(39 410)</u>
Wages.....		1 750
Expense.....		3 950
Equipment.....		200
<i>Total, Wages, Expense, and Equipment.....</i>		<u>(5 900)</u>
<i>Total, Dean of Students.....</i>		\$ 45 310

Auxiliary — Student Activities

Account Number 75-15-15

Expense.....	\$ 16 600
<i>Total, Auxiliary — Student Activities.....</i>	<u>\$ 16 600</u>

Auxiliary — Faculty Committee on Student Activities and Bookstore

Account Number 75-15-16

Expense	\$ 6 000
<i>Total, Auxiliary — Faculty Committee on Student Activities and Bookstore.....</i>	<i>\$ 6 000</i>

Auxiliary — Student Hospital and Medical Services

Account Number 75-15-30

1. Merton S. Zahrt, Assistant to the Dean of Students... ZBY54	\$ 4 500
(Total Salary)	(8 350)
Nonacademic Salaries	4 740
<i>Total, Salaries</i>	<i>(9 240)</i>
Expense	1 200
Premiums	55 000
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(56 200)</i>
<i>Total, Auxiliary — Student Hospital and Medical Services</i>	<i>\$ 65 440</i>

Health Service

Account Number 70-05-35

1. H. Gordon Reid, Director..... BY}		\$ 13 500
Associate Professor of Hygiene..... AY}		
2. Helen M. Kostka, Medical Adviser for Women and Associate Professor of Hygiene..... AY	11 500	
3. Gloria Hilker, Assistant Professor of Hygiene..... BY50	5 500	
4. Fred Madenberg, Medical Adviser for Men and Assistant Professor of Hygiene..... BY50	5 500	
5. Glendon E. Rayson, Medical Adviser for Men and Assistant Professor of Hygiene..... DY50	5 500	
6. John E. Kysar, Instructor in Hygiene..... D25	1 800	
7. Harold W. Spies, Instructor in Hygiene..... D25	1 800	
8. _____, Instructor in Hygiene..... DY25	1 750	
Nonacademic Salaries	15 820	
<i>Total, Salaries</i>	<i>(62 670)</i>	
Wages.....	1 550	
Expense	4 500	
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(6 050)</i>	
<i>Total, Health Service.....</i>	<i>\$ 68 720</i>	

Public Information

Account Number 70-05-45

1. Max Isaac Light, Chicago Manager of Public Information..... ZDY	\$
Nonacademic Salaries	\$ 10 550
<i>Total, Salaries</i>	<i>(10 550)</i>
Wages.....	1 600
Expense	3 400
Equipment	200
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(5 200)</i>
<i>Total, Public Information.....</i>	<i>\$ 15 750</i>

LIBERAL ARTS AND SCIENCES**General**

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
Administration.....	\$ 34 530	\$ 8 750	\$ 43 280
Biological Sciences.....	127 660	14 800	142 460
Humanities.....	475 360	6 400	481 760
Mathematics.....	202 800	1 800	204 600
Physical Sciences.....	247 730	30 850	278 580
Social Sciences.....	184 100	3 200	187 300
<i>Total, General.....</i>	<i>\$1 272 180</i>	<i>\$65 800</i>	<i>\$1 337 980</i>

Administration

Account Number 70-10-05

1. H. W. Bailey, Associate Dean.....	ZBY	\$ 15 750
2. W. C. Jackman, Assistant Dean.....	ZBY50	5 300
(Total Salary)		(9 000)
(On leave with one-half pay 1960-61)		
3. Ellis B. Little, Assistant Dean.....	ZBY50	4 900
(Total Salary)		(8 700)
Nonacademic Salaries		8 580
<i>Total, Salaries</i>		(34 530)
Wages.....		650
Expense		4 240
Convention Travel		3 360
Equipment		500
<i>Total, Wages, Expense, and Equipment</i>		(8 750)
<i>Total, Administration</i>		\$ 43 280

Biological Sciences

Account Number 70-10-10

1. Max C. Shank, Associate Professor.....	A}	\$ 9 600
Chairman of Division.....	B}	
(On leave with one-half pay 1960-61)		
2. Arthur D. Pickett, Professor.....	ZAY	.....
3. A. S. Rouffa, Professor.....	A	9 200
4. William Sangster, Professor.....	A	9 600
5. Sidney F. Glassman, Associate Professor.....	A	8 500
6. Kenneth M. Madison, Associate Professor.....	A	9 000
7. Ellis B. Little, Assistant Professor.....	ZB50	3 800
(Total Salary)		(8 700)
8. John T. Newell, Assistant Professor.....	B	6 500
9. Halina J. Presley, Assistant Professor.....	B	6 800
10. David Shomay, Assistant Professor.....	B	7 200
11. _____, Assistant Professor.....	B	6 200
12. James A. Bond, Instructor.....	D	6 000
13. Catherine H. Claar, Instructor.....	D	5 200
14. William J. Dembski, Instructor.....	D	5 200
15. John L. Sarkissian, Instructor.....	D	4 800
16. Charles L. Scudder, Instructor.....	D	4 900
17. Charles N. Spirakis, Instructor.....	D	6 700
18. Kumar Krishna, Instructor.....	D	4 500
19. 0.40 Full Time Equivalent Assistants.....	E	1 600
Nonacademic Salaries		12 360
<i>Total, Salaries</i>		(127 660)
Wages.....		1 150
Expense		11 650
Equipment		2 000
<i>Total, Wages, Expense, and Equipment</i>		(14 800)
<i>Total, Biological Sciences</i>		\$142 460

Humanities

Account Number 70-10-15

1. E. B. Vest, Professor of English and Head of Division	A	\$ 12 200
2. Jose Sanchez, Professor of Foreign Languages.....	A	9 200
3. William M. Schuyler, Professor of Foreign Languages	A	9 600
4. Wayne N. Thompson, Professor of Speech.....	A	10 200
5. Hazel Vardaman, Professor of Foreign Languages....	A	9 800
6. Arnold J. Hartoch, Associate Professor of Foreign Languages	ZA63	5 150
(Total Salary)		(9 325)
7. Falk S. Johnson, Associate Professor of English.....	A	8 400
8. Marie E. Lein, Associate Professor of Foreign Languages.....	A	8 000
9. Constance Nicholas, Associate Professor of English..	A	8 000

10. Carl A. Pitt, Associate Professor of Speech.....	A	8 000
11. Ernest S. Willner, Associate Professor of Foreign Languages	A	8 200
12. Irving D. Blum, Associate Professor of English.....	A	7 800
(On leave with pay second semester 1960-61)		
13. Bernard R. Kogan, Associate Professor of English... A		7 800
14. Elizabeth V. Wright, Associate Professor of English... A		8 000
15. Jack D. Arnold, Assistant Professor of Speech.....	B	6 400
16. Edwin R. Fissinger, Assistant Professor of Music....	B	7 200
17. J. B. Fuller, Assistant Professor, <i>Emeritus</i>	R	.....
18. Robert E. Gallagher, Assistant Professor of English..	B	6 600
19. W. C. Jackman, Assistant Professor of English.....	ZB50	3 700
(Total Salary)		(9 000)
(On leave with one-half pay 1960-61)		
20. John C. Johnson, Assistant Professor of English.....	B	7 000
(On leave with pay second semester 1960-61)		
21. Moreen Jordan, Assistant Professor of English.....	B	7 200
(On leave with pay second semester 1960-61)		
22. A. Karanikas, Assistant Professor of English.....	B	7 200
(On leave with one-half pay 1960-61)		
23. Robert Kauf, Assistant Professor of Foreign Languages	B	7 400
24. Zelma B. Leonhard, Assistant Professor of English... B		7 000
25. John O. Marsh, Jr., Assistant Professor of Foreign Languages	B	7 400
26. Sonia Miller, Assistant Professor of English.....	B	7 000
27. Harry J. Runyan, Assistant Professor of English....	B	7 200
28. Andrew Schiller, Assistant Professor of English.....	B	7 800
29. James B. Stronks, Assistant Professor of English....	B	7 600
30. Elizabeth Teichmann, Assistant Professor of Foreign Languages	B	7 000
31. Samuel A. Weiss, Assistant Professor of English.....	B	7 000
32. Maurita F. Willett, Assistant Professor of English... B		6 600
33. Norman R. Atwood, Instructor in English.....	D	6 800
34. Johanna Braunfeld, Instructor in Foreign Languages..	D	6 600
35. Kathryn H. Carlson, Instructor in English.....	D	6 000
36. Robert L. S. Cassell, Instructor in English.....	D	6 000
37. Willis Charkovsky, Instructor in Music.....	D50	3 200
38. Joan M. Chillag, Instructor in English.....	D	5 300
39. Francis G. Cox, Instructor in English.....	D	5 800
40. Janice M. Crews, Instructor in Speech.....	D	6 700
41. Russell E. Davis, Instructor in English.....	D	5 600
42. Warren R. Freyer, Instructor in English.....	D	6 200
43. James Friend, Instructor in English.....	D	5 300
44. Frances M. Goulson, Instructor in Speech.....	D	6 700
45. Guinevere L. Griest, Instructor in English.....	D	6 400
46. Eleanor K. Harris, Instructor in English.....	D	5 600
47. Lucy S. Hegie, Instructor in English.....	D	6 200
48. Conde R. Hoskins, Instructor in Speech.....	D	6 400
49. Ingeborg V. Hough, Instructor in Foreign Languages	D	5 000
50. Helen J. Hovde, Instructor in Speech.....	D	6 700
51. Marion S. Kerwick, Instructor in English.....	D	6 400
52. Laurette A. Kirstein, Instructor in English.....	ZD75	5 400
(Total Salary)		(7 200)
53. Theodore Kundrat, Instructor in Speech.....	D50	2 900
54. Joan C. Lawson, Instructor in English.....	D	4 800
55. Willie N. Love, Instructor in English.....	D	6 700
56. William R. Lutton, Instructor in Foreign Languages... D50		2 500
57. John H. Mackin, Jr., Instructor in English.....	D	6 600
58. H. G. Merten, Instructor in English, <i>Emeritus</i>	R	.....
59. I. M. Miller, Instructor in English.....	D	6 700
60. Margaret H. Oleksy, Instructor in English.....	D	6 900
61. Sylvia Patlogan, Instructor in Foreign Languages.....	D50	3 200
62. Matthew L. Rigler, Instructor in Speech.....	D	6 400

63. Cecilia M. Rudin, Instructor in English.....	D	6 400
64. Mary C. Sidney, Instructor in English.....	D	5 000
65. Clara S. Skogen, Instructor in Foreign Languages....	D	6 600
66. Morris Star, Instructor in English.....	D	5 600
67. Beatrice S. Timmis, Instructor in English.....	D	6 700
68. Ferdina J. C. Tort, Instructor in Foreign Languages...	D	6 000
69. _____, Instructor in Foreign Languages.....	D ⁵⁰	2 500
70. Stanley P. Lallas, Assistant in Foreign Languages....	E	4 500
71. Ann Peyton, Assistant in English.....	E	4 500
72. Robert E. Terrill, Assistant in English.....	E	4 500
73. 2.00 Full Time Equivalent Assistants.....	E	8 950
Nonacademic Salaries		11 460
<i>Total, Salaries</i>		(475 360)
Wages.....		500
Expense		5 400
Equipment		500
<i>Total, Wages, Expense, and Equipment</i>		(6 400)
<i>Total, Humanities</i>		\$481 760

Mathematics

Account Number 70-10-20

1. G. W. Morgenthaler, Associate Professor and Head of Division	A	\$ 10 400
(On leave without pay to January 31, 1961)		
2. H. W. Bailey, Professor.....	ZAY	.....
3. Evelyn Frank, Professor.....	A	10 000
4. F. S. Nowlan, Professor, <i>Emeritus</i>	R	.....
5. Herbert J. Curtis, Associate Professor.....	A	7 700
Acting Head of Division (first semester 1960-61)....	G	(300)
6. Flora Dinkines, Associate Professor.....	A	8 300
7. Irwin K. Feinstein, Associate Professor of Mathematics Education.....	A	8 300
8. M. C. Hartley, Associate Professor.....	A	9 300
9. Louis L. Pennisi, Associate Professor.....	A	8 300
10. Ruth M. Ballard, Assistant Professor.....	B	7 200
11. Kenneth H. Murphy, Assistant Professor.....	B	7 400
12. Furio Alberti, Instructor.....	D	6 800
13. Winifred Berglund, Instructor.....	D	6 600
14. Louis I. Gordon, Instructor.....	D	6 300
15. W. M. Henderleiter, Instructor.....	D	5 000
16. Roger G. Hill, Instructor.....	D	6 300
17. Betty J. Kuzmanic, Instructor.....	D ⁵⁰	2 500
18. Rose Lariviere, Instructor.....	D	6 500
19. Sim Lasher, Instructor.....	D	5 900
20. Julia B. Linn, Instructor.....	D	5 300
21. Jeannette Lumley, Instructor.....	D	5 100
22. Robert A. Mertes, Instructor.....	D	5 000
23. Grace M. Nolan, Instructor.....	D	6 300
24. Charles E. Olsen, Instructor.....	D	6 300
25. Thomas B. Ondrak, Instructor.....	D	6 300
26. N. C. Scholomiti, Instructor.....	D	6 300
27. Helen W. Sears, Instructor.....	D	5 900
28. Laurence Sjoblom, Instructor.....	D	5 600
29. Rose H. Vedral, Instructor.....	D	6 300
30. Rosemary F. Wiley, Instructor.....	D	5 900
31. Leo F. Ziomek, Instructor.....	D	5 600
32. Irena Zygmund, Instructor.....	D	5 600
Nonacademic Salaries		4 500
<i>Total, Salaries</i>		(202 800)
Wages.....		100
Expense		1 450
Equipment		250
<i>Total, Wages, Expense, and Equipment</i>		(1 800)
<i>Total, Mathematics</i>		\$204 600

Physical Sciences**Account Number 70-10-25**

1. C. R. Meloy, Professor of Chemistry and Head of Division of Physical Sciences.....	A	\$ 12 200
2. Bernard J. Babler, Professor of Chemistry.....	A	10 600
3. F. B. Crum, Professor of Chemistry.....	A	10 300
4. Roy Huitema, Professor of Chemistry.....	A	10 600
5. R. W. Karpinski, Professor of Geology.....	A	9 400
6. Joseph Bachrach, Associate Professor of Chemistry...	A	8 200
7. Charles K. Hunt, Associate Professor of Chemistry...	A	8 800
8. J. Victor Mansfield, Associate Professor of Chemistry	A	8 000
9. Samuel Schrage, Associate Professor of Chemistry....	A	8 200
10. Rebecca L. Elbinger, Assistant Professor of Chemistry	B	6 700
11. Anatol Gottlieb, Assistant Professor of Chemistry....	B	6 900
12. Rosalind Klaas, Assistant Professor of Chemistry....	B	7 200
13. H. J. Mueller, Assistant Professor of Chemistry.....	B	7 200
14. Edward G. Rietz, Assistant Professor of Chemistry...	B67	4 800
15. John F. Steiner, Assistant Professor of Chemistry.....	B	6 900
16. John W. Weldon, Assistant Professor of Chemistry...	B	7 600
17. Lynn Carbonaro, Instructor in Chemistry.....	D	6 300
18. Sabine H. Casten, Instructor in Chemistry.....	D	5 600
19. John W. Cowin, Instructor in Chemistry.....	D	6 500
20. James R. Dafler, Instructor in Chemistry.....	D	5 200
21. Harry J. Delfs, Instructor in Chemistry.....	G67	1 900
(First semester 1960-61)		
22. Robert E. DeMar, Instructor in Geology.....	D	5 800
23. Shafeek Farag, Instructor in Chemistry.....	D	5 800
24. Donald D. Hedberg, Instructor in Chemistry.....	D	5 800
25. Elaine Z. Herzog, Instructor in Chemistry.....	D	5 600
26. Louis N. Kurs, Instructor in Geology.....	D	6 300
27. Robert L. Miller, Instructor in Chemistry.....	ZD75	4 800
(Total Salary)		(6 400)
(On leave without pay)		
28. Eileen Pare, Instructor in Chemistry.....	D	5 300
29. Clarence J. Perry, Instructor in Chemistry.....	D	6 500
30. G. I. Sackheim, Instructor in Chemistry.....	D	6 700
31. Frances K. Seabright, Instructor in Chemistry.....	D	6 300
32. Marjorie Traxler, Instructor in Chemistry.....	D	5 300
33. R. E. Johnson, Assistant in Chemistry.....	E	5 000
34. Thomas A. Lothian, Assistant in Chemistry.....	E	5 000
Nonacademic Salaries		14 430
Total, Salaries		(247 730)
Wages.....		3 800
Expense		24 050
Equipment		3 000
Total, Wages, Expense, and Equipment.....		(30 850)
Total, Physical Sciences.....		\$278 580

Social Sciences**Account Number 70-10-30**

1. Donald W. Riddle, Professor of History and Head of Division of Social Sciences.....	A	\$ 12 600
2. Hollis W. Barber, Professor of Political Science....	A	11 300
3. Alden D. Cutshall, Professor of Geography.....	A	10 600
4. Paul C. Greene, Professor of Psychology.....	ZAY	.....
5. Peter P. Klassen, Professor of Sociology.....	A	10 000
6. Eli A. Lipman, Professor of Psychology.....	A	10 000
7. D. J. Morris, Professor of Philosophy.....	A	9 400
8. Kenneth W. Eells, Associate Professor of Psychology	ZAY	.....
9. Stanley L. Jones, Associate Professor of History....	A	8 400
10. Harold Klehr, Associate Professor of Psychology....	ZAY	.....
11. Robert L. Nicholson, Associate Professor of History..	A	8 400
12. Victor E. Ricks, Associate Professor of Education...	A	9 000

13. Louis Unfer, Associate Professor of History.....	A	7 800
14. Shirley A. Bill, Associate Professor of History.....	A	7 600
15. Jean H. Baer, Assistant Professor of Education.....	ZBY	.....
16. Louis A. Berman, Assistant Professor of Psychology..	ZBY	.....
17. I. A. Burch, Assistant Professor of Psychology.....	ZBY	.....
18. Mary M. Colby, Assistant Professor of Geography....	B	7 200
19. Robert E. Corley, Assistant Professor of Sociology...	B	7 200
20. Mildred I. Finney, Assistant Professor of Geography	B	7 000
21. Gordon Lee Goodman, Assistant Professor of History	B	6 600
22. Wanda N. Gum, Assistant Professor	G	.....
(On disability leave without pay—University Retirement System)		
23. Allen H. Howard, Assistant Professor of Psychology..	B	7 200
24. Milton Rakove, Assistant Professor of Political Science	B	6 800
25. George A. Rheumer, Assistant Professor of Geography	B	7 300
26. Lucy C. Zaccaria, Assistant Professor of Psychology..	ZBY	.....
27. James W. Creaser, Instructor in Psychology.....	ZDY	.....
28. Daniel L. Heftel, Instructor in Psychology.....	ZDY	.....
29. Vivian C. Lipman, Instructor in Psychology.....	D	5 600
30. Robert R. Page, Instructor in Philosophy.....	D	6 000
31. Joe L. Spaeth, Instructor.....	D40	2 300
32. Robert L. Tyroler, Instructor in Psychology.....	D67	3 600
33. Charles P. Warren, Instructor in Anthropology.....	D	5 800
34. 0.50 Full Time Equivalent Assistants.....	E	2 200
Nonacademic Salaries		4 200
<i>Total, Salaries</i>		(184 100)
Wages.....		100
Expense		2 650
Equipment		450
<i>Total, Wages, Expense, and Equipment</i>		(3 200)
<i>Total, Social Sciences</i>		\$187 300

ENGINEERING SCIENCES

General

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
Administration.....	\$ 41 750	\$ 9 750	\$ 51 500
Architecture and Art	144 530	9 350	153 880
Engineering.....	56 600	4 800	61 400
General Engineering.....	131 500	6 950	138 450
Physics.....	124 850	10 500	135 350
Shop Laboratories.....	47 625	5 750	53 375
<i>Total, General</i>	<u>\$546 855</u>	<u>\$47 100</u>	<u>\$593 955</u>

Administration

Account Number 70-15-05			
1. F. W. Trezise, Associate Dean.....	ZBY	\$ 15 750	
2. Rupert M. Price, Assistant Dean.....	ZBY	12 500	
Nonacademic Salaries		13 500	
<i>Total, Salaries</i>		(41 750)	
Wages.....		1 850	
Expense		5 650	
Convention Travel		1 600	
Equipment		650	
<i>Total, Wages, Expense, and Equipment</i>		(9 750)	
<i>Total, Administration</i>		\$ 51 500	

Architecture and Art

Account Number 70-15-10			
1. Harold McEldowney, Professor of Architecture and Head of Department.....	A	\$ 11 800	
2. John F. Richardson, Professor of Art.....	A	9 300	

3. Anthony DeFilipps, Associate Professor of Architecture.....	A	9 500
4. John D. McNee, Associate Professor of Art.....	A	8 800
5. Henry L. Mikolajczyk, Associate Professor of Architecture.....	A	9 800
6. Canio Radice, Associate Professor of Art.....	A	8 500
7. Rowland Rathbun, Associate Professor of Architecture.....	A	8 600
8. Kenneth G. Shopen, Associate Professor of Art.....	A	9 400
9. John E. Walley, Associate Professor of Architecture..	A	9 400
10. Edward E. Burr, Assistant Professor of Art.....	B	8 050
11. Irving W. Colburn, Assistant Professor of Architecture	B50	4 150
12. Roland F. Ginzel, Assistant Professor of Art.....	B	7 400
13. Don A. Masterton, Assistant Professor of Architecture	B	7 150
14. Robert W. Nickle, Assistant Professor of Art.....	B	7 450
15. Nancy Stableford, Assistant Professor of Art.....	B	6 350
16. Lester D. White, Assistant Professor of Architecture	B	9 250
(On leave with one-half pay 1960-61)		
17. 0.40 Full Time Equivalent Assistants.....	E	1 500
Nonacademic Salaries		8 130
<i>Total, Salaries</i>		(144 530)
Wages.....		1 600
Expense		6 100
Equipment		1 650
<i>Total, Wages, Expense, and Equipment</i>		(9 350)
<i>Total, Architecture and Art</i>		\$153 880

Engineering

Account Number 70-15-15		
1. Edward H. Coe, Associate Professor of Civil Engineering.....	A)	\$ 9 200
Acting Head of Department.....	D)	
2. Arnold C. Cobb, Professor of Theoretical and Applied Mechanics	A	9 800
3. F. W. Trezise, Professor.....	ZAY	.....
4. William Graf, Assistant Professor.....	B	7 300
5. Alfred Klapperich, Assistant Professor.....	B	7 400
6. Algis Pabarcus, Assistant Professor.....	B	7 600
(On leave without pay 1960-61)		
7. F. P. Wiesinger, Assistant Professor of Civil Engineering	D	8 000
8. Leon L. Beratan, Lecturer.....	D	7 300
<i>Total, Salaries</i>		(56 600)
Wages.....		1 250
Expense		1 900
Equipment		1 650
<i>Total, Wages, Expense, and Equipment</i>		(4 800)
<i>Total, Engineering</i>		\$ 61 400

General Engineering

Account Number 70-15-20		
1. C. I. Carlson, Professor and Head of Department....	A	\$ 12 200
2. Harold R. Goppert, Professor.....	A	10 000
3. S. E. Shapiro, Professor.....	A	9 300
4. Richard C. Kohler, Associate Professor of General Engineering Drawing	A	8 100
5. H. Dale Walraven, Associate Professor.....	A	9 300
6. L. N. Blair, Assistant Professor.....	B	7 400
7. Truman C. Buss, Jr., Assistant Professor.....	B	7 200
8. Marion V. J. Dembski, Assistant Professor.....	B	7 000
9. Dee M. Holladay, Assistant Professor.....	B	7 200
10. Richard S. Royster, Assistant Professor.....	B	7 400
11. Fred W. Schroeder, Assistant Professor.....	B	7 250
12. Henry A. Setton, Assistant Professor.....	B	7 150

13. Charles A. Bouc, Instructor in General Engineering Drawing.....	D	5 500
14. Edward J. Caldario, Instructor.....	D	5 800
15. William Defotis, Instructor.....	D	5 950
16. Francis A. Mosillo, Instructor.....	D	5 850
17. ———, Instructor	D	5 000
Nonacademic Salaries		3 900
<i>Total, Salaries</i>		(131 500)
Wages.....		1 700
Expense		4 450
Equipment		800
<i>Total, Wages, Expense, and Equipment</i>		(6 950)
<i>Total, General Engineering</i>		\$138 450

Physics

Account Number 70-15-25

1. Ora Lee Railsback, Professor and Head of Department	A	\$ 12 200
2. Edward B. McNeil, Professor.....	A	9 100
3. William R. Anderson, Associate Professor.....	A	8 100
4. Louis Chandler, Associate Professor.....	A	8 000
5. Herman J. Johnson, Associate Professor.....	A	7 900
6. Rupert M. Price, Associate Professor.....	ZAY	.....
7. Harold M. Skadeland, Associate Professor.....	A	9 000
8. H. B. Weissman, Assistant Professor.....	B	7 800
9. Leon Bess, Assistant Professor.....	B50	3 750
10. Ogden Livermore, Assistant Professor.....	B	7 100
11. M. Minkler, Assistant Professor.....	B	6 900
12. Fishel E. Moraine, Assistant Professor.....	B	7 200
13. John N. Pappademos, Assistant Professor.....	B	7 100
14. A. F. Silkett, Assistant Professor.....	B	7 400
15. Jared W. Haslett, Instructor.....	D	6 800
16. James W. Wilbur, Instructor.....	D	6 300
Nonacademic Salaries		10 200
<i>Total, Salaries</i>		(124 850)
Wages.....		2 000
Expense		3 150
Equipment		5 350
<i>Total, Wages, Expense, and Equipment</i>		(10 500)
<i>Total, Physics</i>		\$135 350

Shop Laboratories

Account Number 70-15-30

1. Roy B. Perkins, Associate Professor of Mechanical Engineering and Head of Shop Laboratories.....	A	\$ 9 750
2. J. S. Kozacka, Professor of Mechanical Engineering, Emeritus.....	R	.....
3. Roy W. Schroeder, Associate Professor of Foundry and Pattern Laboratory.....	A	9 300
4. ———, Instructor in Mechanical Engineering...	D	7 300
Nonacademic Salaries		21 275
<i>Total, Salaries</i>		(47 625)
Wages.....		1 350
Expense		3 350
Equipment		1 050
<i>Total, Wages, Expense, and Equipment</i>		(5 750)
<i>Total, Shop Laboratories</i>		\$ 53 375

COMMERCE AND BUSINESS ADMINISTRATION

Account Number 70-20-05

1. Robert P. Hackett, Associate Dean.....	BY}	\$ 15 750
Professor of Accountancy.....	AY}	
2. William J. Dunne, Assistant Dean.....	BY50	5 500
Assistant Professor of Economics.....	B50	3 800
(Total Salary)		(9 300)

3. Lucille Derrick, Professor of Economics.....	A	10 000
4. Samuel Fox, Professor of Accountancy.....	A	10 200
5. Clarence H. Gillett, Professor of Economics.....	A	10 000
6. W. D. Grampp, Professor of Economics.....	A	9 200
7. Sarah M. Kabbes, Associate Professor of Accountancy A		8 600
8. Albert J. Schneider, Associate Professor of Account- ancy.....	A	8 900
9. Fayette B. Shaw, Associate Professor of Economics..	A	7 900
10. Daniel K. Andrews, Assistant Professor of Account- ancy.....	B	6 900
11. Edward C. Knudson, Assistant Professor, <i>Emeritus</i> ..	R	.....
12. Lawrence Lipkin, Assistant Professor of Accountancy	B	6 300
13. Alfonso T. Malinosky, Assistant Professor of Account- ancy.....	B	7 000
14. Edwin W. Berg, Instructor in Economics.....	D	6 500
15. Salvatore V. Ferrera, Instructor in Economics.....	D	4 800
16. Winifred B. Geldard, Instructor in Economics.....	D	6 000
17. Norman D. Hedish, Instructor in Accountancy.....	D	5 400
18. Carl M. Larson, Instructor in Economics.....	D	7 000
19. Oscar Miller, Instructor in Economics.....	D	6 300
20. Arthur O. Seltzer, Instructor in Economics.....	D	6 300
21. Robert L. Crabb, Assistant in Economics.....	E	4 700
22. Gust W. Dickett, Assistant in Economics.....	E	4 500
23. Edward T. Ossman, Assistant in Accountancy.....	E	4 300
Nonacademic Salaries		9 120
<i>Total, Salaries</i>		(174 970)
Wages.....		700
Expense		3 010
Convention Travel		540
<i>Total, Wages, Expense, and Equipment</i>		(4 250)
<i>Total, Commerce and Business Administration</i>		\$179 220

PHYSICAL EDUCATION

General		Wages, Ex- pense, and Equipment	
<i>Instruction</i>	<i>Salaries</i>		<i>Total</i>
Physical Education.....	\$160 626	\$ 19 000	\$179 626
<i>Total, General</i>	\$160 626	\$ 19 000	\$179 626
Restricted		Wages, Ex- pense, and Equipment	
<i>Auxiliary Enterprises</i>	<i>Salaries</i>		<i>Total</i>
Student Athletic Activities.....	\$ 12 800	\$ 32 000	\$ 44 800
<i>Total, Restricted</i>	\$ 12 800	\$ 32 000	\$ 44 800

Physical Education

Account Number 70-20-10			
1. J. O. Jones, Associate Dean and Director of Athletics	ZBY90	} \$ 14 750	
Professor of Physical Education for Men.....	AY		(15 750)
(Total Salary)			
2. Helen M. Barton, Professor of Physical Education for Women and Head of Women's Department.....	A		9 200
3. Peter R. Berrafato, Assistant Professor of Physical Education for Men.....	ZB		7 600
(Total Salary)			(8 800)
4. Sheldon L. Fordham, Assistant Professor of Physical Education for Men.....	ZB		8 200
(Total Salary)			(9 100)
5. Leo L. Gedvilas, Assistant Professor of Physical Edu- cation for Men.....	ZB		7 800
(Total Salary)			(8 200)

6. Charles Kristufek, Assistant Professor of Physical Education for Men.....	ZB	6 900
(Total Salary)		(8 000)
7. Lester H. Miller, Jr., Assistant Professor of Physical Education for Men.....	ZB	8 200
(Total Salary)		(9 000)
8. Benedict Montcalm, Assistant Professor of Physical Education for Men.....	ZB	6 700
(Total Salary)		(7 500)
9. Wilma J. Pesavento, Assistant Professor of Physical Education for Women.....	B	6 000
10. Walter G. Versen, Assistant Professor of Physical Education for Men.....	ZB	7 000
(Total Salary)		(7 800)
11. Michael G. Maksud, Instructor in Physical Education for Men	ZD	5 200
(Total Salary)		(6 000)
12. Richard R. Rader, Instructor in Physical Education for Men	ZD	6 400
(Total Salary)		(7 100)
13. George J. Strnad, Instructor in Physical Education for Men.....	ZD	6 000
(Total Salary)		(6 800)
14. Charlene Anzalone, Assistant in Physical Education for Women.....	E	5 300
15. Robert J. Beck, Assistant in Physical Education for Men.....	ZE	4 200
(Total Salary)		(4 700)
16. Donna J. Claypoole, Assistant in Physical Education for Women	E	5 200
17. James C. Descourouez, Assistant in Physical Education for Men	ZE	4 200
(Total Salary)		(4 700)
18. Harold H. Nemoto, Assistant in Physical Education for Men	ZE	5 200
(Total Salary)		(5 900)
19. Thomas F. Russo, Assistant in Physical Education for Men.....	ZE	4 200
(Total Salary)		(4 700)
20. Melvin J. Springer, Assistant in Physical Education for Men.....	ZE	5 200
(Total Salary)		(5 900)
21. Ruth G. Thomas, Assistant in Physical Education for Women.....	E	4 500
22. 0.50 Full Time Equivalent Assistants.....	E	2 600
Nonacademic Salaries		20 076
<i>Total, Salaries</i>		(160 626)
Wages.....		2 100
Expense		13 800
Convention Travel		600
Equipment		2 500
<i>Total, Wages, Expense, and Equipment</i>		(19 000)
<i>Total, Physical Education</i>		\$179 626

Auxiliary — Student Athletic Activities

Account Number 75-15-10

1. J. O. Jones, Director of Athletics.....	ZBY10	\$ 1 000
(Total Salary)		(15 750)
2. Peter R. Berrafato, Assistant Professor of Physical Education for Men.....	ZG	1 200
(Total Salary)		(8 800)
(Overtime basis)		

3. Sheldon L. Fordham, Assistant Professor of Physical Education for Men.....	ZG	900
(Total Salary)		(9 100)
(Overtime basis)		
4. Leo L. Gedvilas, Assistant Professor of Physical Education for Men.....	ZG	400
(Total Salary)		(8 200)
(Overtime basis)		
5. Charles Kristufek, Assistant Professor of Physical Education for Men.....	ZG	1 100
(Total Salary)		(8 000)
(Overtime basis)		
6. Lester H. Miller, Jr., Assistant Professor of Physical Education for Men.....	ZG	800
(Total Salary)		(9 000)
(Overtime basis)		
7. Benedict Montcalm, Assistant Professor of Physical Education for Men.....	ZG	800
(Total Salary)		(7 500)
(Overtime basis)		
8. Walter G. Versen, Assistant Professor of Physical Education for Men.....	ZG	800
(Total Salary)		(7 800)
(Overtime basis)		
9. Michael G. Maksud, Instructor in Physical Education for Men	ZG	800
(Total Salary)		(6 000)
(Overtime basis)		
10. Richard R. Rader, Instructor in Physical Education for Men	ZG	700
(Total Salary)		(7 100)
(Overtime basis)		
11. George J. Strnad, Instructor in Physical Education for Men.....	ZG	800
(Total Salary)		(6 800)
(Overtime basis)		
12. Robert J. Beck, Assistant in Physical Education for Men.....	ZG	500
(Total Salary)		(4 700)
(Overtime basis)		
13. James C. Descourrouez, Assistant in Physical Education for Men	ZG	500
(Total Salary)		(4 700)
(Overtime basis)		
14. Harold H. Nemoto, Assistant in Physical Education for Men	ZG	700
(Total Salary)		(5 900)
(Overtime basis)		
15. Thomas F. Russo, Assistant in Physical Education for Men.....	ZG	500
(Total Salary)		(4 700)
(Overtime basis)		
16. Melvin J. Springer, Assistant in Physical Education for Men	ZG	700
(Total Salary)		(5 900)
(Overtime basis)		
Nonacademic Salaries		600
Total, Salaries		(12 800)
Wages.....		1 500
Expense		30 500
Total, Wages, Expense, and Equipment.....		(32 000)
Total, Auxiliary—Student Athletic Activities.....		\$ 44 800

ARMED FORCES

Account Number 70-20-20

1. Daniel Crumpacker, Associate Professor of Military Science and Tactics and Head of Department.....	AY	\$
Nonacademic Salaries		\$ 3 780
<i>Total, Salaries</i>		(3 780)
Wages		960
Expense		1 700
Equipment		300
<i>Total, Wages, Expense, and Equipment</i>		(2 960)
<i>Total, Armed Forces</i>		\$ 6 740

SUMMER SESSION

Account Number 70-20-25

Salaries of Academic Staff	\$115 000
Expense, Television	5 600
<i>Total, Summer Session</i>	\$120 600

LIBRARY

Account Number 70-20-30

1. Edward M. Heiliger, Librarian.....	BY}	\$ 11 500
Professor of Library Administration.....	AY}	
2. Carl J. Frommherz, Catalog Librarian with rank of Assistant Professor	BY	8 000
3. Giles B. Robertson, Reference Librarian with rank of Assistant Professor	BY	8 000
4. Louis Schultheiss, Serials and Acquisition Librarian with rank of Assistant Professor	BY	8 000
5. ———, Circulation Librarian with rank of Assistant Professor	BY	7 350
6. Robert Adelsperger, Assistant Reference Librarian with rank of Instructor	DY	6 300
7. Marjorie Bengtson, Assistant Reference Librarian with rank of Instructor	DY	5 800
8. Lloyd Engelbrecht, Fine Arts Librarian with rank of Instructor	DY	6 400
9. Martha Kester, Assistant Catalog Librarian with rank of Instructor	DY	6 400
10. ———, Assistant Serials and Acquisition Librarian with rank of Instructor	DY	5 500
Nonacademic Salaries		60 270
<i>Total, Salaries</i>		(133 520)
Wages		5 500
Expense		6 000
Equipment		1 200
Library Additions		30 000
<i>Total, Wages, Expense, and Equipment</i>		(42 700)
<i>Total, Library</i>		\$176 220

PHYSICAL PLANT

General		Wages, Expense, and Equipment	Total
	Salaries		
Administration	\$24 420	\$ 9 095	\$ 33 515
Building Operation	8 300	221 403	229 703
Police and Watchmen		112 981	112 981
Building Maintenance	22 662	121 689	144 351
Trucks and Cars		13 616	13 616
Grounds Maintenance		12 954	12 954
Heat, Light, and Power		200 428	200 428
Building Rental		188 150	188 150
<i>Total, General</i>	\$55 382	\$880 316	\$935 698

Restricted		Wages, Ex- pense, and Equipment	Total
<i>Auxiliary Enterprises</i>	<i>Salaries</i>		
Food Service.....	\$21 204	\$207 486	\$228 690
<i>Total, Restricted</i>	\$21 204	\$207 486	\$228 690
Administration			
Account Number 70-25-02			
1. H. W. Pearce, Associate Director.....	ZDY		\$
Nonacademic Salaries			\$ 24 420
<i>Total, Salaries</i>			(24 420)
Wages.....			3 895
Expense			5 000
Equipment			200
<i>Total, Wages, Expense, and Equipment</i>			(9 095)
<i>Total, Administration</i>			\$ 33 515
Building Operation			
Account Number 70-25-04			
Nonacademic Salaries			\$ 8 300
<i>Total, Salaries</i>			(8 300)
Wages.....			203 379
Expense			18 024
<i>Total, Wages, Expense, and Equipment</i>			(221 403)
<i>Total, Building Operation</i>			\$229 703
Police and Watchmen			
Account Number 70-25-06			
Wages.....			\$110 072
Expense			2 909
<i>Total, Police and Watchmen</i>			\$112 981
Building Maintenance			
Account Number 70-25-08			
Nonacademic Salaries			\$ 22 662
<i>Total, Salaries</i>			(22 662)
Wages, General			91 398
Wages, Renewals and Replacements.....			11 016
Expense, General			13 874
Expense, Renewals and Replacements.....			5 301
Equipment			100
<i>Total, Wages, Expense, and Equipment</i>			(121 689)
<i>Total, Building Maintenance</i>			\$144 351
Trucks and Cars			
Account Number 70-25-80			
Wages.....			\$ 11 661
Expense			1 955
<i>Total, Trucks and Cars</i>			\$ 13 616
Grounds Maintenance			
Account Number 70-25-82			
Wages.....			\$ 12 404
Expense			550
<i>Total, Grounds Maintenance</i>			\$ 12 954
Heat, Light, and Power			
Account Number 70-25-84			
Wages.....			\$ 90 487
Expense			109 841
Equipment			100
<i>Total, Heat, Light, and Power</i>			\$200 428

Building Rental

Account Number 70-25-94	
Expense, Building Rental.....	\$161 760
Expense, Drill Hall Rental.....	25 240
Expense, Insurance	1 150
<i>Total, Building Rental.....</i>	<u>\$188 150</u>

Auxiliary Enterprises

Food Service	
Account Number 75-15-05	
Nonacademic Salaries	\$ 21 204
<i>Total, Salaries</i>	(21 204)
Wages.....	78 797
Expense	128 689
<i>Total, Wages, Expense, and Equipment.....</i>	(207 486)
<i>Total, Food Service.....</i>	<u>\$228 690</u>

NONACADEMIC SALARIES**URBANA-CHAMPAIGN****Board of Trustees**

Account Number 00-10-01-000	
1. Maude Archdeacon, 0136, Administrative Clerk..... N	\$ 7 200
2. Catherine C. Cacioppo, 0137, Clerk-Stenographer III.... N	4 530
3. Helen M. Block, 0138, Clerk-Typist II..... N	2 850
4. Marilyn Milligan, 0139, Clerk-Typist II..... N	3 090
<i>Total, Board of Trustees.....</i>	<u>\$17 670</u>

President's Office

Account Number 00-10-02-000	
1. E. G. Smith, 0140, Executive Aide..... N	\$ 8 400
2. Thelma I. Radwell, 0146, Chief Clerk..... N	5 100
3. Judith L. Conover, 6816, Clerk-Stenographer II..... N	3 480
4. Sharon L. Dilley, 0147, Clerk-Stenographer II..... N	2 970
5. Dorothy R. McAndrews, 7787, Clerk-Stenographer III... N	4 410
6. Vera K. Burke, 6809, Clerk-Typist II..... N	3 600
7. Wilma R. Johnson, 6008, Clerk-Typist III..... N	4 200
8. Bonnie L. Nichols, 8086, Clerk-Typist III..... N	4 050
9. Virginia J. Hendrix, 0145, Secretary — Stenographic.... N	5 550
10. Zelma C. Holl, 0142, Secretary — Stenographic..... N	6 420
11. Ruth E. Klein, 0143, Secretary — Stenographic..... N	6 420
12. Frances G. Dickman, 0141, Administrative Secretary — Stenographic..... N	7 740
<i>Total, President's Office.....</i>	<u>\$62 340</u>

Indirect Costs — President's Office

Account Number 40-10-02-000	
1. Ruth A. Vagner, 0149, Clerk-Stenographer II..... N	\$ 3 240
<i>Total, Indirect Costs — President's Office.....</i>	<u>\$ 3 240</u>

Vice-President and Provost's Office

Account Number 00-10-04-000	
1. Margaret W. Roberson, 0151, Clerk-Stenographer II..... N	\$ 2 940
2. Mildred M. Luther, 0152, Secretary — Stenographic..... N	6 000
3. Harriett B. Teeple, 1779, Secretary — Stenographic..... ZN50	3 300
(Total Salary)	(6 600)
4. Ruth M. Anderson, 0150, Administrative Secretary — Stenographic..... N	7 800
<i>Total, Vice-President and Provost's Office.....</i>	<u>\$20 040</u>

Vice-President and Comptroller's Office

Account Number 00-10-06-000

1. Vincent O. Greene, 0192, Accountant II.....	N	\$ 7 900
2. Margaret J. Oare, 0196, Clerk-Stenographer III.....	N	3 900
3. Marilyn J. Swearingen, 0200, Clerk-Stenographer III.....	N	4 140
4. Gladys L. Paul, 0194, Secretary — Stenographic.....	N	6 600
5. Vera M. Sands, 0195, Secretary — Stenographic.....	N	4 620
6. James R. Gallivan, 0198, Supervisor of Insurance.....	ZN40	3 200
(Total Salary)		(8 000)
<i>Total, Vice-President and Comptroller's Office.....</i>		<i>\$30 360</i>

Auxiliary — Hospital Insurance Administration

Account Number 18-10-06-701

1. Connie R. Mengler, 0413, Clerk-Typist III.....	N	\$ 3 180
2. Anna L. Thompson, 0199, Clerk-Typist III.....	N	3 540
3. James R. Gallivan, 0198, Supervisor of Insurance.....	ZN60	4 800
4. Robert A. Hershbarger, 7184, Assistant Supervisor of Insurance.....	N	6 500
<i>Total, Auxiliary — Hospital Insurance Administration...</i>		<i>\$18 020</i>

Business Office**Accounting Division**

Account Number 00-10-08-000

1. Henry S. Creech, 0207, Accountant I.....	N	\$ 5 160
2. Joseph A. Garza, 0217, Accountant I.....	N	6 540
3. Kenneth A. Hamilton, 0213, Accountant I.....	N	5 100
4. Harold G. Poindexter, 0216, Accountant II.....	N	8 040
5. Earl M. Snyder, 0214, Accountant II.....	N	7 200
6. Robert N. Parker, 0212, Accountant III.....	N	9 800
7. W. D. Green, 0211, Assistant Chief Accountant.....	N	11 100
8. Patricia A. Nelson, 7943, Clerk I.....	N	2 520
9. Beverly A. Richardson, 0227, Clerk I.....	N	2 400
10. Florence A. Carson, 6876, Clerk II.....	N	2 880
11. Vera A. Lawson, 5464, Clerk II.....	N	2 640
12. Leah B. Rogers, 8187, Clerk II.....	N	2 520
13. Betty E. Wagner, 0232, Clerk II.....	N	3 180
14. Ruth Bryant, 0286, Clerk III.....	N	3 360
15. Esther B. Theilmann, 6893, Accounting Clerk II.....	N	4 860
16. Leanna Heathman, 0300, Clerk-Typist II.....	N	2 580
17. Jimmy A. Luttrell, 0229, Clerk-Typist III.....	N	3 120
18. Donna J. Dewulf, 6892, Card Punch Operator I.....	N	2 640
19. Maida L. Whipple, 7822, Card Punch Operator I.....	N	2 820
20. Beverly A. Smith, 6894, Card Punch Operator II.....	N	2 040
21. Violet Gaschler, 0219, Secretary — Stenographic.....	N	5 100
22. Julia M. Hunt, 0283, Inventory Supervisor.....	N	6 420
<i>Total, Accounting Division.....</i>		<i>\$102 920</i>

INDIRECT COSTS — ACCOUNTING DIVISION

Account Number 40-10-08-000

1. Michael L. Crowell, 5865, Accountant I.....	N	\$ 4 800
2. Gail E. McManus, 0272, Clerk I.....	N	2 760
3. Lillian M. Nichols, 5214, Clerk II.....	N	3 180
4. Darlene K. Wright, 0226, Clerk II.....	N	2 640
5. Audrey I. Wynn, 0236, Typing Clerk II.....	ZN50	1 530
(Total Salary)		(3 060)
6. Rita A. Feldhake, 0237, Clerk-Typist II.....	N	2 760
<i>Total, Indirect Costs — Accounting Division.....</i>		<i>\$17 670</i>

Auditing Division

Account Number 00-10-09-000

1. Gerald E. Brown, 0215, Accountant I.....	N	\$ 5 700
2. Albert E. Marien, 5042, Accountant I.....	N	5 700
3. ———, Accountant I.....	N	5 000

4. C. Roland Alderson, 0204, Accountant II.....	N	7 980
5. Charles O. Parvin, 0208, Accountant II.....	N	7 770
6. Sidney M. Stafford, 0202, Accountant III.....	N	8 700
7. David W. Bonham, 7485, Procedures and Systems Analyst	N	9 700
8. Henry T. Kink, 0201, Assistant Auditor.....	N	9 800
9. V. Darlene Scott, 0210, Clerk-Stenographer III.....	N	4 200
<i>Total, Auditing Division.....</i>		<u>\$64 610</u>

INDIRECT COSTS — AUDITING DIVISION

Account Number 40-10-09-000

1. Mary K. Fahrnkopf, 0209, Accountant I.....	N50	\$ 2 400
2. Robert C. Olson, 0203, Accountant II.....	N	7 980
<i>Total, Indirect Costs — Accounting Division.....</i>		<u>\$10 380</u>

Bursar's Division

Account Number 00-10-10-000

1. Robert E. Gentry, 7919, Assistant to Bursar.....	N	\$ 9 800
2. William M. Griffith, 7920, Assistant to Bursar.....	N	10 600
3. R. W. Zimmer, 0238, Assistant Bursar.....	N	10 600
4. Ronald F. Morrill, 7867, Cashier II.....	ZN	.....
(Paid from Residence Halls)		
5. Ray W. Van Camp, 0247, Cashier II.....	N	4 680
6. Dale T. Boyer, 0245, Cashier III.....	N	6 660
7. Paul J. Foil, 0246, Cashier III.....	N	6 930
8. Ruth E. Dodson, 7247, Clerk II.....	N	2 640
9. Karen K. Duncan, 7037, Clerk II.....	ZN	.....
(Paid from Temporary Family Housing)		
19. Carol A. Hall, 6570, Clerk II.....	N	3 120
11. Martha M. Warnes, 7035, Clerk III.....	N	3 180
12. Mary I. Crowley, 0254, Payroll Clerk I.....	N	3 180
13. Virginia L. Elder, 0252, Payroll Clerk I.....	N	2 400
14. Betty A. Cekander, 0250, Payroll Clerk II.....	N	3 870
15. Edith B. Reimann, 6346, Payroll Clerk II.....	N	3 870
16. J. R. Carlson, 0249, Payroll Clerk III.....	N	6 090
17. Margaret C. Mehr, 0251, Payroll Clerk III.....	N	5 580
18. Hortense S. Johnson, 0248, Chief Payroll Clerk.....	N	7 020
19. Marlene A. Chandler, 0266, Typing Clerk II.....	N	2 940
20. Sandra C. Lewis, 0267, Clerk-Stenographer II.....	N	3 390
21. Alwynne G. Paulson, 0261, Secretary — Stenographic.....	N	4 740
22. R. F. Wood, 0240, Supervisor of Credit Collections.....	N	8 370
23. _____, _____.....	N	2 700
24. _____, _____.....	N	2 700
<i>Total, Bursar's Division.....</i>		<u>\$115 060</u>

INDIRECT COSTS — BURSAR'S DIVISION

Account Number 40-10-10-000

1. John K. Stanley, 6979, Accountant I.....	N	\$ 4 890
2. S. Edward Read, 0242, Accountant II.....	N	8 250
3. Judith Ann Zindars, 6128, Clerk II.....	N50	1 200
4. Leah D. Vincent, 8078, Clerk III.....	N	3 480
5. Helen P. Hites, 7150, Accounting Clerk I.....	N	3 780
6. Lucille Ekiss, 5782, Accounting Clerk II.....	N	4 350
7. Donald C. Padgett, 5956, Accounting Clerk II.....	N	5 280
8. Anna L. Yao, 7345, Accounting Clerk II.....	N	3 480
9. Rene I. Robertson, 7036, Typing Clerk II.....	ZN33	870
(Total Salary)		(2 640)
10. _____, 0270, Typing Clerk II.....	N	2 700
11. Barbara K. Ryan, 0265, Clerk-Stenographer III.....	N	3 660
12. Beverly A. Brown, 0271, Clerk-Typist II.....	N	2 760
<i>Total, Indirect Costs — Bursar's Division.....</i>		<u>\$44 700</u>

LOAN OPERATING EXPENSE

Account Number 70-10-10-910

1. Marilyn J. Hawkins, 7622, Accounting Clerk I.....	N50	\$ 1 560
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2. Carlene S. Wright, 0268, Clerk-Typist I.....	N	2 640
3. Nancy C. Barcus, 0269, Clerk-Typist III.....	N	3 780
<i>Total, Loan Operating Expense.....</i>		<u>\$ 7 980</u>

Purchasing Division

Account Number 00-10-11-000

1. _____, 5526, Purchasing Assistant I.....	N	\$ 5 220
2. Wendell E. Crawford, 0282, Purchasing Assistant II.....	ZN80	6 120
(Total Salary)		(7 650)
3. John W. Gomperts, 0281, Purchasing Assistant II.....	N	7 890
4. R. F. Hott, 0278, Purchasing Assistant II.....	ZN40	3 360
(Total Salary)		(8 400)
5. Max M. Matthews, 0276, Purchasing Assistant II.....	ZN75	5 430
(Total Salary)		(7 230)
6. George W. Kinningham, 0277, Purchasing Assistant III....	N	9 000
7. Glenn E. Musgrave, 1807, Assistant to Military Property Custodian.....	N	7 200
8. Gladys A. Carlson, 0294, Clerk II.....	N	3 090
9. Edith R. Carr, 0288, Clerk III.....	N	3 990
10. Pearl L. McCollough, 0297, Clerk III.....	N	3 720
11. William E. Wells, 1809, Chief Clerk.....	N	5 700
12. Norman Greaves, 1815, Stores Clerk.....	N	4 140
13. Derald D. Meier, 7510, Stores Clerk.....	N	4 200
14. Hazel M. Corray, 0301, Typing Clerk II.....	N	3 150
15. Helen C. Goings, 0299, Clerk-Typist II.....	N	2 850
16. Merrian E. Lourash, 0293, Clerk-Typist II.....	N	3 060
17. Naomi E. Sanders, 0289, Clerk-Typist II.....	N	3 000
18. Masaye Yanagisawa, 0302, Clerk-Typist II.....	N	2 850
19. Molly M. Shoaf, 0292, Clerk-Typist III.....	N	3 660
20. Barbara J. Williamson, 0296, Clerk-Typist III.....	N	3 240
21. Lester E. Elliott, 0274, Assistant Director of Purchases...	N	10 700
22. Paul B. Bruns, 0305, Routeman Helper.....	N	4 272
23. Paul O. Murrell, 0304, Routeman Helper.....	N	4 740
24. W. H. Whetstone, 0275, Traffic Manager.....	N	8 400
25. Bernice E. Bothwell, 0284, Secretary — Stenographic....	N	4 740
26. Reuben C. Deedrick, 1814, Storekeeper.....	N	5 250
27. Charles L. Hoch, 0303, Central Receiving Station Super- visor.....	N	7 050
<i>Total, Purchasing Division.....</i>		<u>\$136 022</u>

STORES — GENERAL CHEMICAL STORES OVERHEAD

Account Number 08-10-11-933

1. Wendell E. Crawford, 0282, Purchasing Assistant II.....	ZN20	\$ 1 530
2. Lella R. Lancaster, 5053, Clerk-Typist III.....	N	3 810
3. Willis S. Lemmon, 0314, Storekeeper.....	N	5 280
4. Charles F. Martin, 0313, Storekeeper.....	N	5 220
5. Donald R. Murphy, 0316, Storekeeper.....	N	5 220
6. John C. Schumacher, 0315, Storekeeper.....	N	5 250
7. L. E. Bailey, 0312, Stores Supervisor.....	N	7 900
<i>Total, Stores — General Chemical Stores Overhead....</i>		<u>\$34 210</u>

STORES — OFFICE SUPPLY OVERHEAD

Account Number 08-10-11-963

1. Max M. Matthews, 0276, Purchasing Assistant II.....	ZN25	\$ 1 800
2. Beatrice C. Sargent, 0311, Clerk II.....	N	2 820
3. James E. Creek, 0310, Stores Clerk.....	N	4 080
4. Patricia A. Burton, 7349, Clerk-Typist I.....	N	2 700
5. Raymond J. Kunza, 0306, Driver.....	P	5 610
6. Robert C. Hicks, 7763, Routeman.....	P	5 610
7. Robert E. Hagen, 5153, Storekeeper.....	N	4 800
8. Robert E. Soloman, 0309, Storekeeper.....	N	5 280
9. L. W. Williamson, 0308, Stores Supervisor.....	N	8 000

10. Ralph R. Squire, 5527, Assistant Supervisor of Central Receiving Station	N	5 220
<i>Total, Stores — Office Supply Overhead.....</i>		<u>\$45 920</u>

INDIRECT COSTS — PURCHASING DIVISION

Account Number 40-10-11-000

1. Raymond G. Drollinger, 7866, Purchasing Assistant I.....	N	\$ 4 800
2. Richard A. Martin, 5209, Purchasing Assistant I.....	N	6 180
3. Donald F. Gillogly, 0279, Purchasing Assistant II.....	N	7 550
4. Gayanne E. Gates, 7889, Clerk-Typist II.....	N	2 760
5. Marcia K. Lecher, 0295, Clerk-Typist II.....	N	2 910
6. Peggy L. Matsler, 0285, Clerk-Typist II.....	N	3 090
7. Astrid E. Zehner, 0208, Clerk-Typist II.....	N	2 700
8. ———, 1597, Clerk-Typist II.....	N	2 880
9. Wendell G. Viles, 6935, Routeman Helper.....	N	4 740
<i>Total, Indirect Costs — Purchasing Division.....</i>		<u>\$37 610</u>

Admissions and Records

Account Number 00-10-13-000

1. Charles V. Ellington, 7832, Procedures and Systems Analyst.....	N	\$ 9 100
2. Eleanor R. Dunn, 0345, Clerk I.....	N	2 550
3. Virginia L. Butch, 0330, Clerk II.....	N	2 400
4. Loretta E. Friihauf, 0337, Clerk II.....	N	2 910
5. Lois J. Lube, 0352, Clerk II.....	N	2 550
6. Nila J. McAfee, 0360, Clerk II.....	N	2 550
7. Mary L. Switzer, 0340, Clerk II.....	N	3 240
8. ———, 7830, Clerk II.....	N	3 000
9. Lois F. Baker, 0351, Clerk III.....	N	3 150
10. Jo Carolyn Beebe, 0349, Clerk III.....	N	3 210
11. Shirley M. Burr, Clerk III.....	N	3 000
12. Gwen A. Cloyd, 0332, Clerk III.....	N	3 900
13. Dorothy D. Crane, 7187, Clerk III.....	N	3 360
14. Katherine R. Crowley, 0329, Clerk III.....	N	3 870
15. Mary I. Dean, 0342, Clerk III.....	N	3 180
16. Roxana W. Duquette, 7185, Clerk III.....	N	3 600
17. Grace Jackson, 0336, Clerk III.....	N	3 270
18. Erma C. Koehn, 0333, Clerk III.....	N	3 510
19. Marlene A. Larson, 0344, Clerk III.....	N	3 180
20. Janet A. Marbry, 7168, Clerk III.....	N	3 210
21. Marianne Mosey, 0362, Clerk III.....	ZN ₅₀	1 725
(Total Salary)		(3 450)
22. Ruby F. Murphy, 0334, Clerk III.....	N	3 180
23. Dorothy J. Rodman, 7366, Clerk III.....	N	4 050
24. ———, Clerk III.....	N	3 000
25. ———, 0328, Clerk III.....	N	3 000
26. Jo Ann E. Best, 0355, Typing Clerk II.....	N	2 850
27. Reiko S. Johnson, 0359, Typing Clerk II.....	N	2 550
28. Beverly A. Purcell, 7172, Typing Clerk III.....	N	3 000
29. Rosa L. Cornell, 7838, Clerk-Stenographer II.....	N	2 850
30. Willeta M. Donaldson, 0338, Clerk-Stenographer II.....	N	3 030
31. Judith Griffith, 6420, Clerk-Stenographer II.....	N	2 700
32. Clarine M. Hatfield, 0331, Clerk-Stenographer II.....	N	3 300
33. Nanita L. Patterson, 7163, Clerk-Stenographer II.....	N	2 850
34. Mary C. Shumate, 7300, Clerk-Stenographer II.....	N	2 880
35. Janet E. Ryan, 0327, Clerk-Stenographer III.....	N	3 900
36. ———, 7204, Clerk-Stenographer III.....	N	3 600
37. Mary L. Anderson, 0356, Clerk-Typist II.....	N	2 520
38. Peggy J. Apperson, 7199, Clerk-Typist II.....	N	2 730
39. Carolyn Cline, 5348, Clerk-Typist II.....	N	2 520
40. Sharon B. Foust, 6510, Clerk-Typist II.....	N	2 880
41. Marjory Goodall, 0415, Clerk-Typist II.....	N	2 730
42. Patricia A. Keplinger, 0339, Clerk-Typist II.....	N	2 400

43. Lieselotte E. M. Loewe, 7833, Clerk-Typist II.....	N	3 180
44. Linda L. Mayhall, 6509, Clerk-Typist II.....	N	2 760
45. Glenda M. Robertson, 7173, Clerk-Typist II.....	N	2 580
46. Sandra L. Wallace, 7893, Clerk-Typist II.....	N	2 550
47. Artheen K. Winters, 0346, Clerk-Typist II.....	N	2 700
48. —————, 0335, Clerk-Typist II.....	N	2 580
49. —————, 0353, Clerk-Typist II.....	N	3 000
50. Carol A. Benschneider, 0347, Clerk-Typist III.....	N	3 000
51. Adelia L. Casey, 0416, Clerk-Typist III.....	N	3 510
52. Mary W. Hopkins, 6956, Clerk-Typist III.....	N	3 300
53. Beverly J. Pedersen, 0357, Clerk-Typist III.....	N	3 180
54. Rita R. Rund, 7161, Clerk-Typist III.....	N	3 210
55. George R. Dinsmore, 0320, Examiner.....	N	8 400
56. Paul M. Garman, 7416, Examiner.....	N50	3 500
(Total Salary)		(7 000)
(Also academic)		
57. M. Zella Hall, 0318, Examiner.....	ZN25	2 100
(Total Salary)		(8 400)
58. Harriet E. Hamm, 0317, Examiner.....	N	8 400
59. James R. Payne, 6832, Examiner.....	N	7 120
60. Edward J. Smith, 0319, Examiner.....	ZN75	6 150
(Total Salary)		(8 190)
61. Robert H. Ewalt, 7936, Assistant Examiner.....	N75	3 990
62. —————, Assistant Examiner.....	N	4 500
63. Rosemary M. Shroyer, 0364, Card Punch Operator I.....	N	2 760
64. Beatrice A. Hunka, 0363, Card Punch Operator II.....	N	2 850
65. O. Dwayne Denhart, 7310, Tabulating Machine Operator II.....	N	4 230
66. Dorothy Clark, 0322, Recorder.....	N	8 400
67. M. Priscilla Howe, 0321, Recorder.....	N	8 400
68. Rosene A. Hawthorne, 0324, Assistant Recorder.....	N	6 450
69. Myra C. Rucker, 0326, Assistant Recorder.....	N	6 150
70. May R. Sanders, 0325, Assistant Recorder.....	N	6 150
71. Vivian Wood, 7823, Assistant Recorder.....	N	4 860
72. Ruth M. Taylor, 0365, Secretary — Transcribing.....	ZN50	2 100
(Total Salary)		(4 200)
73. Elizabeth L. Bailie, 6973, Administrative Secretary — Stenographic.....	N	7 560
74. Robert E. Belmar, 5509, Tabulating Machine Supervisor..	N	6 750
Total, Admissions and Records.....		\$279 355

Accountancy Committee Revolving

Account Number 12-10-13-001

1. Betty A. Dexter, 0358, Clerk II.....	N50	\$ 1 590
2. Marianne Mosey, 0362, Clerk III.....	ZN50	1 725
3. —————, 0354, Clerk-Typist II.....	N	2 880
4. M. Zella Hall, 0318, Examiner.....	ZN75	6 300
Total, Accountancy Committee Revolving.....		\$12 495

Entrance Examinations Revolving

Account Number 12-10-13-022

1. Audrey L. Lamb, 0341, Clerk-Stenographer II.....	N	\$ 2 820
2. Edward J. Smith, 0319, Examiner.....	ZN25	2 040
Total, Entrance Examinations Revolving.....		\$ 4 860

Indirect Costs — Admissions and Records

Account Number 40-10-13-000

1. Ruth Ann Reifsteck, 6009, Clerk-Stenographer II.....	N	\$ 3 210
Total, Indirect Costs — Admissions and Records.....		\$ 3 210

Legal Counsel

Account Number 00-10-15-000

1. Erma L. Gustafson, 5206, Clerk-Stenographer III.....	N	\$ 3 990
2. Warren H. Glockner, 5098, Assistant Legal Counsel.....	N	7 200

3. James E. Harmon, 7246, Assistant Legal Counsel.....	N	10 050
4. Earl L. Palmberg, 0403, Assistant Legal Counsel.....	N	10 890
5. John J. Templin, 5195, Assistant Legal Counsel.....	N	9 960
6. Mary N. Fickel, 0404, Secretary — Stenographic.....	N	6 240
7. Adeline M. Wilson, 0405, Secretary — Stenographic.....	N	4 440
<i>Total, Legal Counsel.....</i>		<u>\$52 770</u>

Nonacademic Personnel

Account Number 00-10-16-000

1. Nancy A. Wilson, 6664, Personnel Assistant II.....	N	\$ 4 140
2. Grace M. Gifford, 0370, Administrative Clerk.....	N	7 380
3. Doris K. Wylie, 0382, Chief Clerk.....	N	4 560
4. Janet L. Flores, 0383, Clerk-Typist II.....	N ⁵⁰	1 560
5. Mary J. Larson, 0384, Clerk-Typist II.....	N	3 000
6. Marilena N. Stone, 0381, Clerk-Typist II.....	N	3 180
7. Judith A. Primmer, 0378, Clerk-Typist III.....	N	3 480
8. Ruth E. Harris, 0366, Assistant Director of Nonacademic Personnel.....	N	10 830
9. Irene K. Dorsey, 0375, Visiting Nurse.....	N	5 100
10. ———, Labor Relations Officer.....	N	10 000
11. Donald R. Volm, 7914, Personnel Officer I.....	N	6 450
12. Bernard J. Williams, 6317, Personnel Officer I.....	N	7 000
13. William J. Hylbert, 0374, Placement Officer.....	N	7 400
14. Donald W. Swift, 0369, Placement Officer.....	N	7 400
15. ———, 0372, Secretary — Stenographic.....	N	4 500
<i>Total, Nonacademic Personnel.....</i>		<u>\$85 980</u>

Stenographic Service

Account Number 09-10-16-978

1. Rosetta McDaniel, 0396, Clerk II.....	N	\$ 2 700
2. Scharlette M. Paul, 7484, Clerk II.....	N	2 820
3. Gwendolyn G. Baud, 0389, Clerk III.....	N	3 690
4. ———, 0397, Typing Clerk II.....	N	2 400
5. Lois M. Brown, 0400, Clerk-Typist II.....	N	3 510
6. Carol J. Dawson, 0394, Clerk-Typist II.....	N	3 000
7. Dorothy M. Jordan, 7347, Clerk-Typist II.....	N	2 520
8. ———, 7373, Clerk-Typist II.....	N	2 520
9. Harriett E. Hines, 0390, Duplicating Machine Operator II	N	3 060
10. Nancy A. Shenlund, 0392, Duplicating Machine Operator II	N	2 820
11. Kenneth B. Cooley, 6475, Duplicating Machine Operator III	N	5 340
12. Allan E. Trinkle, 0388, Duplicating Machine Operator III	N	5 340
13. Esther C. Landin, 0387, Duplicating Service Supervisor..	N	7 500
14. Betty L. Carlson, 0398, Vari-Typist II.....	N	3 240
<i>Total, Stenographic Service.....</i>		<u>\$50 460</u>

Indirect Costs — Nonacademic Personnel

Account Number 40-10-16-000

1. Estella H. Deters, 0379, Clerk-Typist II.....	N	\$ 3 000
2. Anabel C. Gilroy, Secretary — Stenographic.....	N	6 600
<i>Total, Indirect Costs — Nonacademic Personnel.....</i>		<u>\$ 9 600</u>

Public Information

Account Number 00-10-18-000

1. Judith A. Torbeck, 7195, Clerk-Typist II.....	N	\$ 2 880
2. Helen B. Wolfram, 1749, Clerk-Typist III.....	N	3 510
3. A. R. Wildhagen, 1745, Assistant Director of Public In- formation.....	N	9 500
4. ———, 7171, Assistant Director of Public Informa- tion.....	N	9 000
5. Helen H. Ogata, 1748, Secretary — Stenographic.....	N	5 610
6. Nancy Cabbage, 8137, Editorial Writer.....	N	(4 200)

7. Ellenor Tallmadge, 1747, Editorial Writer.....	N	5 670
8. Ruth E. Weinard, 1750, Editorial Writer.....	N	4 800
<i>Total, Public Information.....</i>		<u>\$40 970</u>

Blueprinting and Photography Service

Account Number 09-10-18-906

1. Elizabeth A. Moore, 1741, Clerk II.....	N	\$ 3 300
2. Mary Flandorfer, 1742, Typing Clerk I.....	N	2 670
3. James L. Tarr, 1734, Manager of Photographic Laboratory	N	8 600
4. Charles S. Lane, 1740, Assistant Manager of Photographic Laboratory.....	N	6 150
5. Kenneth D. Lester, 1736, Assistant Manager of Photographic Laboratory	N	6 600
6. Olive E. Mason, 1737, Photographer I.....	N	4 020
7. Charles A. Carrington, 1735, Photographer II.....	N	5 250
8. Vernon D. Turpin, 1738, Photographer II.....	N	4 800
9. ———, 7340, Photographer II.....	N	4 200
10. ———, 1743, Photographic Technician I.....	N	2 220
11. ———, 7124, Photographic Technician I.....	N	3 240
12. ———, 1744, Photographic Technician I.....	N	2 700
13. Marjorie F. Burgess, 7759, Photographic Technician II...	N	3 360
14. Ben R. Jeffords, 7461, Photographic Technician II.....	N	3 630
15. Billy L. Prather, 7167, Photographic Technician II.....	N	3 540
<i>Total, Blueprinting and Photography Service.....</i>		<u>\$64 340</u>

Dean of Students**General**

Account Number 00-10-20-000

1. Margaret L. McCoy, 6096, Personnel Assistant I.....	N	\$ 3 180
2. Cherie D. Lenz, 0411, Chief Clerk.....	N	4 410
3. Twila C. Jarrett, 0407, Clerk-Stenographer II.....	N	3 360
4. Frances R. Fechtig, 0409, Clerk-Stenographer III.....	N	3 630
5. Nathalie McLaughlin, 6110, Clerk-Stenographer III.....	N	3 300
6. India Mathis, 0410, Placement Officer.....	N	6 600
7. Mary Ann Schneider, 0408, Secretary — Stenographic...	N	4 500
8. Hazel A. Yates, 0406, Administrative Secretary — Stenographic.....	N	7 800
<i>Total, Dean of Students — General.....</i>		<u>\$36 780</u>

Dean of Men

Account Number 00-10-21-000

1. Janice Y. Burkholder, 0412, Clerk-Stenographer II.....	N	\$ 3 180
2. Barbara J. Curry, 7157, Clerk-Stenographer II.....	N	3 030
3. Joyce May, 7967, Clerk-Stenographer III.....	N	4 200
<i>Total, Dean of Men.....</i>		<u>\$10 410</u>

Dean of Women

Account Number 00-10-22-000

1. Mary A. Reiman, 0422, Chief Clerk.....	N	\$ 4 410
2. Mary L. Zimmerman, 2864, Residence Halls Clerk.....	G	1 920
(Nine months)		
3. Evelyn M. Buckley, 0423, Clerk-Stenographer II.....	N	3 750
4. Sandra H. Holland, 7891, Clerk-Stenographer II.....	N	2 940
5. Carolyn M. Ohl, 6957, Clerk-Stenographer II.....	N	3 360
6. Nancy A. Reedy, 0424, Clerk-Stenographer III.....	N	3 750
7. Sally K. Gamboa, 0421, Secretary — Stenographic.....	N	4 800
<i>Total, Dean of Women.....</i>		<u>\$24 930</u>

Housing Division

Account Number 00-10-24-000

1. Joan F. McCreery, 0481, Clerk-Stenographer II.....	N	\$ 3 000
2. Edith A. Campbell, 0480, Clerk-Typist II.....	N	3 180

3. Clara D. Fay, 0474, Housing Coordinator.....	N	7 650
4. Albert Kaufman, Jr., 0473, Assistant Director of Housing for Off-Campus Housing.....	N	6 600
5. Ruth C. Heicke, 0478, Housing Consultant.....	N	3 900
6. Robert C. Ross, Jr., 0479, Housing Consultant.....	N	4 200
<i>Total, Housing Division.....</i>		<u>\$28 530</u>

Coordinating Placement Office

Account Number 00-10-26-000

1. Helen M. Russell, 6602, Clerk III.....	N	\$ 4 110
2. Syble E. Henderson, 0482, Placement Officer.....	N	6 300
<i>Total, Coordinating Placement Office.....</i>		<u>\$10 410</u>

Security Office

Account Number 00-10-28-000

1. Darlene C. Blair, 0490, Clerk II.....	N	\$ 2 760
2. Rosemary J. Renfrew, 7540, Typing Clerk II.....	N	2 610
3. Bertha J. Sunderman, 6679, Typing Clerk III.....	N	3 390
4. Frances W. Herdien, 0488, Clerk-Stenographer II.....	N	3 450
5. Muriel S. Libby, 0487, Secretary — Stenographic.....	N	5 340
6. Paul D. Walker, 7079, Supervisor of Motor Vehicle Di- vision.....	N	6 330
7. Joseph E. Blaze, 0484, Supervisor of Security and Traffic (Total Salary)	ZN50	5 265
<i>Total, Security Office.....</i>		<u>(10 530)</u> <u>\$29 145</u>

Health Service

Account Number 00-10-30-000

1. Janet E. Barr, 5499, Nurses' Aide.....	N	\$ 3 060
2. Roy W. Dart, 7132, Assistant to Director of Health Serv- ice.....	N	6 000
3. Sharon L. Brown, 4978, Typing Clerk II.....	N	2 880
4. Mary A. Buswell, 5253, Typing Clerk II.....	N	2 520
5. Mary C. Pahl, 6418, Typing Clerk II.....	N	2 670
6. Edwina D. Rusnak, 0432, Typing Clerk II.....	N	2 940
7. Mary S. Wedegaertner, 6580, Typing Clerk III.....	N	3 180
8. Judith M. Rudicil, 5458, Clerk-Stenographer II.....	N	3 570
9. Nedra K. Pridemore, 5574, Clerk-Stenographer III.....	N	3 300
10. Betty M. Ellis, 0429, Clerk-Typist II.....	N	3 120
11. Joyce J. Sage, 5575, Clerk-Typist II.....	N	2 760
12. Beatrice M. Wright, 6580, Clerk-Typist II.....	N50	1 680
13. ———, 0430, Clerk-Typist II.....	N50	1 400
14. ———, 5511, Clerk-Typist II.....	N	2 670
15. Wintress Gritten, 0433, Clerk-Typist III.....	N	3 600
16. Nancy P. Hensel, 0434, Clerk-Typist III.....	N	3 900
17. Martha A. Boose, 6667, Health Service Nurse.....	N	3 480
18. Dorothy A. Byers, 7610, Health Service Nurse.....	N	3 690
19. Rosemary J. Miller, 0439, Health Service Nurse.....	N	4 050
20. Marjorie H. Perkins, 0437, Assistant Head Health Service Nurse.....	N	4 680
21. Helen A. Freeman, 0436, Supervising Nurse.....	N	5 430
22. Vannie L. Sheiry, 0426, Secretary — Stenographic.....	N	5 970
23. Helen L. Hill, 0431, Secretary — Transcribing.....	N	4 500
24. Wilda Herndon, 5497, Clinical Laboratory Technician....	N	4 110
25. W. T. Coggsall, 0441, Laboratory and X-Ray Technician N		6 000
<i>Total, Health Service.....</i>		<u>\$91 160</u>

Auxiliary — McKinley Hospital

Account Number 18-10-31-720

1. John W. Rice, Hospital Administrator.....	N	\$ 7 500
2. Agnes B. Durham, 7551, Nurses' Aide.....	N	2 580
3. Mae N. Graham, 7329, Nurses' Aide.....	N	2 580

4. Sara F. Hackler, 8038, Nurses' Aide.....	N	2 400
5. ———, 6424, Nurses' Aide.....	N	2 220
6. Kathryn H. Brownlee, 7325, Clerk I.....	N	2 550
7. Joy D. Jamison, 7318, Clerk I.....	N	2 670
8. Judith E. Cartwright, 6749, Clerk-Typist III.....	N	3 180
9. Alice Armstrong, 0465, Second Cook.....	N	3 510
(Perquisites University — two meals)		
10. Eleanor G. Jackson, 0464, Second Cook.....	N	3 330
(Perquisites University — two meals)		
11. Ruth M. Siewert, 0463, Second Cook.....	N	3 720
(Perquisites University — two meals)		
12. Mildred K. Smock, 0466, Second Cook.....	N	3 180
(Perquisites University — two meals)		
13. Mary P. Wemhaner, 0443, Dietitian.....	N	5 160
14. Mary Ellen Breen, 0469, Kitchen Helper.....	N	3 210
(Perquisites University — two meals)		
15. Bertie Sitts, 0467, Kitchen Helper.....	N	2 640
(Perquisites University — two meals)		
16. Zora Swearingen, 0472, Kitchen Helper.....	N	3 030
(Perquisites University — two meals)		
17. Mary A. Warmbier, 0470, Kitchen Helper.....	N	3 000
(Perquisites University — two meals)		
18. ———, 0468, Kitchen Helper.....	N ₅₀	1 320
19. Robert Hopkins, 3047, Janitor.....	P	4 541
20. Paul N. Nornholm, 3046, Janitor.....	P	4 750
21. Eugene Kennedy, 7437, Kitchen Laborer.....	N	3 300
22. Charlotte Bossi, 8150, Medical Record Librarian.....	N	4 620
23. Mabel Carlisle, 7215, Maid.....	P	3 257
24. Cecil E. Swinehart, 0442, Business Manager of McKinley Hospital.....	N	7 100
25. Alma C. Hoag, 0445, Head Nurse.....	N	5 220
26. Betty Jane Dyer, 0461, Assistant Head Nurse.....	N	4 470
27. Wilma P. Hart, 0446, Assistant Head Nurse.....	N	4 770
28. Eva Lavenhagen, 0448, Assistant Head Nurse.....	N	4 800
29. Mary A. T. Leonard, 0447, Assistant Head Nurse.....	N	4 770
30. C. Rose Barlow, 7932, Licensed Practical Nurse.....	N	2 640
31. Lois I. Sadler, 7801, Licensed Practical Nurse.....	N	2 820
32. Rosemarie J. Allison, 0454, Staff Nurse.....	N	3 720
33. Elizabeth Bradbury, 0459, Staff Nurse.....	N ₅₀	1 830
34. Anna F. Jenco, 0450, Staff Nurse.....	N	3 060
35. Georgia M. Kitzmiller, 0455, Staff Nurse.....	N	3 060
36. Mary E. McElderry, 5386, Staff Nurse.....	N	3 720
37. Patricia Anne Nelson, 0456, Staff Nurse.....	N	3 720
38. Joyce E. Ord, 0460, Staff Nurse.....	N ₈₀	3 168
39. Ann R. Reynolds, 5492, Staff Nurse.....	N	3 720
40. Frieda S. M. Stute, 0458, Staff Nurse.....	N	4 200
41. Barbara M. Winans, 0451, Staff Nurse.....	N	3 060
42. ———, 0449, Staff Nurse.....	N ₅₀	1 710
43. ———, 5354, Staff Nurse.....	N	3 420
44. ———, 0453, Staff Nurse.....	N	3 420
45. Oleda Smith, 0444, Supervising Nurse.....	N	5 940
46. Helen S. Levine, 6011, Supervising Laboratory and X-ray Technician.....	N	5 340
47. Rudolph A. Champa, 7992, Medical X-ray Technician II..	N	5 040
48. Dorothy Batterton, 8193, Medical Technologist I.....	H ₅₀	2 100
49. Ann M. McCallum, 7968, Staff Physical Therapist.....	N	4 020
<i>Total, Auxiliary — McKinley Hospital.....</i>		<u>\$181 786</u>

Provost's Office

Student Counseling Service

Account Number 00-10-34-000

1. Marjorie J. Bergstrom, 0163, Personnel Assistant I.....	N	\$ 3 000
2. Mary Alice Black, 0164, Personnel Assistant I.....	N	2 550

3. Anita M. Diamond, 7245, Personnel Assistant I.....	N50	1 650
4. Margrith G. Mistry, 0168, Personnel Assistant I.....	N	2 940
5. M. Louise Nichols, 0167, Personnel Assistant I.....	N	2 730
6. Patricia C. Peters, 6811, Personnel Assistant I.....	N	2 700
7. ———, Personnel Assistant I.....	N	2 700
8. Lenore A. Parham, 0166, Personnel Assistant II.....	N	4 020
9. ———, Clerk-Typist II.....	N50	1 500
10. Lester M. Friend, 0162, Secretary — Stenographic.....	N	5 640
<i>Total, Student Counseling Service.....</i>		<i>\$29 430</i>

Bureau of Institutional Research

Account Number 00-10-40-000

1. John H. Fung, 0155, Accountant — Statistician.....	N	\$ 7 200
2. Shirley A. Poindexter, 5545, Statistical Clerk.....	N	3 900
3. Carol A. Duncan, 0157, Typing Clerk II.....	N	3 000
4. Sharon J. Parola, 8079, Typing Clerk II.....	N	2 760
5. Ruth M. Meisenheimer, 0158, Clerk-Stenographer III...	N	3 300
6. Rosemary J. Clarke, 0160, Clerk-Typist III.....	N	3 330
<i>Total, Bureau of Institutional Research.....</i>		<i>\$23 490</i>

Statistical Service Unit

Account Number 00-10-41-000

1. John C. Mahaffey, 6745, Accountant III.....	N	\$ 8 010
2. Charles M. Oehmke, 0171, Assistant Director of Statistical Service Unit.....	N	9 700
3. Gay L. Adair, 0187, Card Punch Operator I.....	N	2 520
4. Barbara G. Jeffords, 0189, Card Punch Operator I.....	N	2 520
5. Karen A. Kruze, 0180, Card Punch Operator I.....	N	2 520
6. Betty L. Blessing, 0185, Card Punch Operator II.....	N	2 910
7. Lynda L. Malooly, 7165, Card Punch Operator II.....	N	2 700
8. Regina Martorano, 0188, Card Punch Operator II.....	N	3 000
9. Marlene J. Thomas, 0184, Card Punch Operator II.....	N	3 000
10. Patricia J. Walters, 6044, Card Punch Operator III.....	N	4 350
11. Audrey L. Merz, 7781, Tabulating Machine Operator I...	N	3 000
12. Barbara S. Sowers, 7782, Tabulating Machine Operator I	N	3 000
13. ———, 7780, Tabulating Machine Operator I.....	N	3 000
14. Robert D. Mackey, 0176, Tabulating Machine Operator II.	N	3 840
15. Arleen M. Windler, 7271, Tabulating Machine Operator II	N	3 300
16. Mildred L. Dust, 0175, Tabulating Machine Operator III	N	5 490
17. Robert E. Haenny, 0182, Tabulating Machine Operator III	N	4 470
18. Robert S. Kosack, 0178, Tabulating Machine Operator III	N	4 830
19. John H. Kroener, 0177, Tabulating Machine Operator III	N	5 010
20. Edward G. Snow, 7472, Tabulating Machine Operator III	N	5 700
21. Charles R. Thomas, 8178, Computer Programmer I.....	N	6 000
22. Shirley McKim, 0174, Secretary — Stenographic.....	N	4 560
23. Ralph H. Heicke, 0172, Tabulating Machine Supervisor..	N	8 070
24. Raymond J. McCabe, 6824, Assistant Tabulating Machine Supervisor	N	5 760
25. Richard G. Waldbillig, 0173, Assistant Tabulating Machine Supervisor	N	7 200
<i>Total, Statistical Service Unit.....</i>		<i>\$114 460</i>

TABULATING SERVICE

Account Number 00-10-41-082

1. Mary L. Brashear, 0190, Card Punch Operator I.....	N	\$ 2 400
2. Mary E. Sarmiento, 7579, Card Punch Operator I.....	N	2 400
3. Lois P. Engelman, 7946, Computer Programmer I.....	N	5 160
<i>Total, Tabulating Service.....</i>		<i>\$ 9 960</i>

INDIRECT COSTS — STATISTICAL SERVICE UNIT

Account Number 40-10-41-000

1. Bud J. Meador, 0191, Assistant Director of Statistical Service Unit	N	\$ 8 200
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2. _____, Tabulating Machine Operator III.....	N	4 800
3. _____, Tabulating Machine Operator III.....	N	4 800
4. _____, 7854, Computer Programmer I.....	N	4 800
5. Donald C. Furtkamp, 5490, Assistant Tabulating Machine Supervisor.....	N	5 520
6. John H. Lee, 7537, Assistant Tabulating Machine Supervisor.....	N	5 340
<i>Total, Indirect Costs — Statistical Service Unit.....</i>		<u>\$33 460</u>

Central Office on the Use of Space

Account Number 00-10-44-000

1. John Scouffas, 8226, Space Analyst I.....	N	\$ 5 040
2. Catherine M. Thuney, 7520, Clerk-Stenographer II.....	N	3 180
3. Sheila Puklin, 7492, Clerk-Stenographer III.....	N	3 900
<i>Total, Central Office on the Use of Space.....</i>		<u>\$12 120</u>

Instructional Television

Account Number 00-10-45-100

1. Mae L. Pilkaniis, 7859, Clerk-Typist III.....	N	\$ 3 180
2. Stanton W. Saltzman, 7947, Television Director-Producer N		7 000
<i>Total, Instructional Television.....</i>		<u>\$10 180</u>

University Honors Programs

Account Number 00-10-48-000

1. Janet K. Abell, 7777, Clerk-Stenographer II.....	N	\$ 3 840
<i>Total, University Honors Programs.....</i>		<u>\$ 3 840</u>

Alumni Relations and Records

Account Number 00-10-50-000

1. Lovetta J. Arnold, 1759, Clerk II.....	N	\$ 2 820
2. Barbara Christensen, 1752, Clerk II.....	N	3 240
3. Velma L. Geisinger, 1754, Clerk II.....	N	3 180
4. Joan L. Smock, 1760, Clerk II.....	N	2 640
5. Kathryn L. Van Cleave, 1761, Clerk II.....	N	3 060
6. _____, 6692, Clerk II.....	N	3 000
7. Nancy M. Nelligan, 1753, Clerk III.....	N	3 480
8. Hazel G. Canfield, 1762, Accounting Clerk I.....	N	3 720
9. _____, 1758, Typing Clerk II.....	N	2 580
10. Patricia A. Keating, 1757, Clerk-Stenographer II.....	N	3 420
11. Suzanne C. Fess, 1751, Clerk-Stenographer III.....	N	3 780
<i>Total, Alumni Relations and Records.....</i>		<u>\$34 920</u>

Illini Center

Account Number 00-10-53-000

1. Janet L. Sleasman, 0494, Chief Clerk.....	N	\$ 4 800
2. Judith M. Lennon, 0495, Clerk-Stenographer II.....	N	4 260
<i>Total, Illini Center.....</i>		<u>\$ 9 060</u>

Building Program Committee

Account Number 00-10-62-000

1. Barbara J. Chirpe, 0491, Typing Clerk II.....	N	\$ 2 730
<i>Total, Building Program Committee.....</i>		<u>\$ 2 730</u>

Committee on Student English

Account Number 00-10-68-000

1. _____, 7217, Clerk-Typist II.....	N	\$ 2 400
2. Catherine M. Holst, 0492, Clerk-Typist III.....	N	3 180
<i>Total, Committee on Student English.....</i>		<u>\$ 5 580</u>

Safety and Accident Compensation

Account Number 00-10-94-000

1. Shirley P. Kelley, 7223, Clerk-Stenographer III.....	N	\$ 3 780
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2. John Morris, 7410, Safety Coordinator.....	N	10 300
3. Max N. Pike, 5451, Supervisor of Accident Compensation.....	N	7 050
<i>Total, Safety and Accident Compensation.....</i>		<u>\$21 130</u>
INDIRECT COSTS — WORKMEN'S COMPENSATION		
Account Number 40-10-94-001		
1. Alfreda G. Mitchell, 5933, Clerk-Stenographer II.....	N	\$ 3 420
2. Charles B. Wingstrom, 7394, Safety Inspector.....	N	8 400
<i>Total, Indirect Costs — Workmen's Compensation.....</i>		<u>\$11 820</u>

COLLEGE OF AGRICULTURE

Administration

College

Account Number 00-15-01-100

1. D. A. Gillespie, 5586, Division Chief Accountant.....	N	\$11 250
2. Neda A. Lyons, 0909, Clerk-Typist II.....	N	2 700
3. Eleanore M. Mendel, 1204, Clerk-Typist II.....	N	2 940
4. Patricia D. Stapp, 0911, Clerk-Typist III.....	N	3 360
5. Mary Svetez, 0905, Secretary — Stenographic.....	ZN94	5 640
(Total Salary)		(6 000)
6. Neva B. Millard, 0901, Administrative Secretary — Stenographic	N	7 800
<i>Total, Administration (College).....</i>		<u>\$33 690</u>

Station

Account Number 00-15-01-300

1. Larry G. Hess, 6421, Accountant I.....	N	\$ 5 370
2. Robert E. Sullivan, 5912, Accountant II.....	N	7 860
3. Elinor A. Corley, 0912, Clerk III.....	N	4 200
4. Eunice M. Mayhood, 7903, Clerk III.....	N	4 020
5. Mabel I. O'Neill, 0902, Chief Clerk.....	N	6 180
6. Judy A. Waddell, 0907, Clerk-Stenographer III.....	N	3 480
7. Marvis A. Fitzsimmons, 0910, Clerk-Typist II.....	N	2 580
8. Eugene E. Lowry, 0903, Office Supervisor.....	N	6 120
<i>Total, Administration (Station).....</i>		<u>\$39 810</u>

Extension

Account Number 00-15-01-400

1. Dorothy M. Huisinga, 7669, Accountant I.....	N	\$ 4 500
2. Glenn A. Cuerden, 7581, Commercial Artist I.....	N	4 200
3. ———, 1213, Clerk I.....	N	2 400
4. ———, 1216, Clerk I.....	N	2 880
5. Margaret G. Silver, 1201, Clerk II.....	N60	1 920
6. Mary E. Turner, 1200, Clerk II.....	N	3 300
7. ———, 1201, Clerk II.....	N40	1 200
8. Dorothy M. Conover, 1194, Clerk III.....	N	3 480
9. Dorothy K. Waller, 1192, Clerk III.....	N	4 200
10. Elizabeth Brown, 1207, Chief Clerk.....	N	5 580
11. Franklin G. Boyer, 7808, Stores Clerk.....	N	4 200
12. Connie M. Myers, 1211, Typing Clerk I.....	N	3 000
13. Betty A. Bruns, 1212, Typing Clerk II.....	N	3 120
14. Geraldine M. Baker, 1215, Clerk-Stenographer II.....	N	3 840
15. Sharon K. Young, 5916, Clerk-Stenographer III.....	N	3 540
16. Nancy A. Almquist, 6771, Clerk-Typist II.....	N	2 400
17. Mary F. Black, 1208, Clerk-Typist II.....	N	2 700
18. Rosemary I. Judy, 1217, Clerk-Typist II.....	N	3 300
19. Carol A. Maris, 1198, Clerk-Typist II.....	N	2 760
20. Yvonne Penhollow, 1209, Clerk-Typist II.....	N	2 820
21. Jo Ann Randolph, 7529, Clerk-Typist II.....	N	3 300
22. Judith P. Blackford, 1193, Clerk-Typist III.....	N	3 300
23. Ruth E. Lester, 1191, Clerk-Typist III.....	N	3 600
24. Patricia Meyers, 1197, Junior Illustrator.....	N	4 200

25. William N. Jenkins, 1226, Duplicating Machine Operator II	N	3 480
26. ———, 1224, Duplicating Machine Operator II....	N	2 880
27. Carl N. Empson, 1221, Duplicating Machine Operator III	N	5 460
28. Robert E. Hart, 6777, Duplicating Machine Operator III	N	4 200
29. Helen M. Bailey, 1225, Office Appliance Operator I....	N	2 820
30. Ronald B. Hudson, 1222, Office Appliance Operator II...	N	3 300
31. Rose Marie Dunn, 6373, Tabulating Machine Operator I	N	3 570
32. L. Katherine Darland, 1190, Secretary—Stenographic...	N	5 700
33. Ronald J. Smith, 1220, Storekeeper.....	N	5 130
34. Marion F. Berry, 1188, Office Supervisor.....	N	7 200
35. Patricia A. Close, 1218, Editorial Writer.....	N	5 220
<i>Total, Administration (Extension).....</i>		<u>\$128 760</u>

Agricultural Mimeographing Service

Account Number 09-15-01-902

1. Nancy L. Brown, 6315, Clerk I.....	N	\$ 3 000
2. Sarah Hollingsworth, 6820, Clerk I.....	N60	1 680
3. Charles H. Metzel, Jr., 7302, Clerk II.....	N	3 000
4. Rene Lara, 6141, Duplicating Machine Operator I.....	N	2 940
5. Richard M. Sheets, 7455, Duplicating Machine Operator I	N	2 820
6. ———, 7057, Duplicating Machine Operator I....	N	2 520
<i>Total, Agricultural Mimeographing Service.....</i>		<u>\$15 960</u>

Agricultural Departmental Revolving

Account Number 12-15-01-316

1. Delmar L. Hillman, 6318, Clerk III.....	N	\$ 4 200
2. Larry Lee King, 7884, Clerk III.....	N	3 300
3. Barbara J. Baldwin, 7494, Clerk-Typist II.....	ZN65	1 950
(Total Salary)		(3 000)
4. ———, 6984, Office Appliance Operator I.....	N50	1 350
<i>Total, Agricultural Departmental Revolving.....</i>		<u>\$10 800</u>

Agricultural Sales Revolving

Account Number 12-15-01-378

1. Roy F. Michael, 1032, Storekeeper.....	N	\$ 5 490
<i>Total, Agricultural Sales Revolving.....</i>		<u>\$ 5 490</u>

Hatch—Administration—General Administration of Federal Funds

Account Number 21-15-01-301

1. David R. Harmon, 1187, Clerk II.....	N	\$ 2 700
<i>Total, Hatch—Administration—General Administration of Federal Funds.....</i>		<u>\$ 2 700</u>

Robert Allerton Park

Account Number 44-15-01-401

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	1 500
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>		<u>\$31 620</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	\$ 3 900
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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	\$ 1 740
(Total Salary)		(3 480)
2. Doris J. Lamb, 6286, Clerk-Typist III.....	N	3 480
3. Mary Svetez, 0905, Secretary — Stenographic.....	ZN6	360
(Total Salary)		(6 000)
<i>Total, International Cooperation Administration — Foreign Visitors</i>		\$ 5 580

College

Agricultural Economics

Account Number 00-15-05-100

1. Sylvia J. King, 0947, Clerk-Stenographer III.....	N	\$ 3 780
<i>Total, Agricultural Economics (College)</i>		\$ 3 780

Station

Account Number 00-15-05-300

1. Betty I. Hansen, 5059, Clerk II.....	ZN33	\$ 990
(Total Salary)		(3 030)
2. Doris M. Roush, 0946, Clerk II.....	ZN50	1 650
(Total Salary)		(3 000)
3. Mary Margaret Graham, 0945, Clerk III.....	N	3 960
4. Frances C. Frick, 6983, Chief Clerk.....	N	4 470
5. Thelma S. O'Neil, 0944, Chief Clerk.....	N	6 000
6. Wanda K. Hallendorff, 0948, Clerk-Stenographer II.....	ZN70	2 085
(Total Salary)		(3 000)
7. ———, 0960, Clerk-Stenographer II.....	N50	1 530
8. ———, 0951, Clerk-Typist II.....	N	2 610
9. Mary J. Whitman, 0950, Office Appliance Operator I.....	N	2 760
10. Margaret R. Henry, 5366, Office Appliance Operator II..	ZN12	345
(Total Salary)		(2 850)
11. Ruth Gorrell, 0940, Secretary — Stenographic.....	N	6 000
12. Dolores L. Bowers, Statistician I.....	ZN36	1 350
(Total Salary)		(3 720)
<i>Total, Agricultural Economics (Station)</i>		\$33 750

Farm Management Service

Account Number 09-15-05-926

1. Doris M. Roush, 0946, Clerk II.....	ZN40	\$ 1 350
2. Audrey I. Wynn, 0236, Typing Clerk II.....	ZN50	1 530
(Total Salary)		(3 100)
<i>Total, Farm Management Service</i>		\$ 2 880

Farm Accounting Revolving

Account Number 12-15-05-326

1. Carolyn S. Graham, 0966, Office Appliance Operator I....	N	\$ 2 760
2. ———, 0965, Office Appliance Operator I.....	N	2 400
3. ———, 0967, Office Appliance Operator I.....	N	2 400
4. Bernice Piskie, 0964, Office Appliance Operator II.....	N	2 820
<i>Total, Farm Accounting Revolving</i>		\$10 380

Hatch — Economics — Farm Accounting Investigation

Account Number 21-15-05-301

1. Karen L. Strack, 7651, Clerk-Stenographer II.....	N50	\$ 1 590
2. Dorris M. Albin, 0962, Office Appliance Operator II.....	N	2 880
3. Margaret R. Henry, 5366, Office Appliance Operator II...	ZN88	2 505
<i>Total, Hatch — Economics — Farm Accounting Investigation</i>		\$ 6 975

Hatch — Economics — Land Use Crop Utilization

Account Number 21-15-05-304

1. Wanda K. Hallendorff, 0948, Clerk-Stenographer II.....	ZN30	\$ 915
2. Ardith J. Lawson, 3050, Office Appliance Operator II.....	N	2 820
<i>Total, Hatch — Economics — Land Use Crop Utilization</i>		<u>\$ 3 735</u>

Hatch — Economics — Expanding Milk Markets

Account Number 21-15-05-343

1. Sally Q. Reiss, 6614, Clerk-Typist II.....	N	\$ 2 790
<i>Total, Hatch — Economics — Expanding Milk Markets.</i>		<u>\$ 2 790</u>

Hatch — Economics — Egg Marketing

Account Number 21-15-05-361

1. Patricia J. Wenzel, 0958, Clerk-Stenographer II.....	N	\$ 3 000
<i>Total, Hatch — Economics — Egg Marketing.....</i>		<u>\$ 3 000</u>

Hatch — Economics — Analysis of Farm Price and Income

Account Number 21-15-05-381

1. Dolores L. Bowers, 0953, Statistician I.....	ZN64	\$ 2 370
<i>Total, Hatch — Economics — Analysis of Farm Price and Income</i>		<u>\$ 2 370</u>

Hatch — Economics — Measuring Farm Produce Demand

Account Number 21-15-05-383

1. Deanne K. Spencer, 0954, Clerk-Typist III.....	N	\$ 3 780
<i>Total, Hatch — Economics — Measuring Farm Produce Demand.....</i>		<u>\$ 3 780</u>

Regional Research Fund — Economics — Dairy Marketing NCM12

Account Number 23-15-05-341

1. Betty I. Hansen, 5059, Clerk II.....	ZN67	\$ 2 040
<i>Total, Regional Research Fund — Economics — Dairy Marketing NCM12</i>		<u>\$ 2 040</u>

Regional Research Fund — Economics — Dairy Marketing Trust NCM12

Account Number 23-15-05-344

1. Patricia J. Barham, 5592, Clerk-Typist III.....	N	\$ 3 390
<i>Total, Regional Research Fund — Economics — Dairy Marketing Trust NCM12.....</i>		<u>\$ 3 390</u>

Regional Research Fund — Economics — Pricing and Trading Practices for Grain in Illinois NCM19

Account Number 23-15-05-372

1. Renie S. Cohen, 6823, Clerk II.....	N	\$ 2 640
<i>Total, Regional Research Fund — Economics — Pricing and Trading Practices for Grain in Illinois NCM19</i>		<u>\$ 2 640</u>

College Agricultural Engineering

Account Number 00-15-10-100

1. Marjorie G. Freebairn, 0969, Clerk III.....	N	\$ 4 200
2. H. W. Hempler, 0973, Senior Laboratory Mechanic.....	N	6 480
<i>Total, Agricultural Engineering (College).....</i>		<u>\$10 680</u>

Station

Account Number 00-15-10-300

1. William F. Baker, 7737, Accountant I.....	N	\$ 5 340
2. Arthur L. Carlson, 0974, Senior Laboratory Attendant....	N	5 250
3. Barbara J. Baldwin, 7494, Clerk-Typist II.....	ZN35	1 050
<i>(Total Salary)</i>		<u>(3 000)</u>
4. Ruth C. Mann, 7243, Clerk-Typist II.....	N50	1 800

5. Georgianna Noel, 0970, Clerk-Typist III.....	N	4 200
6. John P. Challas, 0977, Draftsman.....	N	4 200
7. Kenneth R. Umbarger, 6835, Fieldman.....	N	5 040
8. Howard A. Clennon, 8070, Farm Mechanic.....	N	4 200
9. James R. Johnstone, 7111, Junior Laboratory Mechanic... ZN10		570
(Total Salary)		(5 700)
10. Roy W. Brockett, 0976, Senior Laboratory Mechanic.....	N	6 540
Total, <i>Agricultural Engineering (Station)</i>		\$38 190

Hatch—Engineering—Efficiency in Farm Buildings

Account Number 21-15-10-374

1. James R. Johnstone, 7111, Junior Laboratory Mechanic... ZN50	\$ 2 850
Total, <i>Hatch—Engineering—Efficiency in Farm Buildings</i>	\$ 2 850

Regional Research Fund—Engineering—Optimum Pig Environment Farrowing

Account Number 23-15-10-371

1. James R. Johnstone, 7111, Junior Laboratory Mechanic... ZN15	\$ 855
Total, <i>Regional Research Fund—Engineering—Optimum Pig Environment Farrowing</i>	\$ 855

Cooperative Investigations

PORTLAND CEMENT ASSOCIATION—FARM STRUCTURES

Account Number 44-15-10-367

1. James R. Johnstone, 7111, Junior Laboratory Mechanic... ZN25	\$ 1 425
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STATE OF ILLINOIS DIVISION OF HIGHWAYS—HIGHWAY

DRAINAGE LAWS AND PRACTICES

Account Number 47-15-10-317

1. Joann L. Bier, 7991, Clerk-Typist II..... ZN50	\$ 1 560
(Total Salary)	(3 120)

STATE OF ILLINOIS DIVISION OF HIGHWAYS—ROADSIDE COVER

Account Number 47-15-10-374

1. Joann L. Bier, 7991, Clerk-Typist II..... ZN50	\$ 1 560
2. Clifford W. Schilling, 7685, Junior Laboratory Mechanic... N	5 580
Total, <i>State of Illinois Division of Highways—Roadside Cover</i>	\$ 7 140

College**Agronomy**

Account Number 00-15-15-100

1. Virginia R. Patton, 0981, Clerk III.....	N	\$ 3 360
2. Susie G. Webster, 0984, Clerk-Typist II.....	N	3 510
3. Cecele E. Schlarmann, 0979, Office Supervisor.....	N	6 300
Total, <i>Agronomy (College)</i>		\$13 170

Station

Account Number 00-15-15-300

1. John M. Parker, 7639, Scientific Analyst.....	N	\$ 4 500
2. Francis P. Conerty, 0995, Junior Laboratory Attendant... N		4 460
3. Albert H. Hatchett, 0992, Junior Laboratory Attendant... N		4 320
4. Clarence W. Hayden, 6690, Junior Laboratory Attendant. ZN19		810
(Total Salary)		(1 710)
5. Cheng-Yin Cheng, 0994, Senior Laboratory Attendant....	N	4 800
6. Nelle G. Pieper, 0982, Clerk II.....	N	3 300
7. Elvera Keen, 7890, Clerk III.....	N	3 600
8. Lulu B. Meyers, 0980, Chief Clerk.....	N	6 300
9. Norma J. Templin, 6616, Chief Clerk.....	N75	3 780
10. Jean A. Swanson, 7025, Statistical Clerk.....	N	3 000
11. Marilyn G. Johnson, 0988, Clerk-Typist II.....	N	3 000
12. Joy M. McCormick, 0986, Clerk-Typist II.....	N	3 000
13. Joyce A. Place, 0987, Clerk-Typist II.....	N	3 240

14. Brigitta Rasmussen, 0983, Clerk-Typist II.....	N	2 640
15. Ingeborg K. Steinke, 6507, Clerk-Typist II.....	N50	1 530
16. David R. Phillips, 7355, Cartographic Draftsman.....	N	4 680
17. Quentin A. Calder, 0997, Fieldman.....	N	5 100
(Perquisites University—housing)		
18. Elza R. Hawkins, Jr., 0908, Fieldman.....	N	5 040
19. Herbert M. Hayes, 1002, Fieldman.....	N	5 100
20. Archie R. Mahaffey, 1001, Fieldman.....	N	5 100
21. Joseph C. Mitsdarfer, 0999, Fieldman.....	N	5 100
22. Otis W. Pile, 1003, Fieldman.....	N	5 100
23. Queto J. Rennie, 1000, Fieldman.....	N	4 920
24. Richard R. Bell, 1004, Farm Foreman.....	N	5 400
(Perquisites University—housing)		
25. L. W. Clapp, 0996, Farm Foreman.....	N	5 970
26. Bob Hudson, 0388, Farm Foreman.....	N50	2 130
27. Charles Mahannah, Jr., 1006, Agricultural Gardener.....	N	5 040
28. Vivian M. Young, 0990, Office Appliance Operator II....	N	3 180
29. Gloria L. Hoffman, 7024, Statistician I.....	N	3 300
30. Kenneth E. Williams, 7906, Crops Testing Technician....	N	5 400
<i>Total, Agronomy (Station).....</i>		<u>\$122 840</u>

Corn Testing Revolving

Account Number 12-15-15-311

1. Gerald L. Ross, 6596, Crops Testing Technician.....	N	\$ 5 400
<i>Total, Corn Testing Revolving.....</i>		<u>\$ 5 400</u>

Hatch—Agronomy—Characteristics and Distribution of Selected Soils in Northwestern Illinois

Account Number 21-15-15-362

1. Ilona Sandorfi, 5307, Draftsman.....	N	\$ 3 780
<i>Total, Hatch—Agronomy—Characteristics and Distribution of Selected Soils in Northwestern Illinois....</i>		<u>\$ 3 780</u>

Hatch—Agronomy—Measurement Production Rate RTO

Account Number 21-15-15-372

1. Lucille J. Felgenhour, 0991, Clerk II.....	N	\$ 3 060
<i>Total, Hatch—Agronomy—Measurement Production Rate RTO</i>		<u>\$ 3 060</u>

Hatch—Agronomy—Physics of Water AK

Account Number 21-15-15-381

1. Clarence W. Hayden, 6690, Junior Laboratory Attendant..	ZN20	\$ 900
<i>Total, Hatch—Agronomy—Physics of Water AK.....</i>		<u>\$ 900</u>

Cooperative Investigations

ILLINOIS SEED PRODUCERS—CORN

Account Number 44-15-15-346

1. Donald E. Cler, 6203, Fieldman.....	N	\$ 5 040
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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	\$ 4 980
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U.S. ATOMIC ENERGY COMMISSION 791

Account Number 46-15-15-302

1. Donna J. Flesher, 6525, Senior Laboratory Attendant....	N	\$ 4 980
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U.S. NATIONAL SCIENCE FOUNDATION G 4407

Account Number 46-15-15-359

1. ———, 8024, Senior Laboratory Attendant.....	N	\$ 4 560
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U.S. NATIONAL SCIENCE FOUNDATION G9430

Account Number 46-15-15-360

1. James Richards, 7916, Junior Laboratory Attendant.....	N	\$ 4 120
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Stores — Feed Storage Overhead

Account Number 08-15-20-927

1. Marvene W. Blackmore, 6095, Clerk-Stenographer III....	ZN50	\$ 1 680
2. Ray Carmien, 7466, Fieldman.....	ZN50	2 460
3. Wayne E. Roberts, 5353, Herdsman Foreman.....	ZN33	1 960
4. Richard L. Munds, 1049, Herdsman.....	N	5 100
<i>Total, Stores — Feed Storage Overhead.....</i>		<u>\$11 200</u>

Hatch — Animal Science — Animal Nutrition

Account Number 21-15-20-306

1. William Casebeer, Jr., 1036, Senior Laboratory Attendant. ZN90	\$ 4 800
<i>Total, Hatch — Animal Science — Animal Nutrition....</i>	<u>\$ 4 800</u>

Hatch — Animal Science — Beef Cattle from Non-corn Acreage

Account Number 21-15-20-349

1. Jasper Lewis, 1030, Butcher.....	ZN50	\$ 3 060
<i>Total, Hatch — Animal Science — Beef Cattle from Non-corn Acreage</i>		<u>\$ 3 060</u>

Hatch — Animal Science — Physiology and Reproduction in Swine

Account Number 21-15-20-352

1. W. Walter Jackson, 6290, Herdsman.....	ZN63	\$ 3 212
(Total Salary)		(5 100)
<i>Total, Hatch — Animal Science — Physiology and Re- production in Swine.....</i>		<u>\$ 3 212</u>

Cooperative Investigations

MERCK AND COMPANY, INC. — GROWTH STIMULATION FOR SWINE

Account Number 44-15-20-346

1. James F. Bonnell, 5989, Herdsman.....	N	\$ 5 100
2. W. Walter Jackson, 6290, Herdsman.....	ZN37	1 888
<i>Total, Merck and Company, Inc. — Growth Stimulation for Swine</i>		<u>\$ 6 988</u>

MIDWEST DRY MILK — WHEY EVALUATION

Account Number 44-15-20-349

1. Lowell D. Toppe, 4979, Herdsman.....	ZN71	\$ 3 535
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VIOBIN CORPORATION — OCTACOSONAL

Account Number 44-15-20-390

1. Gerald D. Jones, 7665, Assistant Laboratory Attendant...	N50	\$ 1 740
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U.S. AIR FORCE 130

Account Number 46-15-20-301

1. Roberta M. Durdle, 5542, Clerk-Typist I.....	ZN40	\$ 1 008
(Total Salary)		(2 520)

U.S. ARMY MD 544

Account Number 46-15-20-303

1. James G. Bergan, 6321, Junior Laboratory Attendant....	ZN50	\$ 2 040
(Total Salary)		(4 080)
2. Louis N. Nash, 6335, Junior Laboratory Attendant.....	N	4 260
3. Roberta M. Durdle, 5542, Clerk-Typist I.....	ZN40	1 008
<i>Total, U.S. Army MD 544.....</i>		<u>\$ 7 308</u>

U.S. NATIONAL SCIENCE FOUNDATION G8962

Account Number 46-15-20-359

1. Roberta M. Durdle, 5542, Clerk-Typist I.....	ZN20	\$ 504
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U.S. PUBLIC HEALTH SERVICE B1386

Account Number 46-15-20-368

1. Bruce A. Hawkins, 6199, Senior Laboratory Attendant...	N	\$ 4 680
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County Farm Extension

Account Number 00-15-25-400

1. Hazel S. Brooks, 1210, Clerk I.....	N	\$ 3 000
2. Carol A. Block, 1203, Clerk-Stenographer II.....	N	3 060
3. Barbara R. Craig, 0913, Clerk-Stenographer II.....	N	2 820
4. Arlene A. Wakefield, 1205, Clerk-Stenographer II.....	N	3 510
5. Helen L. Nowning, 1202, Clerk-Stenographer III.....	N	4 500
6. Virginia A. Kobel, 7418, Clerk-Typist II.....	N	3 600
7. Patricia I. Sagadine, 7553, Tabulating Machine Operator I.....	N	3 540
8. Elizabeth H. Hulett, 6251, Secretary—Stenographic.....	N	5 700
<i>Total, County Farm Extension.....</i>		<u>\$29 730</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. Pauline B. Hallberg, 1230, Clerk II.....	N	\$ 3 060
2. ———, 1235, Typing Clerk I.....	N ⁵⁰	1 320
3. Betty L. Hettinger, 1231, Typing Clerk II.....	N	3 300
4. M. Carol Erb, 1232, Clerk-Typist I.....	N	2 550
5. Carol A. Griffith, 1239, Clerk-Typist I.....	N	2 340
6. Margo M. Johnston, 1234, Clerk-Typist I.....	N	2 550
7. Sandra K. Pridemore, 1238, Clerk-Typist I.....	N	2 490
8. Carol Linda Smith, 1233, Clerk-Typist I.....	N	2 640
9. Norma L. Huls, 1229, Clerk-Typist II.....	N	3 120
10. Irma J. Wienke, 1228, Clerk-Typist III.....	N	3 600
11. Mildred M. Lair, 1227, Office Supervisor.....	N	6 000
<i>Total, County Home Extension.....</i>		<u>\$32 970</u>

College**Dairy Science**

Account Number 00-15-35-100

1. Francis E. Althaus, 1069, Junior Laboratory Attendant....	N	\$ 4 200
2. Melva J. Warfel, 1063, Clerk-Stenographer II.....	N	2 700
3. Jean M. Baker, 1060, Clerk-Stenographer III.....	N	3 450
4. Marjorie M. Hildreth, 1061, Clerk-Stenographer III.....	N	4 200
5. Marilyn R. Mintz, 1064, Clerk-Typist II.....	N	2 400
6. Elizabeth A. Teuscher, 1066, Clerk-Typist II.....	N	2 790
7. Ray E. King, 1078, Herdsman.....	N	5 280
8. Harold J. Menacher, 1090, Herdsman.....	N	5 100
9. Paul D. Moore, 1085, Herdsman.....	N	5 100
10. Charles S. Spitz, 1087, Herdsman.....	N	5 100
11. Kees W. Vandermeer, 1082, Herdsman.....	N	4 920
12. I. Rhea Adams, 1059, Secretary—Stenographic.....	N	5 820
<i>Total, Dairy Science (College).....</i>		<u>\$51 060</u>

Station

Account Number 00-15-35-300

1. ———, 1070, Senior Laboratory Attendant.....	N	\$ 3 945
2. Joseph Pohl, 7717, Accounting Clerk I.....	N	3 810
3. ———, 1074, Clerk-Stenographer II.....	N	2 820
4. Joann Cavanaugh, 1067, Clerk-Typist II.....	N	2 790
5. S. A. Hollingsworth, 6173, Clerk-Typist II.....	ZN ⁹⁰	2 550
(Total Salary)		(2 820)
6. Marijean R. Rickard, 1068, Clerk-Typist II.....	ZN ⁸⁰	2 250
(Total Salary)		(2 820)
7. Burford E. Hammitt, 1092, Fieldman.....	N	5 100
8. Russel R. Layman, 1081, Fieldman.....	N	5 100

9. Henry L. Wann, 1091, Fieldman.....	N	5 100
10. Fay Campbell, 1072, Farm Foreman.....	N	5 940
(Perquisites University — housing)		
11. Roy L. Shirley, 1073, Supervising Farm Foreman.....	N	6 120
(Perquisites University — housing)		
12. Leslie I. Elder, 1089, Herdsman.....	N	4 920
13. Gilbert L. Foreman, 1088, Herdsman.....	N	5 100
14. Paul F. Hallowell, 1084, Herdsman.....	N	5 100
15. Arthur E. Miller, 1075, Herdsman.....	N	5 310
16. Clarence R. Millsap, 1095, Herdsman.....	N	4 980
17. Robert Lee O'Bryan, 1097, Herdsman.....	N	5 100
18. Burl E. Petty, 1086, Herdsman.....	N	5 220
19. Charles G. Peyton, 1094, Herdsman.....	N	5 100
20. Eugene S. Pochler, 1093, Herdsman.....	N	5 100
21. Frank Seiler, 1083, Herdsman.....	N	5 220
22. Warren R. Smith, 1079, Herdsman.....	N	5 310
23. Orville C. Starwalt, 1077, Herdsman.....	N	5 280
24. Virgil D. Unzicker, 1096, Herdsman.....	N	4 980
25. James A. Voss, 1076, Herdsman.....	N	5 280
26. Lawrence E. Williams, 1080, Herdsman.....	N	5 100
<i>Total, Dairy Science (Station).....</i>		<i>\$122 625</i>

Dairy Official Testing Revolving

Account Number 12-15-35-316

1. Sherman M. Dockum, 1105, Advanced Registry Tester....	N	\$ 4 320
2. Charles K. Hays, 1102, Advanced Registry Tester.....	N	4 320
3. Henry W. Hern, 1107, Advanced Registry Tester.....	N	4 320
4. John H. Turner, 1104, Advanced Registry Tester.....	N	3 960
5. —————, 1108, Advanced Registry Tester.....	N	3 780
<i>Total, Dairy Official Testing Revolving.....</i>		<i>\$20 700</i>

Hatch — Dairy Science — Metabolism in Ruminants

Account Number 21-15-35-315

1. Stewart N. Summers, 8216, Junior Laboratory Attendant.	N	\$ 3 960
2. Marijean R. Rickard, 1068, Clerk-Typist II.....	ZN ₂₀	570
<i>Total, Hatch — Dairy Science — Metabolism in Rumi-</i>		
<i>nants.....</i>		<i>\$ 4 530</i>

Hatch — Dairy Science — Artificial Insemination

Account Number 21-15-35-316

1. Ronald A. Harris, 7371, Junior Laboratory Attendant....	N	\$ 3 960
2. S. A. Hollingsworth, 6173, Clerk-Typist II.....	ZN ₁₀	270
<i>Total, Hatch — Dairy Science — Artificial Insemination..</i>		<i>\$ 4 230</i>

Hatch — Dairy Science — Metabolism of Spermatozoa

Account Number 21-15-35-317

1. Carol W. Gesell, 5591, Senior Laboratory Attendant.....	N	\$ 4 680
<i>Total, Hatch — Dairy Science — Metabolism of Sperma-</i>		
<i>tozoa.....</i>		<i>\$ 4 680</i>

Cooperative Investigations

ROCKEFELLER FOUNDATION — FUNDAMENTAL BIOLOGY

Account Number 44-15-35-373

1. M. Elizabeth Hageman, 6299, Senior Laboratory Attendant	N60	\$ 3 116
2. Lydia S. Meyer, 6089, Senior Laboratory Attendant.....	N	4 920
<i>Total, Rockefeller Foundation — Fundamental Biology..</i>		<i>\$ 8 036</i>

U.S. PUBLIC HEALTH SERVICE A3156

Account Number 46-15-35-365

1. Inge M. Michel, 6363, Junior Laboratory Attendant.....	N	\$ 3 960
2. Harold A. Bond, 7721, Senior Laboratory Attendant.....	N	4 920
<i>Total, U.S. Public Health Service A 3156.....</i>		<i>\$ 8 880</i>

Dixon Springs Experiment Station

Account Number 00-15-40-300

1. R. W. Anderson, 0921, Senior Laboratory Attendant.....	ZN75	\$ 3 600
(Total Salary)		(4 800)
(Perquisites University — lodging)		
2. Wanda L. Randolph, 0918, Clerk-Stenographer I.....	N	2 820
3. Doris Jean Richards, 7339, Clerk-Stenographer III.....	N	3 720
4. Robie T. Anderson, 0934, Assistant Farmer.....	N	3 480
5. Buel L. Bailey, 0929, Assistant Farmer.....	N	3 510
6. Ernest W. Bailey, Assistant Farmer.....	ZN57	2 100
(Total Salary)		(3 660)
(Perquisites University — lodging)		
7. John R. Bailey, 0933, Assistant Farmer.....	N	3 810
8. Lowell L. Bailey, 0932, Assistant Farmer.....	N	3 780
9. James R. Boaz, 0922, Assistant Farmer.....	N	3 780
10. Maurice E. Burgess, 6744, Assistant Farmer.....	N	3 540
11. Raymond Enyart, 7904, Assistant Farmer.....	N	3 780
12. B. W. Hardin, 0927, Assistant Farmer.....	N	4 170
13. Joe S. Harris, 0938, Assistant Farmer.....	N	3 660
14. Gerald Klink, 5360, Assistant Farmer.....	N	3 600
15. Ronald O. Phelps, 0928, Assistant Farmer.....	N	3 600
16. Edward Sharp, 0937, Assistant Farmer.....	N	3 480
17. James Trigg, 0939, Assistant Farmer.....	N	3 900
18. Maurice R. Wells, 0930, Assistant Farmer.....	N	3 900
19. Eugene Wise, 0924, Assistant Farmer.....	N	3 660
(Total Salary)		(3 840)
(Perquisites Employee — lodging)		(180)
20. J. Wayne Mizell, 0925, Farm Foreman.....	N	4 260
(Perquisites University — lodging)		
21. Earl Williamson, 0926, Farm Foreman.....	N	4 980
(Perquisites University — lodging)		
22. Thomas E. Lauderdale, 0920, Herdsman Foreman.....	N	4 410
(Perquisites University — lodging)		
23. Oakley Robinson, 0919, Herdsman Foreman.....	N	4 980
(Perquisites University — lodging)		
24. Lee Phelps, 5872, Farm Mechanic Foreman.....	N	4 500
(Perquisites University — lodging)		
25. James W. Hemphill, 7386, Building Mechanic Foreman... N		4 500
26. Irene Fritch, 6706, Housekeeper.....	H	(2 610)
27. Roy Brush, 0935, Farm Laborer.....	N	3 420
28. Clarence Tooley, 0936, Farm Laborer.....	N	3 420
29. Howard Bradley, 7385, Building Mechanic.....	N	3 960
30. Fred Kerley, 7383, Building Mechanic.....	N	3 960
31. Wayne Lewis, 7384, Building Mechanic.....	N	3 960
32. Donnie R. Morris, 6108, Farm Mechanic.....	N	3 780
33. Leah M. Dunn, 0917, Secretary — Stenographic.....	ZN50	3 090
(Total Salary)		(6 180)
Total, Dixon Springs Experiment Station.....		\$121 110

Hatch — Dixon Springs — Pasture, All Projects

Account Number 21-15-40-301

1. Ernest W. Bailey, 0943, Assistant Farmer.....	ZN43	\$ 1 560
2. Lowell W. Phelps, 8210, Assistant Farmer.....	N	3 300
3. Dee Robinson, 0942, Assistant Farmer.....	N	3 990
(Perquisites University — lodging)		
4. Leslie Maynor, 7411, Building Mechanic.....	N	3 960
Total, Hatch — Dixon Springs — Pasture, All Projects		\$12 810

Hatch — Dixon Springs — Production and Maintenance of Forage Crops

Account Number 21-15-40-326

1. Claude E. Parks, 0931, Assistant Farmer.....	ZN50	\$ 1 800
(Total Salary)		(3 600)

2. Victor N. Watson, 8130, Farm Laborer.....	ZN70	2 420
(Total Salary)		(3 420)
<i>Total, Hatch—Dixon Springs—Production and Main-</i>		
<i>tenance of Forage Crops.....</i>		\$ 4 220

Hatch—Dixon Springs—Control of Sheep and Cattle Parasites

Account Number 21-15-40-335

1. Carl B. Aaron, 0931, Assistant Farmer.....	N	\$ 3 600
<i>Total, Hatch—Dixon Springs—Control of Sheep and</i>		
<i>Cattle Parasites</i>		\$ 3 600

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	\$ 3 750
<i>Total, Hatch—Dixon Springs—Silage Made from</i>		
<i>Component Parts and the Whole of Various Plants</i>		\$ 3 750

Hatch—Dixon Springs—Effect of Various Pastures on Breeding Efficiency of Sheep and Cattle

Account Number 21-15-40-342

1. Victor N. Watson, 8130, Farm Laborer.....	ZN30	\$ 1 000
<i>Total, Hatch—Dixon Springs—Effect of Various Pas-</i>		
<i>tures on Breeding Efficiency of Sheep and Cattle...</i>		\$ 1 000

Regional Research Fund—Dixon Springs—Improving Beef Cattle by Breeding Selection

Account Number 23-15-40-372

1. Rillis L. Kerley, 5461, Assistant Farmer.....	N	\$ 3 600
<i>Total, Regional Research Fund—Dixon Springs—Im-</i>		
<i>proving Beef Cattle by Breeding Selection.....</i>		\$ 3 600

College Food Technology

Account Number 00-15-50-100

1. Estelle T. Mann, 1111, Clerk-Typist III.....	N	\$ 3 990
2. Maribelle Dean, 1109, Secretary—Stenographic.....	N	4 500
<i>Total, Food Technology (College).....</i>		\$ 8 490

Station

Account Number 00-15-50-300

1. Ralph J. Getz, 1118, Dairy and Food Plant Attendant.....	N	\$ 5 100
2. Walter W. Reinhart, 1117, Dairy and Food Plant Attendant.....	N	5 220
3. Basil E. Reynolds, 1116, Dairy and Food Plant Attendant.....	N	4 800
4. —————, 5142, Clerk-Typist II.....	N	2 400
5. —————, 6501, Clerk-Typist II.....	N90	2 600
6. Reba N. Corray, 1110, Clerk-Typist III.....	N	3 420
<i>Total, Food Technology (Station).....</i>		\$23 540

Cooperative Investigations

STATE OF ILLINOIS DEPARTMENT OF AGRICULTURE—CARBOHYDRATE COATING

Account Number 47-15-50-311

1. Nina Noubar, 8172, Junior Laboratory Attendant.....	N	\$ 3 960
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College**Forestry**

Account Number 00-15-55-100

1. Sara M. Lieb, 1120, Clerk-Typist III.....	N	\$ 3 600
2. Dorothy E. Hanke, 1119, Secretary—Stenographic.....	N	6 120
<i>Total, Forestry (College).....</i>		\$ 9 720

Station

Account Number 00-15-55-300

1. Paul E. Quertermous, 6448, Chief Clerk.....	ZN35	\$ 1 670
(Total Salary)		(4 770)
2. Edith E. Vetter, 7949, Clerk-Typist II.....	N	2 940
<i>Total, Forestry (Station).....</i>		<u>\$ 4 610</u>

Hatch — Forestry — Plantations

Account Number 21-15-55-341

1. Lowell L. Ditterline, 1122, Assistant Farmer.....	N	\$ 3 530
<i>Total, Hatch — Forestry — Plantations</i>		<u>\$ 3 530</u>

Hatch — Forestry — Water Yields from Lake

Account Number 21-15-55-342

1. Paul E. Quertermous, 6448, Chief Clerk,.....	ZN65	\$ 3 100
2. Claude E. Parks, 0931, Assistant Farmer.....	ZN50	1 800
(Total Salary)		(3 600)
<i>Total, Hatch — Forestry — Water Yields from Lake....</i>		<u>\$ 4 900</u>

College**Home Economics**

Account Number 00-15-60-100

1. Rose Mary Brown, 6837, Foods Laboratory Assistant.....	G50	\$ 1 320
(Nine months)		
2. Bernice Newberry, 1131, Foods Laboratory Assistant.....	N	3 600
3. Dorothy E. Porter, 1125, Clerk III.....	N	3 930
4. Carolyn L. Spillman, 1126, Clerk-Stenographer III.....	N	3 210
5. Ellen M. Thilker, 7514, Clerk-Typist I.....	N	2 760
6. Virginia M. Bray, 1129, Clerk-Typist II.....	N	2 850
7. Marilyn S. Johnson, 7278, Clerk-Typist II.....	N	2 940
8. Betty L. McDaniel, 1128, Clerk-Typist II.....	N	2 700
9. Marian M. Vreeland, 1130, Clerk-Typist II.....	N	2 880
10. Kay E. Walters, 6818, Clerk-Typist II.....	N	2 700
11. Mary H. Griffet, 1132, Housekeeper.....	N	3 000
12. Jeanne L. Hafstrom, 1123, Secretary — Stenographic.....	N	6 000
<i>Total, Home Economics (College).....</i>		<u>\$37 890</u>

Station

Account 00-15-60-300

1. Lenora Padgett, 7313, Foods Laboratory Assistant.....	N	\$ 2 910
2. Thomas M. Wimmer, Jr., 6929, Distribution Clerk.....	N	3 900
3. Marilyn S. Mathis, 1127, Clerk-Typist III.....	N	3 450
<i>Total, Home Economics (Station).....</i>		<u>\$10 260</u>

Home Economics Cafeteria Revolving

Account Number 12-15-60-212

1. Beatrice C. Harms, 1142, Foods Laboratory Assistant.....	G	\$ 2 280
(Perquisites University — one meal)		
(Nine months)		
2. Clara Jackson, 1141, Foods Laboratory Assistant.....	G	2 430
(Perquisites University — one meal)		
(Nine months)		
3. Lois L. Kiest, 7417, Foods Laboratory Assistant.....	G	2 115
(Perquisites University — one meal)		
(Nine months)		
4. Catherine Montgomery, 1140, Foods Laboratory Assistant	G	2 220
(Perquisites University — one meal)		
(Nine months)		
5. Kathryn I. Van Koten, 1139, Foods Laboratory Assistant	G	2 142
(Perquisites University — one meal)		
(Nine months)		
<i>Total, Home Economics Cafeteria Revolving.....</i>		<u>\$11 187</u>

College**Horticulture****Account Number 00-15-65-100**

1. Jo Ann Wilson, 1144, Clerk III.....	N	\$ 3 750
2. Louise M. Fininis, 1143, Chief Clerk.....	N	6 000
3. Constance J. Ferguson, 1146, Clerk-Typist II.....	N	3 180
<i>Total, Horticulture (College).....</i>		<u>\$12 930</u>

Station**Account Number 00-15-65-300**

1. Willie L. Campbell, 6165, Junior Laboratory Attendant....	N	\$ 3 960
2. Phyllis C. Marks, 7121, Senior Laboratory Attendant.....	N	4 680
3. Carol J. Molnar, 1149, Clerk-Typist II.....	N	2 820
4. Glenna M. Turner, 6244, Clerk-Typist II.....	N	3 060
5. Pauletta G. Will, 1147, Clerk-Typist II.....	N	3 000
6. Clarence A. Gerber, 1155, Agricultural Gardener Foreman	N	5 040
7. Ernest O. Hart, 1153, Agricultural Gardener Foreman....	N	5 970
8. Ward T. Matthews, 1152, Agricultural Gardener Foreman	N	6 090
9. Walter M. Staszak, 1154, Agricultural Gardener Foreman	N	5 820
10. Harold McGee, 1151, Supervising Farm Foreman.....	N	6 210
11. Thomas Arie, 1177, Agricultural Gardener.....	N	5 130
12. Bruce O. Barkley, 1164, Agricultural Gardener.....	N	5 040
13. Arthur L. Brummet, 1178, Agricultural Gardener.....	N	5 100
14. Robert C. Chancellor, 1162, Agricultural Gardener.....	N	5 310
15. Leroy Crawford, 1180, Agricultural Gardener.....	N	5 100
16. Clarence G. Davis, 1173, Agricultural Gardener.....	N	5 100
17. Glenn J. Gleason, 1172, Agricultural Gardener.....	N	5 100
18. Ira F. Gudgel, 1168, Agricultural Gardener.....	N	5 100
19. Vernon L. Harris, 1176, Agricultural Gardener.....	N	5 100
20. Virgil Kesler, 1165, Agricultural Gardener.....	N	5 160
21. Carl H. Mohr, 1171, Agricultural Gardener.....	N	5 100
22. Freal C. Myers, 1166, Agricultural Gardener.....	N	5 100
23. Francis J. Palmisano, 1167, Agricultural Gardener.....	N	4 980
24. Julius F. Reinhart, 1175, Agricultural Gardener.....	N	5 100
25. Garland Riddell, 1169, Agricultural Gardener.....	N	5 100
26. Gordon E. Smith, 1179, Agricultural Gardener.....	N	4 980
27. _____, 1170, Agricultural Gardener.....	N	4 860
28. Stanley E. Bundy, 1160, Cold Storage Operator.....	N	5 130
29. W. E. Clark, 1159, Cold Storage Operator.....	N	5 100
30. J. C. Embry, 1161, Cold Storage Operator and Agricultural Gardener.....	N	5 130
31. Cornelius J. Rund, 1158, Chief Cold Storage Operator....	N	6 240
32. Wilbur A. Kelley, 1156, Storekeeper.....	N	5 520
<i>Total, Horticulture (Station).....</i>		<u>\$160 230</u>

College**Plant Pathology****Account Number 00-15-68-100**

1. Karen E. Casteel, 7303, Clerk-Typist II.....	N	\$ 2 700
2. M. Arleah Dix, 6551, Secretary — Stenographic.....	N	5 160
<i>Total, Plant Pathology (College).....</i>		<u>\$ 7 860</u>

Hatch — Plant Pathology — Spray Orchard Improvement**Account Number 21-15-68-377**

1. Ina M. Knueppel, 1185, Assistant Laboratory Attendant..	N	\$ 3 480
<i>Total, Hatch — Plant Pathology — Spray Orchard Im- provement.....</i>		<u>\$ 3 480</u>

Station**Veterinary Research****Account Number 00-15-70-300**

1. Ernest M. Canavan, 1186, Animal Caretaker.....	N	\$ 5 100
(Perquisites University — housing)		
<i>Total, Veterinary Research (Station).....</i>		<u>\$ 5 100</u>

Cooperative Investigations

U.S. ARMY MD 728

Account Number 46-15-70-303

1. Leonard D. White, 6746, Animal Caretaker.....	N	\$ 5 100
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College**Vocational Agriculture**

Account Number 00-15-75-100

1. Beverly A. Nickelson, 0915, Clerk-Stenographer II.....	ZN50	\$ 1 770
(Total Salary)		(3 540)
2. Betty J. Cain, 0914, Clerk-Stenographer III.....	N	4 470
3. Guy Hart, 5589, Storekeeper.....	N	5 370
Total, Vocational Agriculture (College).....		\$11 610

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	1 770
3. Milton C. Hallberg, 8027, Duplicating Machine Operator II	N50	1 500
Total, Vocational Agriculture Revolving.....		\$ 6 930

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION**Administration**

Account Number 00-17-01-100

1. Lois A. Dallas, 1519, Chief Clerk.....	N	\$ 5 250
2. Mary C. Kull, 7155, Typing Clerk III.....	N	3 600
3. Patricia A. Downs, 1513, Clerk-Stenographer III.....	N	3 900
4. Marie E. Pflugmacher, 6512, Clerk-Stenographer III....	N	4 200
5. Darlene Richey, 1512, Clerk-Stenographer III.....	N	3 540
6. ———, 5350, Clerk-Stenographer III.....	N	3 600
7. Sandra L. Nelson, 1517, Clerk-Typist II.....	N	3 600
8. Karen J. Evans, 7166, Secretary — Stenographic.....	N	(4 410)
9. Mary C. Smith, 7327, Secretary — Stenographic.....	N	4 470
10. Darlene J. Cooke, 7668, Secretary — Transcribing.....	N	4 380
11. ———, 5110, Administrative Secretary — Steno-		
graphic.....	N	5 250
Total, Administration		\$41 790

Accountancy

Account Number 00-17-05-100

1. ———, 1521, Clerk-Stenographer II.....	N	\$ 2 880
2. ———, 7703, Clerk-Stenographer II.....	N50	1 500
3. Mildred B. Brumfield, 1520, Secretary — Stenographic....	N	6 300
Total, Accountancy		\$10 680

Graduate School of Business Administration

Account Number 00-17-23-100

1. ———, Clerk-Typist III.....	N	\$ 3 000
Total, Graduate School of Business Administration.....		\$ 3 000

Business Education

Account Number 00-17-10-100

1. Shirley E. Day, 1515, Clerk-Stenographer II.....	H50	\$ 1 440
Total, Business Education.....		\$ 1 440

Business Law

Account Number 00-17-15-100

1. ———, Clerk-Stenographer III.....	N50	\$ 1 740
Total, Business Law.....		\$ 1 740

Economics

Account Number 00-17-20-100

1. ———, 7490, Editorial Assistant.....	N	\$ 3 600
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2. Nona Bond, 7490, Editorial Assistant.....	N50	(1 800)
3. Marietta E. Keating, 5687, Clerk-Stenographer II.....	N	3 240
4. Mariam J. Meredith, 1514, Clerk-Stenographer III.....	N	3 360
5. Helen Ann Godfrey, 1522, Secretary — Stenographic....	N	6 300
<i>Total, Economics</i>		<u>\$16 500</u>

Finance

Account Number 00-17-22-100		
1. Mary P. Sudduth, 5801, Secretary — Stenographic.....	N	\$ 6 300
<i>Total, Finance</i>		<u>\$ 6 300</u>

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	\$ 1 500

Management

Account Number 00-17-25-100		
1. ———, 6968, Clerk-Stenographer II.....	N50	\$ 1 350
2. ———, Clerk-Stenographer II.....	N	2 850
3. Lillian L. Conrad, 1511, Clerk-Stenographer III.....	N	3 780
<i>Total, Management</i>		<u>\$ 7 980</u>

Marketing

Account Number 00-17-30-100		
1. Helen S. McFarland, 1516, Secretary — Stenographic....	N	\$ 4 680
<i>Total, Marketing</i>		<u>\$ 4 680</u>

Bureau of Economic and Business Research

Account Number 00-17-35-300		
1. F. Louise Hammer, 1525, Clerk-Stenographer II.....	N	\$ 3 000
2. Deloris J. Ricketts, 1526, Clerk-Typist II.....	N	2 730
3. Bette O. Hulmes, 1523, Secretary — Stenographic.....	N	4 500
<i>Total, Bureau of Economic and Business Research</i>		<u>\$10 320</u>

Cooperative Investigations

FORD FOUNDATION — CONSUMER SAVINGS

Account Number 44-17-35-327		
1. Charlene Hassell, 7645, Clerk-Stenographer II.....	H50	\$ 1 566
2. Marlene Rinehart, 8217, Office Appliance Operator II....	H50	1 500
<i>Total, Ford Foundation — Consumer Savings</i>		<u>\$ 3 126</u>

Bureau of Business Management

Account Number 00-17-40-400		
1. Barbara L. Harris, 1530, Clerk-Stenographer II.....	N	\$ 2 850
2. Elsa L. Singbusch, 1528, Secretary — Stenographic.....	N	5 220
<i>Total, Bureau of Business Management</i>		<u>\$ 8 070</u>

Business Management Revolving

Account Number 12-17-40-470		
1. ———, 5904, Clerk-Typist II.....	N50	\$ 1 440
<i>Total, Business Management Revolving</i>		<u>\$ 1 440</u>

COLLEGE OF EDUCATION**Administration**

Account Number 00-20-01-100		
1. Jeanette Bialeschki, 1534, Clerk-Typist III.....	N	\$ 3 060
2. Margaret L. Ford, 1533, Clerk-Typist III.....	N	3 660

3. Shirley A. Fryer, 1532, Clerk-Typist III.....	N	3 600
4. Betty A. Richards, 1531, Administrative Secretary— Stenographic.....	N	7 800
<i>Total, Administration</i>		<u>\$19 020</u>

Agricultural Education

Account Number 00-20-05-100

1. Eileen A. Ragsdale, 1535, Clerk-Stenographer III.....	N	\$ 3 750
<i>Total, Agricultural Education</i>		<u>\$ 3 750</u>

Education

Account Number 00-20-10-100

1. Eleanor I. Harrison, 5615, Editorial Assistant.....	N50	\$ 1 920
2. Julia M. Snyder, 1536, Chief Clerk.....	N	6 000
3. Geraldine B. Evans, 1545, Clerk-Typist II.....	N50	1 740
4. Nancy A. Ewalt, 1539, Clerk-Typist II.....	N50	1 440
5. Evelyn L. Farrell, 1543, Clerk-Typist II.....	N	3 600
6. Martha N. McDuffee, 1546, Clerk-Typist II.....	N	3 120
7. Cynthia S. Schleaf, 7222, Clerk-Typist II.....	N	2 880
8. ———, 5523, Clerk-Typist II.....	N50	1 200
9. Joan E. Cender, 6797, Clerk-Typist III.....	N	3 480
10. Nina C. Hamrick, 1540, Clerk-Typist III.....	N	4 200
11. Sharon J. Hartman, 1538, Clerk-Typist III.....	N	3 720
12. Peggy N. Jean, 1541, Clerk-Typist III.....	N	3 240
13. ———, 7844, Clerk-Typist III.....	N	3 300
14. Ruth M. Taylor, 1537, Secretary—Transcribing.....	ZN50	2 100
(Total Salary)		<u>(4 200)</u>
<i>Total, Education</i>		<u>\$41 940</u>

Cooperative Investigations

U.S. OFFICE OF VOCATIONAL REHABILITATION G-5

Account Number 46-20-10-116

1. Cleta A. Conerty, 6689, Clerk-Typist II.....	N	\$ 2 520
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U.S. OFFICE OF EDUCATION—FOREIGN LANGUAGE INSTRUCTION
IN ELEMENTARY SCHOOLS

Account Number 46-20-10-317

1. Stella M. Calle, 7987, Clerk-Typist III.....	N	\$ 3 600
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U.S. OFFICE OF EDUCATION—ELEMENTARY SCHOOL TRAINING
PROGRAM IN SCIENTIFIC INQUIRY

Account Number 46-20-10-360

1. Dorothy A. Retzolk, 8199, Clerk-Typist III.....	N	\$ 3 600
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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	\$ 3 480
2. Dorothy J. Brower, 1550, Clerk-Typist III.....	N	3 240
3. Kazuko S. Shimooka, 1549, Secretary—Stenographic...	N	6 420
<i>Total, Administration</i>		<u>\$13 140</u>

Placement and Follow-Up

Account Number 00-20-30-100

1. Mary F. Mauk, 1553, Administrative Clerk.....	N	\$ 7 300
2. Patsy J. Wagoner, 6747, Clerk-Typist II.....	N	2 850
3. Sandra D. Conway, 1557, Clerk-Typist III.....	N	3 210
4. Marion J. Jung, 1550, Clerk-Typist III.....	N	3 450
5. Orlena M. Welch, 1554, Clerk-Typist III.....	N	3 570
6. Betty A. Goldenstein, 1555, Secretary—Stenographic....	N	4 620
<i>Total, Placement and Follow-Up</i>		<u>\$25 000</u>

University High School

Account Number 00-20-45-200

1. Mary B. Jacoby, 1559, Clerk-Stenographer III..... G	\$ 2 520
(Nine months)	
2. Mary C. Gabbert, 1561, Clerk-Typist II..... N50	1 800
3. Barbara J. Lapington, 1561, Clerk-Typist II..... N50	1 380
4. Frances B. McGath, 1560, Clerk-Typist II..... N	2 700
5. Audrey L. Munger, 1558, Secretary—Stenographic..... N	4 710
<i>Total, University High School.....</i>	<i>\$13 110</i>

Cooperative Investigations

CARNEGIE INSTITUTE — COOPERATIVE PROGRAMS IN ARITHMETIC

Account Number 44-20-45-310

1. Karen L. Bluhm, 7620, Clerk-Stenographer III..... N	\$ 4 260
2. Sally S. Iwai, 7789, Clerk-Typist II..... N	3 300
3. Marcie Foster, 7853, Clerk-Typist III..... N	3 810
<i>Total, Carnegie Institute—Cooperative Programs in Arithmetic.....</i>	<i>\$11 370</i>

CARNEGIE INSTITUTE — COOPERATIVE PROGRAMS IN MATHEMATICS

Account Number 44-20-45-312

1. ———, 7772, Clerk I..... N	\$ 2 580
2. Pat Duzan, 7382, Typing Clerk I..... N	2 520
3. Marilyn E. McKinney, 6793, Clerk-Typist II..... N	3 600
4. Dorothe N. Moore, 7559, Clerk-Typist II..... N	2 880
5. Geraldine B. Hopper, 7982, Clerk-Typist III..... N	3 600
6. E. June Harris, 6723, Secretary — Transcribing..... N	4 560
<i>Total, Carnegie Institute—Cooperative Programs in Mathematics.....</i>	<i>\$19 740</i>

NATIONAL EDUCATIONAL TELEVISION AND RADIO CENTER —
MATHEMATICS STUDY

Account Number 44-20-45-321

1. Karin H. Nystrom, 6132, Clerk-Typist III..... N	\$ 3 300
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General**Bureau of Educational Research**

Account Number 00-20-50-300

1. Gloria J. Block, 1563, Clerk-Typist III..... N	\$ 3 420
2. Joyce F. Fasnacht, 1564, Clerk-Typist III..... N	3 510
3. Mary L. Stahlke, 1566, Clerk-Typist III..... N	3 240
4. Therese E. Jowasky, 1562, Secretary—Stenographic.... N	5 340
<i>Total, Bureau of Educational Research—General.....</i>	<i>\$15 510</i>

Cooperative Investigations

U.S. OFFICE OF EDUCATION SAE 7257

Account Number 46-20-50-316

1. Julie M. Johnson, 5672, Clerk-Typist III..... ZN50	\$ 1 620
(Total Salary)	(3 240)

U.S. OFFICE OF EDUCATION SAE 8141

Account Number 46-20-50-318

1. Joyce C. Hodges, 7880, Statistical Trainee Clerk..... N	\$ 2 880
2. Coralee D. Holt, 7710, Clerk-Typist III..... N	3 240
<i>Total, U.S. Office of Education SAE 8141.....</i>	<i>\$ 6 120</i>

U.S. PUBLIC HEALTH SERVICE M1837

Account Number 46-20-50-367

1. Julie M. Johnson, 5672, Clerk-Typist III..... ZN50	\$ 1 620
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Evaluation

Account Number 00-20-60-400

1. Phyllis J. Boswell, 1571, Card Punch Operator II..... N	\$ 2 880
2. ———, 1569, Card Punch Operator II..... N	2 700

3. Lois M. Williamson, 1568, Secretary — Stenographic.... N	6 100
<i>Total, Evaluation</i>	<u>\$11 680</u>

Educational Testing Revolving

Account Number 12-20-60-482

1. Ruth B. Rank, 1574, Clerk II..... N	\$ 3 120
2. Arlene L. Schwartz, 1570, Clerk-Stenographer II..... N	3 360
<i>Total, Educational Testing Revolving</i>	<u>\$ 6 480</u>

Educational Surveys Revolving

Account Number 12-20-55-478

1. Janolee A. Holt, 1575, Clerk-Typist II..... N	\$ 2 520
<i>Total, Educational Surveys Revolving</i>	<u>\$ 2 520</u>

Institute for Research on Exceptional Children

Account Number 00-20-70-300

1. Marjorie J. DeFries, 5319, Secretary — Stenographic.... N	\$ 4 620
<i>Total, Institute for Research on Exceptional Children..</i>	<u>\$ 4 620</u>

Cooperative Investigations

ELIZABETH McCORMICK MEMORIAL — GIFTED CHILDREN

Account Number 44-20-70-352

1. Sharon B. Cook, 7951, Clerk-Typist III..... N	\$ 3 210
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U.S. OFFICE OF EDUCATION SAE 8204

Account Number 46-20-70-316

1. Barbara J. Gawthorp, 6449, Clerk-Typist II..... N	\$ 3 090
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U.S. OFFICE OF EDUCATION — PROGRAM LEARNING MATERIALS

Account Number 46-20-70-360

1. Cecile S. Margulies, 7738, Clerk-Typist II..... N50	\$ 1 500
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STATE DEPARTMENT OF PUBLIC WELFARE — MENTAL DEFICIENCIES

Account Number 47-20-70-352

1. Barbara J. Schaefer, 6472, Clerk-Typist III..... N	\$ 3 450
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COLLEGE OF ENGINEERING**College****Administration**

Account Number 00-22-01-100

1. Hazel S. Ruffner, 1251, Clerk III..... N	\$ 4 200
2. Ramona L. Huber, 1243, Chief Clerk..... N	6 180
3. Bonita K. Hacker, 6874, Typing Clerk I..... N	2 640
4. Audriana Dunn, 1250, Typing Clerk II..... N	3 150
5. Verna L. Finder, 1244, Clerk-Stenographer III..... N	4 710
6. Clara E. Ford, 7156, Clerk-Typist II..... N	2 940
7. Eileen Place, 1247, Clerk-Typist III..... N	3 330
8. Pauline V. Chapman, 6450, Placement Officer..... N	7 800
9. Theresa M. Rennier, 7449, Tabulating Machine Operator II N	3 840
10. Imogene J. Reeves, 1245, Secretary — Transcribing..... N	4 830
11. Beulah M. Bevis, 1242, Administrative Secretary — Steno- graphic	7 800
<i>Total, Administration (College)</i>	<u>\$51 060</u>

Station

Account Number 00-22-01-300

1. L. Winifred Coatney, 1249, Clerk-Typist III..... N	\$ 4 140
2. David C. Hunter, 5218, Technical Draftsman-Illustrator II N	7 800
3. Annabelle Compton, 1248, Secretary — Transcribing..... N	5 680
4. Kathryn C. Jordan, 1246, Secretary — Transcribing..... N	4 890
<i>Total, Administration (Station)</i>	<u>\$22 510</u>

College**Aeronautical Engineering**

Account Number 00-22-05-100

1. Rita M. Freehill, 7207, Clerk-Typist II..... N	\$ 3 000
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2. Nancy C. Grandgeorge, 1263, Clerk-Typist II.....	N	2 820
3. Raymond F. Brewer, 1261, Senior Laboratory Mechanic.....	N	6 510
4. Herbert E. Klage, 1260, Senior Laboratory Mechanic.....	N	6 600
5. Vincent P. Oakes, 1259, Senior Laboratory Mechanic.....	N	6 480
6. Thomas M. O'Connor, 1258, Senior Laboratory Mechanic.....	N	6 660
7. Paul R. Tabaka, 1257, Senior Laboratory Mechanic.....	N	6 720
8. Dorothy E. Nugent, 1262, Secretary — Transcribing.....	N	4 950
<i>Total, Aeronautical Engineering (College).....</i>		<u>\$43 740</u>

College**Ceramic Engineering****Account Number 00-22-10-100**

1. Nancy R. Segall, 7126, Clerk-Typist II.....	N	\$ 3 000
2. George W. Conlee, 1264, Potter.....	N	6 810
3. Dorothy B. Woods, 1266, Secretary — Stenographic.....	N	5 730
4. James R. Walsh, 1267, Storekeeper.....	N	5 160
<i>Total, Ceramic Engineering (College).....</i>		<u>\$20 700</u>

Cooperative Investigations**U.S. AIR FORCE 5734****Account Number 46-22-10-308**

1. _____, 7711, Junior Laboratory Attendant.....	N	\$ 4 200
2. Sally Jo Moss, 7051, Clerk-Stenographer II.....	N	3 120
<i>Total, U.S. Air Force 5734.....</i>		<u>\$ 7 320</u>

U.S. AIR FORCE 6192**Account Number 46-22-10-310**

1. William E. Schaede, 1269, Junior Laboratory Attendant.....	ZN35	\$ 1 512
(Total Salary)		(4 320)
2. June E. Dimick, 1270, Clerk-Stenographer II.....	ZN35	1 029
(Total Salary)		(2 940)
<i>Total, U.S. Air Force 6192.....</i>		<u>\$ 2 541</u>

U.S. AIR FORCE 6283**Account Number 46-22-10-311**

1. William E. Schaede, 1269, Junior Laboratory Attendant..	ZN30	\$ 1 296
2. June E. Dimick, 1270, Clerk-Stenographer II.....	ZN35	1 029
<i>Total, U.S. Air Force 6283.....</i>		<u>\$ 2 325</u>

U.S. AIR FORCE 7032**Account Number 46-22-10-312**

1. William E. Schaede, 1269, Junior Laboratory Attendant.....	ZN35	\$ 1 512
2. June E. Dimick, 1270, Clerk-Stenographer II.....	ZN30	882
<i>Total, U.S. Air Force 7032.....</i>		<u>\$ 2 394</u>

Station**Chemical Engineering****Account Number 00-22-15-300**

1. Sharon M. Allen, 7426, Clerk-Typist II.....	ZN30	\$ 960
(Total Salary)		(3 180)
2. Marjorie L. Honn, 1271, Secretary — Stenographic.....	N	5 040
<i>Total, Chemical Engineering (Station).....</i>		<u>\$ 6 000</u>

Cooperative Investigations**U.S. ARMY ORDNANCE 1707****Account Number 46-22-15-305**

1. Sharon M. Allen, 7426, Clerk-Typist II.....	ZN4	\$ 126
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U.S. ATOMIC ENERGY COMMISSION PROJECT 5**Account Number 46-22-15-308**

1. Sharon M. Allen, 7426, Clerk-Typist II.....	ZN4	\$ 126
2. Walter W. Demlow, 1272, Senior Laboratory Mechanic..	ZN50	3 382
(Total Salary)		(6 765)
<i>Total, U.S. Atomic Energy Commission Project 5.....</i>		<u>\$ 3 508</u>

U.S. ATOMIC ENERGY COMMISSION 276

Account Number 46-22-15-310

1. Sharon M. Allen, 7426, Clerk-Typist II..... ZN4 \$ 126

U.S. NATIONAL SCIENCE FOUNDATION G11047

Account Number 46-22-15-355

1. Sharon M. Allen, 7426, Clerk-Typist II..... ZN4 \$ 126

U.S. NATIONAL SCIENCE FOUNDATION G10164

Account Number 46-22-15-356

1. Sharon M. Allen, 7426, Clerk-Typist II..... ZN4 \$ 126

College

Civil Engineering

Account Number 00-22-20-100

1. Forrest J. McCartney, 1280, Equipment Attendant.....	N	\$ 4 530
2. Richard E. Shipley, 7122, Equipment Attendant.....	N	4 500
3. Jessie L. Creamer, 1300, Clerk-Stenographer III.....	ZN50	2 400
(Total Salary)		(4 800)
4. Ann V. Perkins, 1285, Clerk-Stenographer III.....	N	4 410
5. Doris A. Freehill, 1283, Clerk-Typist II.....	N	2 970
6. Norah M. Gernand, 6661, Clerk-Typist II.....	N	3 180
7. Beverly J. Frederick, 1282, Clerk-Typist III.....	N	4 200
8. Lila J. Smith, 7870, Clerk-Typist III.....	N	3 540
9. Doyne H. Proudfit, 1278, Secretary—Stenographic.....	N	6 600
Total, Civil Engineering (College).....		\$36 330

Station

Account Number 00-22-20-300

1. Elza E. Rice, 1279, Senior Laboratory Attendant.....	N	\$ 5 370
2. Marie L. Johnson, 1301, Clerk-Stenographer III.....	ZN50	2 250
(Total Salary)		(4 500)
3. Verna L. Bales, 5124, Clerk-Typist II.....	N50	1 800
4. Hurshel R. Bryant, 1276, Instrument Maker.....	N	7 440
5. David F. Lange, 1274, Instrument Maker.....	N	7 620
6. Owen H. Ray, 1275, Instrument Maker.....	N	7 380
7. N. Miles Norton, 1277, Senior Laboratory Mechanic.....	N	6 540
8. Anna Rita Ferris, 1281, Secretary—Stenographic.....	ZN50	2 910
(Total Salary)		(5 820)
9. Wayne I. Trowbridge, 7846, Traffic Control and Measurement Technician	ZN50	2 550
(Total Salary)		(5 100)
Total, Civil Engineering (Station).....		\$43 860

Cooperative Investigations

CATERPILLAR TRACTOR COMPANY—U-SHAPED MEMBERS

Account Number 44-22-20-310

1. Jo Anne Hansen, 7644, Clerk-Typist III..... ZN50 \$ 1 650

CREOLE PETROLEUM CORPORATION—CASING STUDY

Account Number 44-22-20-315

1. Barbara N. Hardy, 8009, Clerk-Typist I.....	N50	\$ 1 380
2. Paul F. Douglas, 6105, Senior Laboratory Mechanic.....	ZN50	3 270
(Total Salary)		(6 540)
Total, Creole Petroleum Corporation—Casing Study...		\$ 4 650

ENGINEERING FOUNDATION—STRUCTURAL JOINTS

Account Number 44-22-20-322

1. June M. Anderson, 7845, Clerk I.....	ZN50	\$ 1 500
(Total Salary)		(3 000)
2. Walter Monical, 1294, Junior Laboratory Mechanic.....	ZN50	2 955
(Total Salary)		(5 910)
3. Terence F. Jacobs, 7390, Duplicating Machine Operator II	N50	1 500
Total, Engineering Foundation—Structural Joints....		\$ 5 955

PORTLAND CEMENT ASSOCIATION — BEAM COLUMN CONNECTIONS

Account Number 44-22-20-367

1. Virginia L. Roots, 1288, Clerk-Typist III.....	ZN50	\$ 1 755
(Total Salary)		(3 510)
2. _____, 7883, Clerk-Typist III.....	N	3 420
3. Robert D. Metz, 1287, Senior Laboratory Mechanic.....	ZN50	3 270
(Total Salary)		(6 540)
4. Tommy A. Percival, 7663, Duplicating Machine Operator III.....	ZN50	2 355
(Total Salary)		(4 710)
5. Wayne E. Jowasky, 5990, Electronics Technician I.....	N50	2 700
(Total Salary)		(5 400)
<i>Total, Portland Cement Association — Beam Column Connections</i>		<u>\$13 500</u>

REINFORCED CONCRETE RESEARCH COUNCIL — FLOOR SLABS

Account Number 44-22-20-372

1. Wyck E. McKenzie, 1291, Junior Laboratory Mechanic...	ZN50	\$ 2 940
(Total Salary)		(5 880)
2. Walter Monical, 1294, Junior Laboratory Mechanic.....	ZN50	2 955
<i>Total, Reinforced Concrete Research Council — Floor Slabs</i>		<u>\$ 5 895</u>

WELDING RESEARCH COUNCIL — WELDING PROCEDURE

Account Number 44-22-20-394

1. Judith A. Tempel, 7638, Clerk-Typist II.....	ZN50	\$ 1 710
(Total Salary)		(3 420)
2. Walter F. Wilsky, 1289, Senior Laboratory Mechanic.....	ZN50	3 270
(Total Salary)		(6 540)
<i>Total, Welding Research Council — Welding Procedure</i>		<u>\$ 4 980</u>

U.S. AIR FORCE 2591

Account Number 46-22-20-305

1. Sherman D. Suter, 7206, Clerk-Stenographer II.....	N	\$ 3 540
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U.S. AIR FORCE 31319 — FLOOR SLABS

Account Number 46-22-20-308

1. Marie L. Johnson, 1301, Clerk-Stenographer III.....	ZN50	\$ 2 250
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U.S. BUREAU OF PUBLIC ROADS, DEPARTMENT OF COMMERCE — FLEXURAL FATIGUE

Account Number 46-22-20-314

1. Aurora Z. Bahou, 1284, Clerk-Typist II.....	ZN50	\$ 1 590
(Total Salary)		(3 180)
2. Everett Crawford, 1290, Junior Laboratory Mechanic...	N	5 760
<i>Total, U.S. Bureau of Public Roads, Department of Commerce — Flexural Fatigue</i>		<u>\$ 7 350</u>

U.S. AIR FORCE 2151

Account Number 46-22-20-317

1. Delbert E. McCulley, 1302, Research Program Administrative Assistant	ZN25	\$ 2 250
(Total Salary)		(9 000)
2. _____, 7408, Typing Clerk II.....	N	2 880
3. Virginia L. Rhoades, 7883, Clerk-Typist III.....	N	3 300
4. Delbert H. Laws, 5212, Senior Laboratory Mechanic.....	ZN50	3 270
(Total Salary)		(6 540)
<i>Total, U.S. Air Force 2151</i>		<u>\$11 700</u>

U.S. AIR FORCE 2372

Account Number 46-22-20-318

1. Robert D. Metz, 1287, Senior Laboratory Mechanic.....	ZN50	\$ 3 270
2. Tommy A. Percival, 7663, Duplicating Machine Operator III	ZN50	2 355

3. Anna Rita Ferris, 1281, Secretary — Stenographic.....	ZN50	2 910
4. Harold H. Dalrymple, 6618, Electronics Technician I....	N50	2 700
<i>Total, U.S. Air Force 2372.....</i>		<u>\$11 235</u>
U.S. AIR FORCE 2390		
Account Number 46-22-20-319		
1. Donna L. Flessner, 7531, Clerk-Stenographer II.....	N	\$ 3 540
U.S. ARMY ENGINEERS 238		
Account Number 46-22-20-325		
1. Emmett E. Kirby, 5322, Senior Laboratory Mechanic....	ZN50	\$ 3 270
(Total Salary)		(6 540)
U.S. ARMY ENGINEERS 240		
Account Number 46-22-20-326		
1. Nancy J. Phillips, 7643, Clerk-Typist III.....	ZN50	\$ 1 650
(Total Salary)		(3 300)
U.S. ACADEMY OF SCIENCE — AASHO ROAD TESTS		
Account Number 46-22-20-345		
1. Judith A. Tempel, 7638, Clerk-Typist II.....	ZN50	\$ 1 710
U.S. DEFENSE ATOMIC SUPPORT AGENCY 023		
Account Number 46-22-20-347		
1. Delbert E. McCulley, 1302, Research Program Adminis- trative Assistant	ZN25	\$ 2 250
2. Emmett E. Kirby, 5322, Senior Laboratory Mechanic....	ZN50	3 270
<i>Total, U.S. Defense Atomic Support Agency 023.....</i>		<u>\$ 5 520</u>
U.S. NATIONAL SCIENCE FOUNDATION G6572		
Account Number 46-22-20-352		
1. Aurora Z. Bahou, 1284, Clerk-Typist II.....	ZN50	\$ 1 590
U.S. NATIONAL SCIENCE FOUNDATION G10503		
Account Number 46-22-20-354		
1. Delbert H. Laws, 5212, Senior Laboratory Mechanic....	ZN50	\$ 3 270
U.S. N.O.B.S. 65790		
Account Number 46-22-20-360		
1. Jo Anne Hansen, 7644, Clerk-Typist III.....	ZN50	\$ 1 650
U.S. N.O.B.S. 77008		
Account Number 46-22-20-361		
1. Kenneth T. Rominger, 6928, Stores Clerk.....	ZN50	\$ 1 980
(Total Salary)		(3 960)
2. Virginia L. Roots, 1288, Clerk-Typist III.....	ZN50	1 755
<i>Total, U.S. N.O.B.S. 77008.....</i>		<u>\$ 3 735</u>
U.S. N.O.B.S. 77137		
Account Number 46-22-20-362		
1. Delbert E. McCulley, 1302, Research Program Adminis- trative Assistant	ZN25	\$ 2 250
2. Kenneth T. Rominger, 6928, Stores Clerk.....	ZN50	1 980
3. Paul F. Douglas, 6105, Senior Laboratory Mechanic....	ZN50	3 270
4. Glenn E. Rymer, 1299, Senior Laboratory Mechanic....	N	6 600
5. Wayne E. Jowasky, 5990, Electronics Technician I.....	ZN50	2 700
<i>Total, U.S. N.O.B.S. 77137.....</i>		<u>\$16 800</u>
U.S. OFFICE OF NAVAL RESEARCH 183403		
Account Number 46-22-20-369		
1. Jessie L. Creamer, 1300, Clerk-Stenographer III.....	ZN50	\$ 2 400
2. Mary E. Cox, 7321, Clerk-Typist II.....	N	3 000
<i>Total, U.S. Office of Naval Research 183403.....</i>		<u>\$ 5 400</u>
U.S. PUBLIC HEALTH SERVICE RG 6436		
Account Number 46-22-20-372		
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. June M. Anderson, 7845, Clerk I..... ZN50 \$ 1 500

STATE OF ILLINOIS DIVISION OF HIGHWAYS — HIGHWAY MEDIANS

Account Number 47-22-20-336

1. Dorothy J. Burright, 6796, Clerk-Typist II..... ZN50 \$ 1 770
(Total Salary) (3 540)

STATE OF ILLINOIS DIVISION OF HIGHWAYS — HIGHWAY PROBLEMS

Account Number 47-22-20-338

1. Joanne W. Jones, 5686, Clerk-Stenographer II..... N \$ 3 600

STATE OF ILLINOIS DIVISION OF HIGHWAYS — PRESTRESSED BRIDGES

Account Number 47-22-20-367

1. Delbert E. McCulley, 1302, Research Program Administrative Assistant ZN25 \$ 2 250

2. Wyck E. McKenzie, 1291, Junior Laboratory Mechanic... ZN50 2 940

Total, State of Illinois Division of Highways — Prestressed Bridges \$ 5 190

STATE OF ILLINOIS DIVISION OF HIGHWAYS —

RIVETED BOLTED JOINTS

Account Number 47-22-20-374

1. Louis J. Mesker, 1293, Senior Laboratory Mechanic..... N \$ 6 600

STATE OF ILLINOIS DIVISION OF HIGHWAYS — SOIL AGGREGATE

Account Number 47-22-20-379

1. Dorothy J. Burright, 6796, Clerk-Typist II..... ZN50 \$ 1 770

STATE OF ILLINOIS DIVISION OF HIGHWAYS — SOIL MAPPING

Account Number 47-22-20-382

1. Mary A. Bateman, 1296, Clerk-Stenographer II..... N \$ 3 600

STATE OF ILLINOIS DIVISION OF HIGHWAYS —

VEHICULAR SPEED REGULATION

Account Number 47-22-20-386

1. Nancy L. Cone, 7320, Clerk-Stenographer II..... ZN85 \$ 2 805
(Total Salary) (3 300)

STATE OF ILLINOIS DIVISION OF HIGHWAYS —

WELDED HIGHWAY STRUCTURES

Account Number 47-22-20-391

1. Nancy J. Phillips, 7643, Clerk-Typist III..... ZN50 \$ 1 650

2. Walter F. Wilsky, 1289, Senior Laboratory Mechanic... ZN50 3 270

Total, State of Illinois Division of Highways — Welded Highway Structures \$ 4 920

Coordinated Science Laboratory

U.S. Army Signal Corps 85122

Account Number 46-22-22-310

1. Nancy L. Klein, 5475, Cost Accountant I..... N \$ 4 200

2. ———, 7046, Electronics Engineering Assistant... N 6 300

3. Earl E. Rumbaugh, 1423, Research Program Administrative Assistant N 9 000

4. ———, 7045, Research Project Assistant..... N 6 300

5. Lawrence R. Hampel, 8050, Assistant Laboratory Attendant N 3 240

6. Robert E. Potter, 7761, Accounting Clerk I..... N 3 060

7. Margaret L. Ellsworth, 5501, Library Clerk II..... N 3 360

8. Clarice A. Jester, 5485, Clerk-Stenographer III..... N50 1 740

9. Katharine K. Jones, 4976, Clerk-Stenographer III..... N 3 420

10. Nancy M. Singer, 1426, Clerk-Stenographer III..... N 3 600

11. ———, 5280, Clerk-Typist II..... N 3 480

12. Julia K. Berger, 5453, Clerk-Typist III..... N 4 140

13. Bernice Cervone, 1425, Clerk-Typist III..... N 3 120

14. Robert F. MacFarlane, 5392, Engineering Draftsman II.. N 6 420

15. Carl E. Kling, 7734, Glassblower II..... ZN50 4 200
(Total Salary) (8 400)

16.	Kenneth E. Merritt, 1434, Instrument Maker.....	N	7	380
17.	Robert L. Zackery, 1440, Instrument Maker.....	N	7	380
18.	John J. Desmond, 5428, Departmental Business Manager	N	12	000
19.	William E. Beaulin, 7467, Senior Laboratory Mechanic..	N	6	480
20.	Neil T. Powers, 5462, Senior Laboratory Mechanic.....	N	6	480
21.	Harley M. Tenbrook, 1439, Senior Laboratory Mechanic	N	6	540
22.	Ernest H. Neff, 6646, Control Systems Operator.....	N	7	800
23.	Carlyle W. Morris, 5272, Photographer II.....	N	5	880
24.	_____, 1441, Secretary—Transcribing.....	N	4	200
25.	Charles E. Drews, 1428, Storekeeper.....	N	5	250
26.	Clayborn M. Lofton, 5233, Storekeeper.....	N	4	800
27.	Herman Jordan, 6586, Electronics Technician I.....	N	5	280
28.	James E. Bowers, 1433, Electronics Technician II.....	N	6	120
29.	Estil N. Carter, 5306, Electronics Technician II.....	N	6	600
30.	Dale E. Coad, 1436, Electronics Technician II.....	N	6	240
31.	Donald R. Deschene, 5994, Electronics Technician II....	N	5	880
32.	Oral E. Gardner, 4917, Electronics Technician II.....	N	6	060
33.	Fred O. Holy, 6334, Electronics Technician II.....	N	6	240
34.	James H. Knoke, 5901, Electronics Technician II.....	N	6	660
35.	William I. Lawrence, 5508, Electronics Technician II...	N	5	520
36.	Charles H. Odle, 5455, Electronics Technician II.....	N	6	360
37.	Thomas W. Popeney, 4896, Electronics Technician II....	N	5	460
38.	Wayne L. Schmidt, 5900, Electronics Technician II.....	N	5	160
39.	Leo W. Streff, 1432, Electronics Technician II.....	N	6	600
40.	Nicholas Vassos, 1431, Electronics Technician II.....	N	6	300
<i>Total, Coordinated Science Laboratory.....</i>			<i>\$225</i>	<i>150</i>

College

Electrical Engineering

Account Number 00-22-25-100

1.	John F. Bauerle, 7805, Biophysical Research Laboratory Assistant.....	N	\$	6	720
2.	John C. Humphrey, 1320, Junior Laboratory Attendant..	N		4	500
3.	Martin P. Pembroke, 7354, Stores Clerk.....	N		4	320
4.	Myron E. Wright, 6470, Stores Clerk.....	N		4	080
5.	Linda M. Howe, 1327, Clerk-Stenographer I.....	N		2	970
6.	Norma S. Olson, 1325, Clerk-Stenographer II.....	N		3	540
7.	Ruth E. Pembroke, 1322, Clerk-Stenographer II.....	N		3	330
8.	Hazel M. Crawford, 1323, Clerk-Stenographer III.....	N		4	800
9.	Melba E. Bundy, 1326, Clerk-Typist II.....	N		3	000
10.	Carol M. Knosher, 1324, Clerk-Typist II.....	N		3	210
11.	G. H. Powers, 1307, Instrument Maker.....	N		7	620
12.	Richard E. Smith, 1337, Instrument Maker.....	N		7	380
13.	Jerold R. Bryant, 1317, Assistant Laboratory Mechanic..	N50		2	190
14.	Jack R. Currie, 5152, Assistant Laboratory Mechanic....	N50		1	920
15.	Louie E. Foley, 1316, Senior Laboratory Mechanic.....	N		6	480
16.	James Pulliam, Jr., 1313, Senior Laboratory Mechanic...	N		6	570
17.	Marcia H. Peterman, 1321, Office Supervisor.....	N		7	200
18.	W. E. Kruse, 1315, Electronics Technician II.....	N		6	750
19.	Donald J. Mucha, 7189, Electronics Technician II.....	N75		3	870
20.	_____, Electronics Technician II.....	N7			360
21.	Charles G. Preston, 1318, Instrument and Measurement Technician I	N		5	400
<i>Total, Electrical Engineering (College).....</i>			<i>\$96</i>	<i>210</i>	

Station

Account Number 00-22-25-300

1.	Mary C. Keith, 1347, Accounting Clerk I.....	N	\$	3	000
2.	Richard L. Jackson, 1339, Stores Clerk.....	ZN50		1	980
(Total Salary)				(3	960)
3.	Theda A. Sullivan, 1343, Clerk-Stenographer II.....	N		2	910
4.	Martha A. Glenn, 1348, Clerk-Stenographer III.....	N		3	540
5.	Susan R. Kaufman, 7130, Clerk-Typist II.....	ZN50		1	470
(Total Salary)				(2	940)

6. Sally Niva, 7131, Clerk-Typist II.....	N	2 640
7. Andras Gal, 3145, Engineering Draftsman I.....	N	4 620
8. Byron L. Marshall, 1306, Instrument Maker.....	N	7 620
9. Harold B. Lawler, 1305, Laboratory Manager.....	N	10 000
10. Irvn R. Franklin, 1310, Senior Laboratory Mechanic....	N	6 540
11. Thomas A. Newkirk, 1308, Electronics Technician II....	N	6 180
<i>Total, Electrical Engineering (Station).....</i>		<u>\$50 500</u>

Stores — Electrical Engineering Replacement Overhead

Account Number 08-22-25-973

1. Richard L. Jackson, 1339, Stores Clerk.....	ZN50	\$ 1 980
2. Patricia A. Beabout, 1344, Typing Clerk II.....	N	2 760
<i>Total, Stores — Electrical Engineering Replacement Overhead</i>		<u>\$ 4 740</u>

Indirect Costs — Electrical Engineering

Account Number 40-22-25-300

1. Alma T. Aoyagi, 8170, Clerk-Typist II.....	N50	\$ 1 500
2. Susan R. Kaufman, 7130, Clerk-Typist II.....	ZN50	1 470
3. Ronald W. Taylor, 7847, Duplicating Machine Operator III	N	4 200
4. Walter W. Wood, 8081, Technical Services Supervisor..	N	10 000
<i>Total, Indirect Costs — Electrical Engineering.....</i>		<u>\$17 170</u>

Cooperative Investigations

STATE UNIVERSITY OF IOWA — PARKINSON HYPERKINETIC DISORDERS

Account Number 44-22-25-342

1. Robert F. Noyes, 7538, Biophysical Research Laboratory Assistant.....	ZN13	\$ 1 030
(Total Salary)		(7 820)
2. Wesley P. Bauerle, 7657, Electronics Engineering Assistant	N	6 700
<i>Total, State University of Iowa — Parkinson Hyperkinetic Disorders</i>		<u>\$ 7 730</u>

U.S. AIR FORCE 62

Account Number 46-22-25-301

1. Patricia L. Shafer, 7350, Clerk-Typist II.....	ZN10	\$ 330
(Total Salary)		(1 650)
2. J. F. Lowe, 1336, Instrument Maker.....	ZN20	1 524
(Total Salary)		(7 620)
3. Kenneth W. Bartlett, 5238, Electronics Technician II... ..	ZN20	1 068
(Total Salary)		(5 340)
<i>Total, U.S. Air Force 62.....</i>		<u>\$ 2 922</u>

U.S. AIR FORCE 63

Account Number 46-22-25-303

1. Marjorie A. Johnson, 7038, Assistant to Editor.....	ZN25	\$ 1 562
(Total Salary)		(6 250)
2. Carol J. Meier, 7713, Clerk-Stenographer II.....	ZN25	743
(Total Salary)		(2 970)
<i>Total, U.S. Air Force 63.....</i>		<u>\$ 2 305</u>

U.S. AIR FORCE 417

Account Number 46-22-25-305

1. Pieter Knorr, 7427, Glass Blower II.....	ZN25	\$ 2 090
(Total Salary)		(8 360)
2. Edward D. Boose, 1314, Electronics and Chemical Treatment Technician	ZN25	1 620
(Total Salary)		(6 480)
3. Robert M. Work, 5903, Electronics Technician I.....	ZN50	2 085
(Total Salary)		(4 170)
<i>Total, U.S. Air Force 417.....</i>		<u>\$ 5 795</u>

U.S. AIR FORCE 763

Account Number 46-22-25-307

1. Lloyd C. Schneidt, 8229, Stores Clerk.....	ZN12	\$ 532
(Total Salary)		(4 260)

U.S. AIR FORCE 2152

Account Number 46-22-25-309

1. A. B. Wilson, 1338, Electronics Engineering Assistant..	ZN33	\$ 2 400
(Total Salary)		(7 200)
2. Richard F. Ripper, 1342, Chief Clerk.....	ZN25	1 588
(Total Salary)		(6 350)
3. Patricia S. Mukherjee, 7720, Typing Clerk II.....	ZN25	758
(Total Salary)		(1 515)
4. Diane S. Swanson, 7766, Clerk-Typist II.....	ZN25	795
(Total Salary)		(1 590)
5. Leroy L. Dreyer, 7705, Electronic Engineer.....	N	8 000
6. Paul D. Goldan, 7954, Electronic Engineer.....	N	7 900
7. Robert A. Kawcyn, 7764, Electronic Engineer.....	N	8 000
8. Merrill B. Watson, 7913, Glass Blower I.....	N	5 750
9. Pieter Knorr, 7427, Glass Blower II.....	ZN25	2 090
10. Carl M. Boley, 1328, Instrument Maker.....	ZN67	5 080
(Total Salary)		(7 620)

Total, U.S. Air Force 2152.....\$42 361

U.S. AIR FORCE 5565

Account Number 46-22-25-310

1. Ronald Glass, 8111, Draftsman.....	ZN50	\$ 2 310
(Total Salary)		(4 620)
2. Orville L. McClelland, 8177, Electronic Engineer.....	ZN25	1 650
(Total Salary)		(6 600)
3. Edward D. Boose, 1314, Electronics and Chemical Treatment Technician	ZN75	4 860
Total, U.S. Air Force 5565.....		\$ 8 820

U.S. AIR FORCE 7043

Account Number 46-22-25-312

1. A. B. Wilson, 1338, Electronics Engineering Assistant...	ZN17	\$ 1 200
2. W. Irene Gault, Clerk III.....	ZN25	983
(Total Salary)		(3 930)
3. Patricia L. Shafer, 7350, Clerk-Typist II.....	ZN15	495
4. J. F. Lowe, 1336, Instrument Maker.....	ZN25	1 905
5. Kenneth W. Bartlett, 5238, Electronics Technician II...	ZN30	1 602
Total, U.S. Air Force 7043.....		\$ 6 185

U.S. AIR FORCE 6079

Account Number 46-22-25-314

1. Marjorie A. Johnson, 7038, Assistant to Editor.....	ZN25	\$ 1 563
2. Orville L. McClelland, 8177, Electronic Engineer.....	ZN75	4 950
3. Lewis H. Claybaugh, 1311, Senior Laboratory Mechanic	ZN50	3 285
(Total Salary)		(6 570)
4. D. D. Pritchard, 1340, Storekeeper.....	ZN50	2 685
(Total Salary)		(5 370)
Total, U.S. Air Force 6079.....		\$12 483

U.S. AIR FORCE 3481

Account Number 46-22-25-315

1. A. B. Wilson, 1338, Electronics Engineering Assistant...	ZN33	\$ 2 400
2. Patricia S. Mukherjee, 7720, Typing Clerk II.....	ZN25	757
3. Pieter Knorr, 7427, Glass Blower II.....	ZN25	2 090
4. Carl M. Boley, 1328, Instrument Maker.....	ZN33	2 540
5. Arthur E. Monson, 1309, Senior Laboratory Mechanic...	ZN50	3 240
(Total Salary)		(6 480)
Total, U.S. Air Force 3481.....		\$11 027

U.S. AIR FORCE 556

Account Number 46-22-25-316

1. Arthur E. Monson, 1309, Senior Laboratory Mechanic... ZN25 \$ 1 620

U.S. AIR FORCE 6428

Account Number 46-22-25-319

1. Marjorie A. Johnson, 7038, Assistant to Editor..... ZN25 \$ 1 562
 2. _____, 7719, Draftsman..... ZN50 2 040
 (Total Salary) (4 080)
 3. Harvey B. Wright, 8220, Engineering Draftsman I..... ZN34 1 760
 (Total Salary) (5 280)
 Total, U.S. Air Force 6428..... \$ 5 362

U.S. ARMY ORDNANCE 1983

Account Number 46-22-25-322

1. Carol J. Meier, 7713, Clerk-Stenographer II..... ZN25 \$ 742

U.S. ARMY SIGNAL CORPS 84525

Account Number 46-22-25-328

1. W. Irene Gault, Clerk III..... ZN25 \$ 982
 2. Richard F. Ripper, 1342, Chief Clerk..... ZN25 1 587
 3. D. D. Pritchard, 1340, Storekeeper..... ZN25 1 343
 Total, U.S. Army Signal Corps 84525..... \$ 3 912

U.S. ARMY SIGNAL CORPS 78313

Account Number 46-22-25-333

1. Diane S. Swanson, 7766, Clerk-Typist II..... ZN25 \$ 795

U.S. ATOMIC ENERGY COMMISSION 392

Account Number 46-22-25-334

1. A. B. Wilson, 1338, Electronics Engineering Assistant... ZN17 \$ 1 200
 2. Patricia L. Shafer, 7350, Clerk-Typist II..... ZN25 825
 3. Thomas R. Oerman, 8212, Draftsman..... ZN25 930
 (Total Salary) (3 720)
 4. J. F. Lowe, 1336, Instrument Maker..... ZN55 4 191
 5. Kenneth W. Bartlett, 5238, Electronics Technician II.... ZN50 2 670
 Total, U.S. Atomic Energy Commission 392..... \$ 9 816

U.S. NATIONAL AERONAUTICAL AND SPACE ADMINISTRATION

NATIONAL SCIENCE GRANT 2459

Account Number 46-22-25-340

1. Lloyd C. Schneidt, 8229, Stores Clerk..... ZN50 \$ 2 130
 2. Carol J. Meier, 7713, Clerk-Stenographer III..... ZN50 1 485
 3. Vernon E. Shepherd, 8127, Draftsman..... ZN50 2 400
 (Total Salary) (4 800)
 4. James G. Card, 7842, Electronics Engineer..... N 7 550
 Total, U.S. National Aeronautical and Space Adminis-
 tration National Science Grant 2459..... \$13 565

U.S. NATIONAL SCIENCE FOUNDATION G10885

Account Number 46-22-25-347

1. Lloyd C. Schneidt, 8229, Stores Clerk..... ZN13 \$ 533
 2. Thomas R. Oerman, 8212, Draftsman..... ZN25 930
 3. Stuart F. Yoos, Jr., 7023, Electronics Technician I..... ZN50 2 100
 (Total Salary) (4 200)
 Total, U.S. National Science Foundation G10885..... \$ 3 563

U.S. NATIONAL SCIENCE FOUNDATION G7421

Account Number 46-22-25-349

1. W. Irene Gault, Clerk III..... ZN25 \$ 982
 2. Lloyd C. Schneidt, 8229, Stores Clerk..... ZN12 532
 Total, U.S. National Science Foundation G7421..... \$ 1 514

U.S. N.O.B.S. 64723

Account Number 46-22-25-357

1. Marjorie A. Johnson, 7038, Assistant to Editor..... ZN25 \$ 1 563
 2. Richard F. Ripper, 1342, Chief Clerk..... ZN23 1 460

3. Sharon E. Frielich, 8163, Clerk-Typist II.....	N	2 520
4. Ronald Glass, 8111, Draftsman.....	ZN50	2 310
5. Harvey B. Wright, 8220, Engineering Draftsman I.....	ZN33	1 760
6. Arthur E. Monson, 1309, Senior Laboratory Mechanic....	ZN25	1 620
7. Theodore O. Gibson, 6574, Electronics Technician II....	N	5 800
8. Frank Luksander, 6927, Electronics Technician II.....	N	5 210
<i>Total, U.S. N.O.B.S. 64723.....</i>		<u>\$22 243</u>
U.S. OFFICE OF NAVAL RESEARCH 183402		
Account Number 46-22-25-378		
1. Sandra K. Sullivan, 7829, Typing Clerk I.....	ZN50	\$ 1 200
(Total Salary)		(2 400)
2. Thomas R. Oerman, 8212, Draftsman.....	ZN50	1 860
3. D. D. Pritchard, 1340, Storekeeper.....	ZN25	1 342
<i>Total, U.S. Office of Naval Research 183402.....</i>		<u>\$ 4 402</u>
U.S. OFFICE OF NAVAL RESEARCH 183417		
Account Number 46-22-25-380		
1. Pieter Knorr, 7427, Glass Blower II.....	ZN25	\$ 2 090
2. Lewis H. Claybaugh, 1311, Senior Laboratory Mechanic..	ZN50	3 285
3. Robert M. Work, 5903, Electronics Technician I.....	ZN50	2 085
<i>Total, U.S. Office of Naval Research 183417.....</i>		<u>\$ 7 460</u>
U.S. OFFICE OF NAVAL RESEARCH 183420		
Account Number 46-22-25-381		
1. Faye J. Keener, 7159, Clerk-Stenographer III.....	ZN50	\$ 2 280
(Total Salary)		(4 560)
U.S. OFFICE OF NAVAL RESEARCH 183429		
Account Number 46-22-25-383		
1. Lloyd C. Schneidt, 8229, Stores Clerk.....	ZN13	\$ 533
2. Sandra K. Sullivan, 7829, Typing Clerk I.....	ZN50	1 200
<i>Total, U.S. Office of Naval Research 183429.....</i>		<u>\$ 1 733</u>
U.S. PUBLIC HEALTH SERVICE B1017		
Account Number 46-22-25-388		
1. Edwin R. Jackson, 5262, Animal Caretaker.....	ZN25	\$ 1 200
(Total Salary)		(2 400)
2. Vernon E. Shepherd, 8127, Draftsman.....	ZN50	2 400
<i>Total, U.S. Public Health Service B1017.....</i>		<u>\$ 3 600</u>
U.S. PUBLIC HEALTH SERVICE M1370		
Account Number 46-22-25-389		
1. Edwin R. Jackson, 5262, Animal Caretaker.....	ZN25	\$ 1 200
2. Stuart F. Yoos, Jr., 7023, Electronics Technician I.....	ZN50	2 100
<i>Total, U.S. Public Health Service M1370.....</i>		<u>\$ 3 300</u>
U.S. PUBLIC HEALTH SERVICE B1567		
Account Number 46-22-25-390		
1. Dale E. Ward, 6320, Senior Laboratory Attendant.....	N	\$ 5 280
2. Faye J. Keener, 7159, Clerk-Stenographer III.....	ZN50	2 280
<i>Total, U.S. Public Health Service B1567.....</i>		<u>\$ 7 560</u>
U.S. PUBLIC HEALTH SERVICE C4044		
Account Number 46-22-25-391		
1. W. Irene Gault, Clerk III.....	ZN25	\$ 983
2. _____, 7719, Draftsman.....	ZN50	2 040
3. Harvey B. Wright, 8220, Engineering Draftsman I.....	ZN33	1 760
4. George W. Zopf, Jr., 8023, Electronics Engineer.....	N	7 000
<i>Total, U.S. Public Health Service C4044.....</i>		<u>\$11 783</u>
U.S. PUBLIC HEALTH SERVICE—IOWA B1955		
Account Number 46-22-25-395		
1. Wilma J. Deem, 7762, Biophysical Research Nurse.....	N	\$ 4 800

Ultrasound in Biology

Account Number 00-22-26-300

1. Robert F. Noyes, 7538, Biophysical Research Laboratory Assistant.....	ZN87	\$ 6 790
(Total Salary)		(7 820)
<i>Total, Ultrasound in Biology.</i>		\$ 6 790

College**General Engineering**

Account Number 00-22-30-100

1. Janet P. Miller, 6794, Clerk-Typist III.....	N	\$ 3 120
2. Maxine A. Mason, 1349, Secretary — Stenographic.....	N	4 800
<i>Total, General Engineering (College).</i>		\$ 7 920

Measurement Program

Account Number 00-22-35-300

1. Betty L. Hull, 1256, Secretary — Stenographic.....	N	\$ 4 800
2. Billy B. McNeill, 6122, Instrument and Measurement Technician I	N	5 280
3. Edgar A. Blair, 1312, Instrument and Measurement Technician II	N	7 020
4. Francis E. Dilley, 5543, Instrument and Measurement Technician II	N	6 900
5. Glen H. Lafenhagen, 1253, Instrument and Measurement Technician II	N	6 900
6. Chester M. Richman, 1254, Instrument and Measurement Technician II	N	6 900
<i>Total, Measurement Program.</i>		\$37 800

Instrument Service

Account Number 09-22-35-942

1. Glenn R. Keown, 7378, Operations Clerk.....	N	\$ 4 860
2. ———, 7040, Operations Clerk.....	N	3 900
3. Helen Bradfield, 6362, Typing Clerk II.....	N	3 000
4. Richard L. Cunningham, 6926, Instrument and Measurement Technician I	N	4 800
5. Oskar F. Richter, 5913, Instrument and Measurement Technician I	N	4 800
<i>Total, Instrument Service.</i>		\$21 360

College**Mechanical and Industrial Engineering**

Account Number 00-22-40-100

1. Harold F. Schultz, 7362, Equipment Attendant.....	N	\$ 4 320
2. Patricia L. Harney, 1366, Clerk-Typist II.....	N	2 820
3. Mildred R. Potts, 1365, Clerk-Typist III.....	N	4 080
4. Burl A. Manuel, 1355, Instrument Maker.....	N	7 380
5. W. H. Smith, 1350, Instrument Maker.....	N	7 380
6. Harold A. Lovenguth, 8053, Junior Laboratory Mechanic.....	N	5 460
7. G. F. Miller, 1360, Junior Laboratory Mechanic.....	N	5 880
8. Victor H. Strohl, 1361, Junior Laboratory Mechanic.....	N	5 460
9. Warren R. Gordon, 1359, Senior Laboratory Mechanic....	N	6 120
10. Thomas R. Heald, 1356, Senior Laboratory Mechanic.....	N	6 570
11. M. W. Hoag, 1351, Senior Laboratory Mechanic.....	N	6 780
12. William D. Morfey, 7486, Senior Laboratory Mechanic....	N	6 480
13. Norman G. Donze, 1353, Junior Foundry Molder.....	N	6 060
14. Opal F. Lumsden, 1357, Secretary — Transcribing.....	N	4 650
15. M. F. Sadorus, 1362, Storekeeper.....	N	5 250
<i>Total, Mechanical and Industrial Engineering (College).</i>		\$84 690

Station

Account Number 00-22-40-300

1. Helen McDonnell, 1364, Clerk-Typist III.....	ZN60	\$ 2 286
(Total Salary)		(3 810)

2. Margaret E. Walden, 1363, Clerk-Typist III.....	N	3 570
3. Lawrence W. Hirschler, 5269, Instrument Maker.....	N	7 380
4. ———, 6787, Junior Laboratory Mechanic.....	N50	3 360
5. Allen F. Stephens, 1352, Senior Laboratory Mechanic....	N	6 480
<i>Total, Mechanical and Industrial Engineering (Station).</i>		<u>\$23 076</u>

Cooperative Investigations**INSTITUTE OF BOILER AND RADIATOR MANUFACTURERS —
STEAM AND WATER HEAT**

Account Number 44-22-40-342

1. Catherine A. Decker, 1367, Clerk-Stenographer II.....	ZN50	\$ 1 440
(Total Salary)		(2 880)
2. William J. Graham, Jr., 7748, Assistant Laboratory Mechanic.....	N	4 260
<i>Total, Institute of Boiler and Radiator Manufacturers — Steam and Water Heat.</i>		<u>\$ 5 700</u>

NATIONAL WARM AIR HEATING — FURNACES

Account Number 44-22-40-356

1. Catherine A. Decker, 1367, Clerk-Stenographer II.....	ZN50	\$ 1 440
2. Martin Steidner, 1369, Junior Laboratory Mechanic.....	N	5 880
<i>Total, National Warm Air Heating — Furnaces.</i>		<u>\$ 7 320</u>

College**Mining and Metallurgical Engineering**

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	6 480
3. H. W. Kruse, 1372, Senior Laboratory Mechanic.....	N	6 780
4. Hazel Allen, 1371, Secretary-Stenographic.....	N	5 700
<i>Total, Mining and Metallurgical Engineering (College)..</i>		<u>\$20 940</u>

Station

Account Number 00-22-50-300

1. Sandra L. Easton, 1376, Clerk-Typist III.....	ZN50	\$ 1 650
(Total Salary)		(3 300)
2. Dixie Lee Rockhold, 7981, Clerk-Typist III.....	ZN50	1 650
(Total Salary)		(3 300)
3. Robert D. McNely, 1375, Junior Laboratory Mechanic....	N	5 910
4. Frank R. O'Connor, 1373, Senior Laboratory Mechanic....	N	6 570
<i>Total, Mining and Metallurgical Engineering (Station)..</i>		<u>\$15 780</u>

Indirect Costs — Mining and Metallurgical Engineering

Account Number 40-22-50-300

1. Dixie Lee Rockhold, 7981, Clerk-Typist III.....	ZN25	\$ 825
2. Sandra L. Easton, 1376, Clerk-Typist III.....	ZN50	1 650
<i>Total, Indirect Costs — Mining and Metallurgical Engineering.....</i>		<u>\$ 2 475</u>

Cooperative Investigations

U.S. AIR FORCE 6770

Account Number 46-22-50-305

1. Margie L. Keele, 5003, Clerk-Typist III.....	ZN17	\$ 660
(Total Salary)		(3 630)

U. S. AIR FORCE 106

Account Number 46-22-50-306

1. ———, 6535, Clerk-Typist II.....	ZN25	\$ 780
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U.S. AIR FORCE 212

Account Number 46-22-50-307

1. Dixie Lee Rockhold, 7981, Clerk-Typist III.....	ZN15	\$ 495
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U.S. AIR FORCE 420

Account Number 46-22-50-309

1. ———, 6535, Clerk-Typist II.....	ZN25	\$ 780
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2. Dixie Lee Rockhold, 7981, Clerk-Typist III.....	ZN10	330
3. Charles W. DeVore, 6705, Senior Laboratory Mechanic..	ZN25	1 620
(Total Salary)		(6 480)
<i>Total, U.S. Air Force 420.</i>		<u>\$ 2 730</u>

U.S. ARMY ORDNANCE 1175

Account Number 46-22-50-314

1. Margie L. Keele, 5003, Clerk-Typist III.....	ZN17	\$ 660
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U.S. ATOMIC ENERGY COMMISSION PROJECT 9

Account Number 46-22-50-320

1. Margie L. Keele, 5003, Clerk-Typist III.....	ZN16	\$ 660
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U.S. ATOMIC ENERGY COMMISSION PROJECT 15

Account Number 46-22-50-322

1. Charles W. DeVore, 6705, Senior Laboratory Mechanic..	ZN25	\$ 1 620
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College

Nuclear Engineering

Account Number 00-22-53-100

1. Harry N. Newman, 7701, Junior Laboratory Mechanic....	N	\$ 5 700
2. Gerald Paul Beck, 8158, Reactor Supervisor.....	N	9 000
<i>Total, Nuclear Engineering (College)</i>		<u>\$14 700</u>

College

Physics

Account Number 00-22-55-100

1. Carlos A. Perceny, 7451, Physical Research Laboratory Assistant.....	ZN25	\$ 1 875
(Total Salary)		(7 500)
2. Fred S. Wise, 7896, Physical Research Laboratory Assistant.....	ZN35	3 010
(Total Salary)		(8 600)
3. Robert E. Marlatt, 1385, Senior Laboratory Attendant....	N	5 220
4. Delos C. Oliver, 1386, Senior Laboratory Attendant.....	N	5 250
5. Doris A. Davis, 1391, Clerk III.....	N	3 600
6. Lolita C. Paden, 1393, Clerk III.....	N	4 140
7. Harry C. Gersbaugh, 1387, Chief Clerk.....	N	6 030
8. Patricia A. Lockhart, 7407, Clerk-Stenographer III.....	ZN50	1 560
(Total Salary)		(3 120)
9. Barbara J. Fiorillo, 7407, Clerk-Typist III.....	ZN50	1 560
(Total Salary)		(3 120)
10. Barbara D. Kaufman, 1392, Clerk-Typist III.....	N	4 200
11. Eva L. Kinstle, 1394, Clerk-Typist III.....	ZN50	1 725
(Total Salary)		(3 450)
12. Patricia A. Reys, 1395, Clerk-Typist III.....	N	3 480
13. Creed A. Wills, 6665, Engineering Draftsman I.....	ZN50	2 505
(Total Salary)		(5 010)
14. George P. Clark, 1382, Instrument Maker.....	ZN50	3 690
(Total Salary)		(7 380)
15. Ervie T. Ditzler, 1398, Instrument Maker.....	ZN50	3 690
(Total Salary)		(7 380)
16. Ralph F. Flora, 1377, Departmental Business Manager....	N	12 000
17. Harold G. Stoner, 1383, Senior Laboratory Mechanic....	ZN50	3 300
(Total Salary)		(6 600)
18. Charles Van Holland, 1378, Senior Laboratory Mechanic..	ZN50	3 390
(Total Salary)		(6 780)
19. Patrick K. Watson, 1384, Senior Laboratory Mechanic....	ZN50	3 240
(Total Salary)		(6 480)
20. Bess G. Matteson, 1388, Secretary — Stenographic.....	N	5 610
21. Dorothy A. Trotter, 7263, Secretary — Stenographic.....	N	5 010
22. Edward J. Early, 1389, Storekeeper.....	N	4 800
23. Roy G. Givens, 7666, Storekeeper.....	N	4 800
24. Frank E. L. Witt, 8076, Technical Service Supervisor....	N	9 180
<i>Total, Physics (College)</i>		<u>\$102 865</u>

Stores — Physics Overhead

Account Number 08-22-55-965

1. Morris K. Coad, 7212, Stores Clerk.....	N	\$ 4 200
2. Robert L. Russell, 1389, Storekeeper.....	N	5 220
<i>Total, Stores — Physics Overhead.....</i>		<u>\$ 9 420</u>

Liquid Helium Service

Account Number 09-22-55-946

1. Donald C. Swanson, 1397, Senior Laboratory Mechanic....	N	\$ 6 540
2. Orville M. Zorns, 6466, Senior Laboratory Mechanic.....	ZN50	3 180
(Total Salary)		(6 360)
<i>Total, Liquid Helium Service.....</i>		<u>\$ 9 720</u>

Indirect Costs — Physics

Account Number 40-22-55-300

1. Fred S. Wise, 7896, Physical Research Laboratory Assistant.....	ZN65	\$ 5 590
2. Walter A. Hromadnik, 7480, Senior Laboratory Attendant	N	4 860
<i>Total, Indirect Costs — Physics.....</i>		<u>\$10 450</u>

Cooperative Investigations

A. P. SLOAN FOUNDATION, INC. — SOLID STATE — MAPOTHER

Account Number 44-22-55-377

1. Carlos A. Perceny, 7451, Physical Research Laboratory Assistant.....	ZN25	\$ 1 875
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A. P. SLOAN FOUNDATION, INC. — MAGNETIC RESEARCH — SLICHTER

Account Number 44-22-55-378

1. Carlos A. Perceny, 7451, Physical Research Laboratory Assistant.....	ZN25	\$ 1 875
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U.S. AIR FORCE 49

Account Number 46-22-55-301

1. Eva L. Kinstle, 1394, Clerk-Typist III.....	ZN25	\$ 862
2. Harold G. Stoner, 1383, Senior Laboratory Mechanic.....	ZN50	3 300
<i>Total, U.S. Air Force 49.....</i>		<u>\$ 4 162</u>

U.S. AIR FORCE 579

Account Number 46-22-55-306

1. E. Ann Wells, 1390, Clerk-Stenographer III.....	ZN25	\$ 915
(Total Salary)		(3 660)
2. Wayne L. Craig, 7814, Senior Laboratory Mechanic.....	ZN50	3 180
(Total Salary)		(6 360)
<i>Total, U.S. Air Force 579.....</i>		<u>\$ 4 095</u>

U.S. AIR FORCE 594

Account Number 46-22-55-307

1. Eugene R. Cordes, 1399, Senior Laboratory Mechanic....	N	\$ 6 600
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U.S. ARMY ORDNANCE 1001

Account Number 46-22-55-312

1. E. Ann Wells, 1390, Clerk-Stenographer III.....	ZN25	\$ 915
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U.S. ARMY ORDNANCE 3134

Account Number 46-22-55-318

1. Orville M. Zorns, 6466, Senior Laboratory Mechanic.....	ZN50	\$ 3 180
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U.S. ATOMIC ENERGY COMMISSION PROJECT 3

Account Number 46-22-55-320

1. Creed A. Wills, 6665, Engineering Draftsman I.....	ZN50	\$ 2 505
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U.S. ATOMIC ENERGY COMMISSION PROJECT 22

Account Number 46-22-55-321

1. Patrecia A. Lockhart, 7984, Clerk-Stenographer III.....	ZN25	\$ 780
2. Wayne L. Craig, 7814, Senior Laboratory Mechanic.....	ZN50	3 180
<i>Total, U.S. Atomic Energy Commission Project 22....</i>		<u>\$ 3 960</u>

U.S. ATOMIC ENERGY COMMISSION 182

Account Number 46-22-55-322

1. E. Ann Wells, 1390, Clerk-Stenographer III.....	ZN50	\$ 1 830
2. Eli J. Treasure, Jr., 5674, Accelerator Engineer I.....	N	6 300
3. Ervie T. Ditzler, 1398, Instrument Maker.....	ZN50	3 690
4. Franklin Kibler, 1400, Instrument Maker.....	ZN50	3 690
(Total Salary)		(7 380)
5. Charles W. DeVore, 6705, Senior Laboratory Mechanic..	ZN50	3 240
(Total Salary)		(6 480)
6. Charles Van Holland, 1378, Senior Laboratory Mechanic.	ZN50	3 390
<i>Total, U.S. Atomic Energy Commission 182.....</i>		<i>\$22 140</i>

U.S. ATOMIC ENERGY COMMISSION 833

Account Number 46-22-55-323

1. Herman L. Stalker, 1381, Junior Laboratory Mechanic....	N	\$ 5 460
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U.S. NATIONAL SCIENCE FOUNDATION G5970

Account Number 46-22-55-354

1. Patrecia A. Lockhart, 7984, Clerk-Stenographer III.....	ZN25	\$ 780
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U.S. OFFICE OF NAVAL RESEARCH 183405

Account Number 46-22-55-361

1. Carlos A. Perceny, 7451, Physical Research Laboratory Assistant.....	ZN25	\$ 1 875
2. Margaret L. Drane, 6163, Assistant Laboratory Attendant.	N50	1 620
3. Frances Priest, 8049, Assistant Laboratory Attendant....	N50	1 620
4. ———, 1409, Assistant Laboratory Attendant.....	N	3 240
5. Philip R. Francis, 1453, Chief Clerk.....	N	6 030
6. Barbara J. Fiorillo, 7407, Clerk-Typist III.....	ZN50	1 560
7. Eva L. Kinstle, 1394, Clerk-Typist III.....	ZN25	863
8. Doris A. Miller, 7753, Clerk-Typist III.....	N	3 150
9. ———, 1412, Technical Computer.....	N	3 600
10. Emmy Redey, 1406, Draftsman.....	N	4 200
11. Arthur W. Peters, 1417, Driver.....	P	5 610
12. Fielder G. Dowding, 5604, Accelerator Engineer I.....	N	6 300
13. Roger Lilly, 1418, Accelerator Engineer I.....	N75	4 725
14. Wallace E. Lloyd, 6426, Accelerator Engineer I.....	N	6 000
15. Richard J. Wallstrom, 1414, Accelerator Engineer I.....	N	6 300
16. ———, 5674, Accelerator Engineer I.....	N50	2 820
17. ———, 1420, Accelerator Engineer I.....	N50	2 460
18. Frederick A. Roberts, 6504, Accelerator Engineer II....	N	8 400
19. ———, 1443, Accelerator Engineer II.....	N	7 100
20. ———, 6921, Accelerator Engineer II.....	N	8 160
21. Loren E. Ernest, 1413, Chief Accelerator Engineer.....	N	7 900
22. Clarence L. Rogers, 1446, Chief Accelerator Engineer....	ZN20	1 940
(Total Salary)		(9 700)
23. James R. Starr, Glass Blower I.....	ZN45	2 970
(Total Salary)		(6 600)
24. George P. Clark, 1382, Instrument Maker.....	ZN50	3 690
25. Franklin Kibler, 1400, Instrument Maker.....	ZN50	3 690
26. ———, 7934, Instrument Maker.....	N	7 200
27. ———, 1396, Junior Laboratory Mechanic.....	N	5 280
28. Thomas S. Brooks, 1415, Senior Laboratory Mechanic....	N	6 540
29. Leo E. Cole, 1402, Senior Laboratory Mechanic.....	N	6 480
30. Robert W. Fiscus, 1421, Senior Laboratory Mechanic....	N	6 480
31. George I. Pike, 5676, Senior Laboratory Mechanic.....	N	6 600
32. Patrick K. Watson, 1384, Senior Laboratory Mechanic...	ZN50	3 240
33. ———, 1399, Senior Laboratory Mechanic.....	N	6 240
34. Margaret Runkel, 7476, Secretary—Transcribing.....	N	5 520
35. Edward L. Garrison, 8083, Accelerator Technician.....	N	5 670
36. Curtis A. McGuire, 7779, Accelerator Technician.....	N	5 220
37. Martin G. Stough, 8140, Accelerator Technician.....	N	5 040
38. Donald Vermillion, 5365, Accelerator Technician.....	N	6 420

39. William E. Fears, 7532, Electronics Technician I.....	N	4 800
40. Glenn Russell Mann, 1422, Electronics Technician II.....	N	6 060
41. Edward E. Wascher, 1405, Electronics Technician II.....	N	6 360
42. _____, 1419, Electronics Technician II.....	N	5 820
43. David C. Garrison, 8107, Nuclear Plate Technician.....	N	4 200
<i>Total, U.S. Office of Naval Research 183405.....</i>		<i>\$208 993</i>

Physics Betatron

Account Number 00-22-56-300

1. George J. Schwab, 5642, Physical Research Laboratory Assistant.....	N	\$ 7 860
2. Clarence L. Rogers, 1446, Chief Accelerator Engineer.....	ZN80	7 760
(Total Salary)		(9 700)
3. James R. Harlan, 1448, Electronics Engineer.....	N	9 060
4. James R. Starr, Glass Blower I.....	ZN55	3 630
(Total Salary)		(6 600)
5. Carl E. Kling, 1445, Glass Blower II.....	ZN50	4 200
(Total Salary)		(8 400)
6. George A. Johnson, 1449, Instrument Maker.....	N	7 380
7. James J. Cochrane, 7048, Laboratory Manager.....	N	8 900
8. Marion A. Carrington, 1450, Senior Laboratory Mechanic.....	N	6 540
9. Shirley J. Runyon, 1454, Secretary — Stenographic.....	N	4 350
10. Ralph D. Kenworthy, 1451, Storekeeper.....	N	5 220
<i>Total, Physics Betatron.....</i>		<i>\$64 900</i>

College**Theoretical and Applied Mechanics**

Account Number 00-22-60-100

1. Janet M. Huddleston, 6778, Clerk-Typist III.....	N	\$ 3 120
2. Bonnie J. Malcor, 5398, Clerk-Typist III.....	N	3 120
3. _____, Clerk-Typist III.....	N50	1 500
4. Harley T. Musgrove, 1455, Instrument Maker.....	N	7 470
5. Earl E. Shipley, 1459, Senior Laboratory Mechanic.....	N	6 540
6. E. R. Yates, 1477, Senior Laboratory Mechanic.....	N	6 540
7. Marilyn A. Wright, 1460, Secretary — Stenographic.....	N	5 280
8. Walter Carlson, 7136, Electronics Technician I.....	N	5 400
<i>Total, Theoretical and Applied Mechanics (College)....</i>		<i>\$38 970</i>

Station

Account Number 00-22-60-300

1. Isabelle S. Purnell, 6298, Research Program Administrative Assistant	ZN35	\$ 2 520
(Total Salary)		(7 200)
2. Joan J. Hoppough, 1461, Clerk-Stenographer III.....	N	3 360
3. Ernest J. Bryant, 1458, Senior Laboratory Mechanic.....	N	6 540
4. George E. Mercer, 1457, Senior Laboratory Mechanic.....	N	6 720
5. Larry L. Motsinger, 7491, Duplicating Machine Operator III.....	ZN50	2 300
(Total Salary)		(4 600)
<i>Total, Theoretical and Applied Mechanics (Station)....</i>		<i>\$21 440</i>

Cooperative Investigations

AMERICAN IRON AND STEEL — CONTINUOUS CONCRETE BEAMS

Account Number 44-22-60-301

1. Isabelle S. Purnell, 6298, Research Program Administrative Assistant	ZN5	\$ 360
2. Donna R. Kieso, 7950, Clerk-Stenographer III.....	ZN25	810
(Total Salary)		(3 240)
3. Merle R. Penny, 5273, Junior Laboratory Mechanic.....	ZN34	1 960
(Total Salary)		(5 880)
<i>Total, American Iron and Steel — Continuous Concrete Beams.....</i>		<i>\$ 3 130</i>

AMERICAN IRON AND STEEL — WELDED WIRE FABRIC

Account Number 44-22-60-302

1. Donna R. Kieso, 7950, Clerk-Stenographer III..... ZN25 \$ 810

AMERICAN IRON AND STEEL — FAILURES IN RAILROAD RAILS

Account Number 44-22-60-305

1. Isabelle S. Purnell, 6298, Research Program Administrative Assistant ZN5 \$ 360
 2. Marion C. Moore, 1473, Senior Laboratory Mechanic..... N 6 540
Total, American Iron and Steel — Failures in Railroad Rails..... \$ 6 900

GRIFFIN WHEEL COMPANY — RAILWAY WHEELS

Account Number 44-22-60-332

1. Gleason D. Thomas, 1465, Senior Laboratory Mechanic... N \$ 6 540

U.S. AIR FORCE 5658

Account Number 46-22-60-301

1. Dean Bailey, 5128, Senior Laboratory Mechanic..... ZN50 \$ 3 270
 (Total Salary) (6 540)
 2. Larry L. Motsinger, 7491, Duplicating Machine Operator III..... ZN25 1 150
Total, U.S. Air Force 5658..... \$ 4 420

U.S. ARMY ORDNANCE 593

Account Number 46-22-60-304

1. Isabelle S. Purnell, 6298, Research Program Administrative Assistant ZN10 \$ 720

U.S. AIR FORCE 5153

Account Number 46-22-60-305

1. Isabelle S. Purnell, 6298, Research Program Administrative Assistant ZN10 \$ 720
 2. Nancy E. Dahl, 5363, Clerk-Typist III..... ZN33 1 160
 (Total Salary) (3 480)
 3. Elmer Hunt, 1469, Senior Laboratory Mechanic..... N 6 540
 4. James M. Robertson, 1463, Senior Laboratory Mechanic... N 6 540
Total, U.S. Air Force 5153..... \$14 960

U.S. AIR FORCE 6643

Account Number 46-22-60-306

1. Isabelle S. Purnell, 6298, Research Program Administrative Assistant ZN5 \$ 360
 2. Larry L. Motsinger, 7491, Duplicating Machine Operator III..... ZN25 1 150
Total, U.S. Air Force 6643..... \$ 1 510

U.S. ATOMIC ENERGY COMMISSION PROJECT 20

Account Number 46-22-60-309

1. Isabelle S. Purnell, 6298, Research Program Administrative Assistant ZN10 \$ 720
 2. Nancy E. Dahl, 5363, Clerk-Typist III..... ZN33 1 160
Total, U.S. Atomic Energy Commission Project 20..... \$ 1 880

U.S. N.O.B.S. 72069

Account Number 46-22-60-354

1. Isabelle S. Purnell, 6298, Research Program Administrative Assistant ZN10 \$ 720
 2. Dean Bailey, 5158, Senior Laboratory Mechanic..... ZN50 3 270
 3. James W. Bryant, 1475, Senior Laboratory Mechanic..... N 6 540
Total, U.S. N.O.B.S. 72069..... \$10 530

U.S. OFFICE OF NAVAL RESEARCH 2947-01X

Account Number 46-22-60-370

1. Isabelle S. Purnell, 6298, Research Program Administrative Assistant ZN10 \$ 720
 2. Nancy E. Dahl, 5363, Clerk-Typist III..... ZN34 1 160

3. William C. Stitt, 1462, Senior Laboratory Mechanic..... N	6 540
<i>Total, U.S. Office of Naval Research 2947-01X.....</i>	<i>\$ 8 420</i>

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	\$ 810
2. Merle R. Penny, 5273, Junior Laboratory Mechanic..... ZN33	1 960
<i>Total, State of Illinois Division of Highways — Creep in Structural Concrete</i>	<i>\$ 2 770</i>

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	\$ 810
2. Merle R. Penny, 5273, Junior Laboratory Mechanic..... ZN33	1 960
<i>Total, State of Illinois Division of Highways — Fatigue Failure in Concrete</i>	<i>\$ 2 770</i>

COLLEGE OF FINE AND APPLIED ARTS

Administration

Account Number 00-24-01-100

1. Gail L. Levinson, 1578, Clerk-Typist III..... N	\$ 3 120
2. Alice T. Wall, 1576, Administrative Secretary — Stenographic..... N	7 800
<i>Total, Administration</i>	<i>\$10 920</i>

Architecture

Account Number 00-24-05-100

1. Frank M. Sinclitico, 7216, Equipment Attendant..... N	\$ 4 380
2. ———, 1581, Clerk-Stenographer III..... N	3 000
3. Rosalie Williams, 1579, Secretary — Stenographic..... N	4 650
<i>Total, Architecture</i>	<i>\$12 030</i>

Art

Account Number 00-24-10-100

1. Lee E. Garrett, 6734, Equipment Attendant..... N	\$ 4 890
2. Jane W. Grayheck, 1583, Clerk-Typist II..... N	3 150
3. Helen G. Jordan, 1582, Secretary — Stenographic..... N	5 940
<i>Total, Art</i>	<i>\$13 980</i>

City Planning and Landscape Architecture

Account Number 00-24-15-100

1. Marianne Dornier, 1585, Clerk-Stenographer III..... N	\$ 3 780
<i>Total, City Planning and Landscape Architecture.....</i>	<i>\$ 3 780</i>

Bureau of Community Planning

Account Number 00-24-16-400

1. Brenda K. Eskew, 7413, Clerk-Stenographer II..... N	\$ 3 240
2. Louise Marcy, 7409, Clerk-Typist II..... N	2 850
3. Mary L. Bowald, 1594, Secretary — Stenographic..... N	4 380
<i>Total, Bureau of Community Planning.....</i>	<i>\$10 470</i>

School of Music

Account Number 00-24-25-100

1. Shirley L. Burright, 7205, Clerk-Stenographer II..... N	\$ 3 690
2. Anna M. Farish, 1590, Clerk-Stenographer II..... N	3 450
3. Mary A. Smail, 5251, Clerk-Stenographer II..... N	3 450
4. Lillian Marr, 1589, Secretary — Stenographic..... N	5 910
5. R. E. Helmericks, 1586, Instrument Supervisor..... N	9 000
6. Ralph T. McNeely, 1587, Piano Maintenance Supervisor.. N	8 400
7. G. H. Steward, 5730, Musical Instrument Technician..... N	7 200
8. Arnold Brewre, 1588, Piano Technician..... N	6 600
<i>Total, School of Music.....</i>	<i>\$47 700</i>

University of Illinois Bands

Account Number 00-24-35-100

1. John E. Cranford, 7742, Equipment Attendant.....	N	\$ 5 400
2. Rosemary A. Volkstadt, 1592, Clerk-Typist III.....	N	3 390
<i>Total, University of Illinois Bands.....</i>		<u>\$ 8 790</u>

Small Homes Council — Building Research Council

Account Number 00-24-50-300

1. Helen Y. Lybarger, 1868, Clerk-Stenographer II.....	N	\$ 3 000
2. Gwyneth B. Shaffer, 1866, Clerk-Stenographer III.....	N	3 810
3. Lila L. Shedenhelm, 1865, Clerk-Typist II.....	N	3 240
4. Mary A. Tan, 1867, Clerk-Typist II.....	N	3 180
5. Dorothy E. Wilkins, 1864, Secretary — Stenographic.....	N	6 450
<i>Total, Small Homes Council — Building Research Council.....</i>		<u>\$19 680</u>

Small Homes Council Publications Revolving

Account Number 12-24-50-466

1. Beverly J. Bruner, 1873, Clerk II.....	N	\$ 2 820
<i>Total, Small Homes Council Publications Revolving....</i>		<u>\$ 2 820</u>

Krannert Art Museum

Account Number 00-24-80-100

1. Jimmie O. Sowers, 8063, Equipment Attendant.....	N	\$ 4 500
2. Berdine E. Soenksen, 8214, Clerk-Stenographer II.....	N	3 180
<i>Total, Krannert Art Museum.....</i>		<u>\$ 7 680</u>

GRADUATE COLLEGE**Administration**

Account Number 00-26-01-100

1. Edith L. Williams, 7634, Clerk III.....	N	\$ 3 300
2. Mary E. Hott, 1479, Administrative Clerk.....	N	7 800
3. Antoinette La Voie, 1480, Administrative Clerk.....	N	7 800
4. Marcia Nock, 7151, Typing Clerk II.....	N62	1 980
5. Carolyn M. Wheeler, 6897, Clerk-Stenographer II.....	N	3 045
6. Judith R. Clark, 1481, Clerk-Stenographer III.....	N	3 660
7. Mary Ellen Guffey, 1482, Clerk-Stenographer III.....	N	3 600
8. Steffani A. Hickey, 1486, Clerk-Typist I.....	N	3 045
9. Elizabeth J. Mitchell, 7959, Clerk-Typist I.....	N	3 000
10. Edna M. Jenkins, 1484, Clerk-Typist II.....	N	3 120
11. E. Virginia Medrow, 1485, Clerk-Typist II.....	N	3 120
12. Sandra E. Sokolow, 5607, Clerk-Typist II.....	N	3 150
13. Dorothy B. Rickert, 7425, Secretary — Stenographic.....	N	6 400
<i>Total, Administration</i>		<u>\$53 020</u>

Glass Blowing Service

Account Number 09-26-01-932

1. Arthur F. Robbins, 5584, Glass Blower II.....	ZN62	\$ 5 175
(Total Salary)		(8 400)
<i>Total, Glass Blowing Service.....</i>		<u>\$ 5 175</u>

Cooperative InvestigationsU.S. NATIONAL SCIENCE FOUNDATION — GRADUATE RESEARCH —
ELECTRON MICROSCOPE LABORATORY

Account Number 46-26-01-356

1. Olive L. Stayton, 7851, Assistant Laboratory Attendant...	N86	\$ 2 880
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U.S. NATIONAL SCIENCE FOUNDATION — GRADUATE RESEARCH —
GLASS BLOWING LABORATORY

Account Number 46-26-01-357

1. Arthur F. Robbins, 5584, Glass Blower II.....	ZN38	\$ 3 225
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Special Fund

Account Number 00-26-05-300

1. Mary M. Gaddy, 7955, Clerk II.....	N	\$ 2 940
2. Deborah H. Skehen, 1489, Clerk-Typist III.....	N	3 720
<i>Total, Special Fund.....</i>		<i>\$ 6 660</i>

Digital Computer Laboratory

Account Number 00-26-15-300

1. G. W. Michael, 1494, Laboratory Program Administrative Assistant.....	N	\$ 7 650
2. Victor B. Apke, 8195, Stores Clerk.....	ZN50	1 980
(Total Salary)		(3 960)
3. Pauline W. Trnka, 6700, Clerk-Stenographer II.....	N	3 360
4. Marilyn J. Briley, 8036, Clerk-Typist II.....	N	3 060
5. John W. Oare, 1497, Draftsman.....	ZN50	2 340
(Total Salary)		(4 680)
6. Thomas E. Kerkerling, Model Maker.....	ZN50	3 690
(Total Salary)		(7 380)
7. James E. Bahls, 1499, Junior Laboratory Mechanic.....	ZN50	2 880
(Total Salary)		(5 760)
8. Lynn Kimbrough, 8031, Card Punch Operator I.....	N	2 880
9. Norma I. Saathoff, 1501, Computer Teletype Operator... N		2 880
10. Linda G. Rudman, 7745, Digital Computer Operator I.... N		4 020
11. Ramona J. Russell, 7741, Digital Computer Operator II... N		5 640
12. Helen B. Clark, 1500, Secretary — Stenographic..... N		5 430
13. Ronald A. Gustafson, 1496, Electronics Technician I.... N		3 960
14. Joseph V. Wentz, 6074, Electronics Technician II..... N		6 360
<i>Total, Digital Computer Laboratory.....</i>		<i>\$56 130</i>

Illiac Service

Account Number 09-26-15-942

1. ———, 7578, Statistical Clerk.....	N50	\$ 1 356
2. Jean E. Ellsworth, 7750, Clerk-Stenographer III.....	N	3 600
3. Merlin J. Foster, 6029, Digital Computer Operator I.....	N	5 040
4. Buen B. Smith, Jr., 5309, Digital Computer Operator I.... N		4 020
5. William L. Huffman, 5308, Digital Computer Operator II. N		6 240
6. Robert L. Miller, 7360, Electronics Technician I.....	N	4 380
7. Robert F. Coady, 8032, Electronics Technician II.....	N	5 100
8. Shirlee P. Krabbe, 6241, Electronics Technician II.....	N	5 340
9. Edmund Pelg, 7897, Electronics Technician II.....	N	5 400
10. Warren V. Richardson, 7961, Tape Equipment Technician. N		4 380
<i>Total, Illiac Service.....</i>		<i>\$44 856</i>

Cooperative Investigations

U.S. ATOMIC ENERGY COMMISSION 415

Account Number 46-26-15-303

1. Victor B. Apke, 8195, Stores Clerk.....	ZN50	\$ 1 980
2. John W. Oare, 1497, Draftsman.....	ZN50	2 340
3. James A. Rittis, 7945, Draftsman.....	N	4 440
4. Clifford E. Carter, 5959, Electronic Engineer.....	N	7 770
5. Harold E. Lopeman, 1495, Electronic Engineer.....	N	8 040
6. Thomas E. Kerkerling, Model Maker.....	ZN50	3 690
7. James E. Bahls, 1499, Junior Laboratory Mechanic.....	ZN50	2 880
8. Ralph M. Rivera, 1498, Junior Laboratory Mechanic.....	N	5 700
9. John L. Fileccia, 7589, Electronics Technician I.....	N	4 260
10. Arlyle F. Irwin, 6205, Electronics Technician I.....	N	4 860
11. Richard F. Kingsley, 7381, Electronics Technician I.....	N	4 200
12. Artie L. Reeves, 6553, Electronics Technician I.....	N	4 380
13. Frank P. Serio, 7902, Electronics Technician II.....	N	5 460
14. John D. Sullivan, 7895, Electronics Technician II.....	N	5 400
<i>Total, U.S. Atomic Energy Commission 415.....</i>		<i>\$65 400</i>

Research — Illinois Historical Survey — Pease

Account Number 01-26-25-366

1. Steven H. Moll, 1615, Clerk-Typist II.....	N50	\$ 1 410
<i>Total, Research — Illinois Historical Survey — Pease...</i>		<u>\$ 1 410</u>

Natural Areas and Uncultivated Land

Account Number 00-26-33-300

1. Charles W. Smith, 1502, Forest Custodian.....	P	\$ 4 803
<i>Total, Natural Areas and Uncultivated Land.....</i>		<u>\$ 4 803</u>

Physical Environment Unit

Account Number 00-26-35-300

1. Helen McDonnell, 1364, Clerk-Typist III.....	ZN40	\$ 1 524
(Total Salary)		(3 810)
2. Lawrence D. Siler, 7049, Environment Laboratory Operator.....	N	6 480
<i>Total, Physical Environment Unit.....</i>		<u>\$ 8 004</u>

Radiocarbon Laboratory

Account Number 00-26-40-300

1. Patricia K. Drew, 5243, Typing Clerk III.....	ZN50	\$ 1 740
(Total Salary)		(3 480)
<i>Total, Radiocarbon Laboratory.....</i>		<u>\$ 1 740</u>

Cooperative Investigations

NATIONAL VITAMIN FOUNDATION — RADIOACTIVE VITAMIN A

Account Number 44-26-40-356

1. James G. Bergan, 7834, Junior Laboratory Attendant.....	ZN50	\$ 2 040
(Total Salary)		(4 080)

U.S. PUBLIC HEALTH SERVICE E1349

Account Number 46-26-82-368

1. Keith P. Dauphin, 7448, Assistant Laboratory Attendant..	N	\$ 3 540
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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, Research Program Administrative Assistant	N50	\$ 3 750
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U.S. AIR FORCE 4940

Account Number 46-26-84-306

1. Irene R. Koch, 6480, Meteorological Aide II.....	N	\$ 4 590
2. August H. Krueger, 5552, Meteorological Aide II.....	N50	2 700
3. Don H. Summers, 7937, Electronics Technician I.....	N	4 800
<i>Total, U.S. Air Force 4940.....</i>		<u>\$12 090</u>

U.S. ARMY SIGNAL CORPS 75055

Account Number 46-26-84-312

1. Oscar H. Anderson, 6704, Meteorological Aide I.....	N	\$ 3 900
2. Dorothy A. Gurney, 6605, Meteorological Aide I.....	N	3 600
3. ———, Meteorological Aide I.....	H	3 300
4. George J. Lamich, 5921, Meteorological Aide II.....	N	4 320
5. Ruth B. Wilk, 6371, Meteorological Aide II.....	N	5 010
6. Sally Gelstein, 8171, Statistical Clerk.....	ZH50	1 566
(Total Salary)		(3 132)
7. Edna M. Anderson, 5299, Clerk-Typist II.....	N	3 600
<i>Total, U.S. Army Signal Corps 75055.....</i>		<u>\$25 296</u>

U.S. NATIONAL SCIENCE FOUNDATION G6352

Account Number 46-26-84-356

1. Ellen K. Campbell, 6933, Meteorological Aide I.....	N	\$ 3 600
2. Sally Gelstein, 6933, Statistical Clerk.....	ZH50	1 566
<i>Total, U.S. National Science Foundation G6352.....</i>		<u>\$ 5 166</u>

COLLEGE OF JOURNALISM AND COMMUNICATIONS

Administration

Account Number 00-28-01-100

1. Norma E. Carr, 1649, Chief Clerk.....	N	\$ 6 600
2. Mary M. I. Close, 7636, Clerk-Stenographer II.....	N50	1 560
3. Kathleen A. Uebel, 1652, Clerk-Stenographer II.....	N	3 240
4. Elizabeth M. Rossbach, 1650, Clerk-Stenographer III.....	N	3 600
<i>Total, Administration</i>		<u>\$15 000</u>

Institute of Communications Research

Account Number 00-28-20-300

1. Carol E. Ruehl, Clerk-Stenographer III.....	N	\$ 3 900
<i>Total, Institute of Communications Research</i>		<u>\$ 3 900</u>

Cooperative Investigations

SOCIAL HUMAN ECOLOGY MEANING SYSTEMS

Account Number 44-28-20-378

1. Freda P. Pierce, 6828, Clerk-Typist II.....	N50	\$ 1 500
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Administration

Broadcasting

Account Number 00-28-21-400

1. Faye Bachert, 1690, Secretary — Stenographic.....	ZN50	\$ 2 250
(Total Salary)		(4 500)
<i>Total, Administration</i>		<u>\$ 2 250</u>

Radio Station

Account Number 00-28-25-400

1. Thomas J. Waters, 1664, Chief Announcer.....	N50	\$ 2 700
2. Richard G. Battles, 1673, Broadcasting Program Assistant	N50	1 900
3. Richard L. Benson, 1675, Broadcasting Program Assistant	N50	1 920
4. Robert P. Crawford, 1667, Broadcasting Program Assistant.....	N50	1 920
5. Bernice I. Cross, 1666, Broadcasting Program Assistant..	N	4 200
6. R. Eleanor Grogg, 1668, Broadcasting Program Assistant	N	3 810
7. George N. Gunkle, 1674, Broadcasting Program Assistant	N50	1 920
8. Truman D. Hayes, 1674, Broadcasting Program Assistant	N50	1 920
9. Sterling S. Jones, 7995, Broadcasting Program Assistant..	N	3 840
10. Ruth E. Stillwell, 1667, Broadcasting Program Assistant..	N50	2 220
11. Sally A. Wooldridge, 1672, Broadcasting Program Assistant.....	N	3 840
12. ———, 1670, Broadcasting Program Assistant.....	N50	2 040
13. Shirley A. Gamble, 1691, Clerk-Stenographer I.....	N	2 910
14. Eva M. Benton, 1684, Broadcasting Engineer.....	P	5 430
15. Jean W. Burkhead, 7182, Broadcasting Engineer.....	H	(5 429)
16. Lloyd L. Massingill, 1682, Broadcasting Engineer.....	P	5 430
17. Gerald D. Wood, 1695, Broadcasting Engineer.....	P	5 116
18. Rob R. Beldon, 1663, Chief Broadcasting Engineer.....	ZN50	4 890
(Total Salary)		(9 780)
19. Clarence H. Berbaum, 5487, Assistant Chief Broadcasting Engineer.....	N	7 680
20. Roland P. Mascal, 6932, Radio Operator.....	P	4 176
21. W. David Smith, 1688, Radio Operator.....	P50	2 349
22. ———, 1685, Radio Operator.....	P	4 176
23. Faye Bachert, 1690, Secretary — Stenographic.....	ZN50	2 250
(Total Salary)		(4 500)
24. Kevin E. Wheeler, 1665, Production Supervisor.....	N	6 180
25. John A. Regnell, 1661, Supervisor of Educational Programs	N75	6 360
(Total Salary)		(8 290)
(Also academic)		
26. Kenneth L. Cutler, 1662, Supervisor of Music.....	N	7 770
27. Jimmie G. Turpin, 6417, Supervisor of Sports Broadcasts	N	6 000
<i>Total, Radio Station</i>		<u>\$102 967</u>

RECORDING SERVICE

Account Number 09-28-25-973

1. Edna Haney, 1681, Broadcasting Engineer.....	P	\$ 5 430
<i>Total, Recording Service.....</i>		<u>\$ 5 430</u>

NATIONAL ASSOCIATION OF EDUCATIONAL BROADCASTERS TAPE NETWORK

Account Number 44-28-25-456

1. Robert E. Underwood, Jr., 1659, NAEB Tape Network Manager.....	N	\$ 6 600
2. Jesse L. Trump, Jr., 6732, Assistant Network Production Manager.....	N	5 700
3. Doreen E. Parsons, 1660, Assistant Network Traffic Manager.....	N	3 600
4. Gabor I. Belso, 7218, Audio-Visual Aids Technician I....	N	3 420
5. Zoltan Ujhelyi, 6930, Audio-Visual Aids Technician I....	N	<u>3 900</u>
<i>Total, National Association of Educational Broadcasters Tape Network</i>		<u>\$23 220</u>

Television-Motion Pictures

Account Number 00-28-28-400

1. Richard Lee Adams, 7974, Broadcasting Program Assistant	N50	\$ 1 920
2. Olive B. Currid, 1678, Broadcasting Program Assistant...	N50	2 220
3. Ursula Maksic, 1676, Broadcasting Program Assistant....	N50	2 250
4. Harold D. Blue, 1697, Television Cameraman.....	N	5 840
5. Claire M. Teramoto, 7175, Clerk-Typist II.....	N	3 510
6. David L. Lange, 6107, Television Production Coordinator	N	(6 000)
(Paid from item 7)		
7. ———, 6107, Television Production Coordinator....	N85	6 420
8. Jack M. Crannell, 7158, Television Director-Producer....	N	7 800
9. Alvin Fiering, 1696, Television Director-Producer.....	N80	6 800
(Total Salary)		(8 500)
(Also academic)		
10. Stevan Borleff, 1683, Broadcasting Engineer.....	P	5 430
11. Larry J. Inman, 1689, Broadcasting Engineer.....	P	4 488
12. Charles W. Kelly, 6257, Broadcasting Engineer.....	P50	2 610
13. John A. Saldeen, 7134, Broadcasting Engineer.....	P	5 430
14. John Truitt, 1686, Broadcasting Engineer.....	P	5 430
15. Rob R. Beldon, 1663, Chief Broadcasting Engineer.....	ZN50	4 890
(Total Salary)		(9 780)
16. Johnny F. Wahlfeldt, 7533, Assistant Chief Broadcasting Engineer.....	N	8 220
17. Clayton A. Roehl, 6121, Television Writer-Producer....	N	<u>5 600</u>
<i>Total, Television-Motion Pictures.....</i>		<u>\$78 858</u>

COLLEGE OF LAW

Account Number 00-30-10-100

1. C. Margaret Wascher, 1642, Chief Clerk.....	N	\$ 5 220
2. Jacqueline C. Berkman, 1646, Clerk-Stenographer II....	N	3 120
3. Barbara A. Ferlicka, 1643, Clerk-Stenographer II.....	N	2 850
4. ———, Clerk-Stenographer III.....	N50	1 800
5. Judith Steenbergen, 1645, Clerk-Typist II.....	N	2 520
6. Marian H. Martin, 1641, Administrative Secretary — Stenographic.....	N	<u>7 800</u>
<i>Total, College of Law.....</i>		<u>\$23 310</u>

COLLEGE OF LIBERAL ARTS AND SCIENCES

Administration

Account Number 00-32-01-100

1. Helen I. Esworthy, Clerk III.....	N	\$ 3 990
2. Betty Brooks Smith, 5175, Chief Clerk.....	N	6 000
3. Rosanne Kolinski, 0501, Clerk-Stenographer II.....	N	3 000
4. Jean M. Glass, 0497, Clerk-Stenographer III.....	N	3 600
5. Jillian L. Hansen, 0499, Clerk-Stenographer III.....	N	<u>4 530</u>

6. Mary E. Fleming, 8084, Clerk-Typist I.....	ZH25	(450)
(Total Salary)		(900)
(Nine months)		
7. _____, 0500, Clerk-Typist II.....	N50	1 320
8. Claudine A. Hayes, 8057, Clerk-Typist III.....	N	3 300
9. Lucille N. Ellis, 0496, Administrative Secretary — Steno- graphic.....	N	7 800
Total, Administration		\$33 540

Anthropology

Account Number 00-32-07-100

1. Betty W. Starr, 8028, Secretary — Stenographic.....	N	\$ 5 310
Total, Anthropology		\$ 5 310

Astronomy

Account Number 00-32-10-100

Cooperative Investigations

U.S. OFFICE OF NAVAL RESEARCH 183422

Account Number 46-32-10-364

1. Richard F. Ripper, 1342, Chief Clerk.....	ZN27	\$ 1 715
(Total Salary)		(6 350)
2. Lyle L. Hawkey, 7522, Electronics Technician I.....	N	4 440
Total, U.S. Office of Naval Research 183422.....		\$ 6 155

Botany

Account Number 00-32-16-100

1. Natalie H. Davis, 0516, Scientific Artist.....	N	\$ 4 830
2. Helen E. Sterrett, 0519, Assistant to Curator of Herbarium	N	4 260
3. Henry W. Harris, 7112, Equipment Attendant.....	N	4 770
4. Evelyn V. Menges, 0515, Chief Clerk.....	N	5 370
5. M. Joann Mahannah, 0518, Clerk-Typist II.....	N	2 940
6. Janet K. Sweda, 0517, Clerk-Typist II.....	N	2 910
7. Walter R. Cook, 0513, Senior Laboratory Mechanic.....	N	6 570
8. Harold L. Tremaine, 6781, Nurseryman.....	N	5 640
Total, Botany		\$37 290

Graduate Research in Botany — Rabinowitch

Account Number 01-32-16-371

1. Lucie W. Clark, 1505, Typing Clerk II.....	N50	\$ 1 650
Total, Graduate Research in Botany — Rabinowitch.....		\$ 1 650

Cooperative Investigations

U.S. NATIONAL SCIENCE FOUNDATION G9117

Account Number 46-32-16-364

1. Peter E. Bloom, 7363, Nurseryman.....	ZN50	\$ 2 700
(Total Salary)		(5 400)

U.S. PUBLIC HEALTH SERVICE E3013

Account Number 46-32-16-369

1. Peter E. Bloom, 7363, Nurseryman.....	ZN50	\$ 2 700
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Chemistry and Chemical Engineering

Account Number 00-32-19-100

1. F. Thomas Gothard, Jr., 7311, Laboratory Program Ad- ministrative Assistant	N	\$ 6 210
2. Robert E. Duvall, 0540, Senior Laboratory Attendant.....	N	5 274
3. Ruth Mock, 0554, Animal Caretaker.....	N	5 100
4. Elsie M. Wilson, 0523, Administrative Clerk.....	N	7 800
5. Robert J. Edwards, 0546, Stores Clerk.....	N	4 200
6. Sharon M. Allen, 8006, Clerk-Stenographer II.....	ZN50	1 590
(Total Salary)		(3 180)
7. Betty L. Frederick, 7380, Clerk-Stenographer II.....	N	3 780
8. Charlotte B. Proemmel, 0528, Clerk-Stenographer II.....	N	4 200

9. Mary K. Roth, 7244, Clerk-Stenographer II.....	ZN50	1 740
(Total Salary)		(3 480)
10. Nancy J. Tutwiler, 0530, Clerk-Stenographer II.....	N	3 330
11. Peggy J. Walrich, 0529, Clerk-Stenographer II.....	N	3 450
12. Roberta M. Humphrey, 0533, Clerk-Stenographer III....	N	3 600
13. Joanne E. Scanlan, 0532, Clerk-Stenographer III.....	ZN90	3 600
(Total Salary)		(4 020)
14. Julia Zvilius, 0525, Clerk-Stenographer III.....	N	3 990
15. Catherine Davis, 7291, Clerk-Typist II.....	ZN50	1 500
(Total Salary)		(3 000)
16. Wandalou M. Ziegler, 0526, Clerk-Typist III.....	N	4 200
17. _____, Clerk-Typist III.....	N	3 400
18. _____, 7493, Electronic Engineer.....	G	7 000
(Ten months)		
19. Leon F. Goodyear, 0521, Glass Blower II.....	N95	7 900
(Total Salary)		(8 300)
(Also academic)		
20. Clifford R. Dammers, 7334, Departmental Business Man- ager.....	N	11 150
21. Lee Whyte, 5732, Laboratory Manager.....	N	10 500
22. Virgil F. Clements, 0542, Senior Laboratory Mechanic....	N	6 480
23. Claude B. Dunn, 0543, Senior Laboratory Mechanic.....	N	6 570
24. S. A. Phillips, 0544, Senior Laboratory Mechanic.....	N	6 540
25. A. E. Wood, 0541, Senior Laboratory Mechanic.....	N	6 750
26. Margaret N. Durham, 7688, Placement Officer.....	N	5 400
27. Hazel H. T. Inada, 0524, Secretary — Stenographic.....	N	4 200
28. Doris W. Niccum, 6539, Secretary — Stenographic.....	N	4 590
29. Elanor P. Greeson, 0527, Secretary — Transcribing.....	N	4 380
30. Leonard L. Applegate, 0549, Storekeeper.....	N	5 220
31. R. E. Brown, 0548, Storekeeper.....	N	5 220
32. Gladson Burton, 0539, Storekeeper.....	N	5 190
33. Carl S. Coad, 0538, Storekeeper.....	N	5 190
34. Edward J. Gray, 0551, Storekeeper.....	N	5 250
35. John T. Kink, 0553, Storekeeper.....	N	5 130
36. Louis L. Lafenhagen, 0550, Storekeeper.....	N	5 220
37. John A. Mullen, Jr., 0535, Storekeeper.....	N	5 040
38. M. T. Murrell, 0534, Storekeeper.....	N	5 370
39. Glenn L. Percival, 0552, Storekeeper.....	N	5 220
40. G. A. Pittman, 0537, Storekeeper.....	N	5 256
41. Charles W. Schlatter, 0547, Storekeeper.....	N	4 920
42. C. M. Scott, 0536, Storekeeper.....	N	5 370
43. Raymond E. Wilson, 6164, Storekeeper.....	N	4 920
44. Ernst R. Proemmel, 8067, Electronics Technician II.....	ZN50	3 000
(Total Salary)		(6 000)
45. Verle Walters, 7431, Instrument and Measurement Tech- nician II	N	7 200
46. _____,	N	4 140
Total, Chemistry and Chemical Engineering.....		\$235 280

Indirect Costs — Chemistry and Chemical Engineering

Account Number 40-32-19-300

1. Walter W. Demlow, 1272, Senior Laboratory Mechanic...	ZN50	\$ 3 383
(Total Salary)		(6 765)

Cooperative Investigations

A. P. SLOAN FOUNDATION, INC. — ORGANIC CHEMISTRY — ADAMS

Account Number 44-32-19-380

1. Mary K. Roth, 7244, Clerk-Stenographer II.....	ZN50	\$ 1 740
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U.S. AIR FORCE 5486

Account Number 46-32-19-306

1. Catherine Davis, 7291, Clerk-Typist II.....	ZN50	\$ 1 500
2. Patricia R. Rieger, 0832, Clerk-Typist III.....	N	3 600

Total, U.S. Air Force 5486..... \$ 5 100

U.S. ARMY QUARTERMASTER I262

Account Number 46-32-19-318

1. Mary C. Hanson, 0711, Secretary — Stenographic.....	ZN19	\$ 1 100
(Total Salary)		(5 790)

U.S. NATIONAL SCIENCE FOUNDATION G8735

Account Number 46-32-19-348

1. Robert E. Buffington, 7655, Scientific Analyst.....	N	\$ 5 400
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U.S. NATIONAL SCIENCE FOUNDATION G5906

Account Number 46-32-19-353

1. Mary C. Hanson, 0711, Secretary — Stenographic.....	ZN81	\$ 4 690
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U.S. OFFICE OF NAVAL RESEARCH I83413

Account Number 46-32-19-364

1. Ernst R. Proemmel, 8067, Electronics Technician II.....	ZN50	\$ 3 000
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U.S. PUBLIC HEALTH SERVICE A562

Account Number 46-32-19-377

1. Joanne E. Scanlan, 0532, Clerk-Stenographer III.....	ZN10	\$ 420
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U.S. PUBLIC HEALTH SERVICE E1683

Account Number 46-32-19-384

1. Jo Ann K. Boyer, 7667, Junior Laboratory Attendant.....	N	\$ 4 200
2. Marion Lanyon, 6959, Clerk-Stenographer III.....	N	3 900
Total, U.S. Public Health Service E1683.....		\$ 8 100

Classics

Account Number 00-32-22-100

1. Lorraine B. Gray, 0835, Clerk-Typist III.....	N50	\$ 1 590
Total, Classics		\$ 1 590

English

Account Number 00-32-25-100

1. Mary K. Peer, 0837, Administrative Clerk.....	N	\$ 7 800
2. Donna J. Kerr, 7496, Clerk-Typist II.....	N	2 910
3. Nina L. Logan, 0840, Clerk-Typist II.....	N	3 420
4. Wanda L. Millet, 6168, Clerk-Typist II.....	H	(3 132)
5. Wanda K. Revell, 0839, Clerk-Typist II.....	N	3 210
6. Marguerite R. Fisher, 0838, Secretary — Stenographic....	N	5 310
Total, English		\$22 650

Entomology

Account Number 00-32-28-100

1. Lorraine Robe, 0842, Clerk-Stenographer III.....	N	\$ 4 140
Total, Entomology		\$ 4 140

French

Account Number 00-32-31-100

1. Martha M. Fisher, 0843, Clerk-Stenographer III.....	N	\$ 4 560
2. Mary E. Fleming, 8084, Clerk-Typist I.....	ZH25	(450)
(Total Salary)		(900)
(Nine months)		
Total, French		\$ 4 560

Division of General Studies

Account Number 00-32-37-100

1. Elizabeth W. Schultz, 0836, Secretary — Stenographic....	N	\$ 5 520
Total, Division of General Studies.....		\$ 5 520

Geography

Account Number 00-32-43-100

1. Dorothy D. Coslet, 7708, Clerk-Stenographer I.....	H50	\$(1 462)
2. James A. Bier, 7194, Cartographic Draftsman.....	ZN87	5 760
(Total Salary)		(6 600)
3. Gladys Hollingshead, 0844, Secretary — Stenographic....	N	5 940
Total, Geography		\$11 700

Cooperative InvestigationsSTATE DEPARTMENT OF REGISTRATION AND EDUCATION —
ILLINOIS RESOURCES ATLAS

Account Number 47-32-43-372

1. James A. Bier, 7194, Cartographic Draftsman..... ZN13 \$ 840

Geology

Account Number 00-32-46-100

1. Mary A. Babcock, 0846, Clerk-Typist II.....	N	\$ 3 150
2. Ruby D. Hart, 0847, Clerk-Typist III.....	N	3 900
3. Rosa M. Nickell, 0845, Secretary — Stenographic.....	N	6 600

<i>Total, Geology</i>		<u>\$13 650</u>
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German

Account Number 00-32-49-100

1. Herta V. Murrell, 0848, Clerk-Stenographer III..... N \$ 3 630

<i>Total, German</i>		<u>\$ 3 630</u>
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History

Account Number 00-32-52-100

1. Ruth H. Lewis, 0849, Secretary — Stenographic..... N \$ 5 460

<i>Total, History</i>		<u>\$ 5 460</u>
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School of Life Sciences

Account Number 00-32-53-100

1. Dorothy M. Smith, 6511, Assistant to Museum Curator...	N60	\$ 2 790
2. Florence A. Tromater, 0900, Clerk-Stenographer II.....	N50	1 560
3. Roy J. Charles, 0503, Senior Laboratory Mechanic.....	N	6 480
4. Alexander S. Wilson, 0502, Senior Laboratory Mechanic.....	N	6 600
5. Harry C. Henriksen, 6792, Museum Preparator.....	N	5 850
6. E. Kathleen Seeds, 0507, Secretary — Stenographic.....	N	4 440

<i>Total, School of Life Sciences</i>		<u>\$27 720</u>
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Drafting Service

Account Number 09-32-53-917

1. Charles H. Beiger, Jr., 7330, Technical Draftsman-Illustrator I N \$ 4 590

<i>Total, Drafting Service</i>		<u>\$ 4 590</u>
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Mathematics

Account Number 00-32-54-100

1. Lucretia M. Levy, 6642, Assistant to Editor.....	N50	\$ 3 600
2. Patricia C. Melka, 7346, Clerk-Stenographer I.....	N	3 210
3. Carolyn J. Bloemker, 0851, Clerk-Typist II.....	N	3 420
4. Dorothea F. Will, 0850, Secretary — Stenographic.....	N	4 500

<i>Total, Mathematics</i>		<u>\$14 730</u>
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Cooperative Investigations

U.S. NATIONAL SCIENCE FOUNDATION G6512

Account Number 46-32-54-160

1. Marjorie M. Beasley, 8141, Clerk-Stenographer III..... N \$ 4 200

Microbiology

Account Number 00-32-55-100

1. William H. Morse, Assistant Laboratory Attendant.....	N	\$ 3 240
2. Leonora C. Updike, 5000, Assistant Laboratory Attendant.....	N	3 600
3. Lela B. McElwee, 0510, Junior Laboratory Attendant.....	N	4 260
4. Norman L. Miller, 0505, Junior Laboratory Attendant.....	N	4 260
5. John L. Buckner, 0506, Senior Laboratory Attendant.....	N	5 400
6. Rose A. Neumann, 0511, Clerk-Stenographer III.....	ZN75	3 180
(Total Salary)		(4 260)
7. Astrid H. Hall, 0509, Clerk-Typist III.....	N	3 270
8. Camilla L. Krueger, 0508, Clerk-Typist III.....	N	3 180

9. _____, 0507, Secretary — Stenographic.....	N	4 200
10. Owen G. Gilbert, 7935, Stock Culture Technician.....	N	4 500
<i>Total, Microbiology</i>		<u>\$39 090</u>

Cooperative Investigations**AMERICAN CANCER SOCIETY E59B**

Account Number 44-32-55-305

1. Hazel I. Ragle, 6524, Assistant Laboratory Attendant.....	N	\$ 3 420
2. Effie G. Bailey, 0512, Junior Laboratory Attendant.....	N	4 080
<i>Total, American Cancer Society E59B</i>		<u>\$ 7 500</u>

U.S. OFFICE OF NAVAL RESEARCH 183424

Account Number 46-32-55-364

1. Robert L. Jones, 6557, Assistant Laboratory Attendant...	N	\$ 3 420
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U.S. OFFICE OF NAVAL RESEARCH 183430

Account Number 46-32-55-366

1. Frances E. Engle, 7723, Senior Laboratory Attendant.....	N	\$ 4 800
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U.S. PUBLIC HEALTH SERVICE C1094

Account Number 46-32-55-368

1. Rose A. Neumann, 0511, Clerk-Stenographer III.....	ZN25	\$ 1 080
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Philosophy

Account Number 00-32-57-100

1. Betty M. Moore, 0852, Clerk-Stenographer III.....	N	\$ 3 720
2. Jean A. Albrecht, 7983, Clerk-Typist II.....	H50	(1 305)
<i>Total, Philosophy</i>		<u>\$ 3 720</u>

Physiology

Account Number 00-32-60-100

1. Frances D. Robbins, 8087, Scientific Analyst.....	N	\$ 4 860
2. Stella Montgomery, 5514, Foods Laboratory Assistant....	N	3 600
3. Olen Mackey, 0855, Animal Caretaker.....	N	5 230
4. Mary J. Arndt, 7840, Clerk-Stenographer I.....	N	(3 390)
5. Edythe Davis, 0856, Clerk-Typist III.....	N	3 870
6. _____, 0854, Secretary — Stenographic.....	N	4 380
7. Russell J. Gillogly, 0853, Storekeeper.....	N	5 290
<i>Total, Physiology</i>		<u>\$27 230</u>

Political Science

Account Number 00-32-63-100

1. Carolyn J. Higgs, 0857, Clerk-Stenographer III.....	N	\$ 3 900
<i>Total, Political Science</i>		<u>\$ 3 900</u>

Psychology

Account Number 00-32-66-100

1. Judith C. Pirtle, 7050, Personnel Assistant II.....	N	\$ 3 960
2. Ulysses G. Mullen, 0864, Assistant Laboratory Attendant..	N50	1 815
3. Dorlis J. Kirchner, 7098, Chief Clerk.....	N	4 860
4. Joan G. Fenstermaker, 0860, Clerk-Stenographer III.....	N	3 780
5. Elaine M. Johnson, 0862, Clerk-Typist II.....	N	3 000
6. Maureen T. Brown, 0866, Clerk-Typist III.....	N	3 660
7. Mary P. Innes, 7527, Clerk-Typist III.....	N	3 540
8. _____, 0863, Clerk-Typist III.....	N50	1 500
9. Merle Ridgley, 1492, Instrument Maker.....	N	7 620
<i>Total, Psychology</i>		<u>\$33 735</u>

Indirect Costs — Psychology

Account Number 40-32-66-300

1. _____, Clerk-Stenographer III.....	N	\$ 3 300
2. Roberta K. Garner, 7453, Clerk-Typist III.....	ZN25	870
(Total Salary)		(3 480)
<i>Total, Indirect Costs — Psychology</i>		<u>\$ 4 170</u>

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	2 190
(Total Salary)		(4 380)
<i>Total, U.S. Air Force 5705.....</i>		<i>\$ 6 350</i>

U.S. AIR FORCE 5965**Account Number 46-32-66-309**

1. Anna M. Gissing, 0868, Clerk-Stenographer III.....	N50	\$ 2 010
2. Margie L. Keele, 7637, Clerk-Typist II.....	ZN50	1 650
(Total Salary)		(3 630)
<i>Total, U.S. Air Force 5965.....</i>		<i>\$ 3 660</i>

U.S. NAVAL TRAINING CENTER N61339297**Account Number 46-32-66-358**

1. Albert H. Bowman, 5953, Model Maker.....	ZN50	\$ 4 160
2. Genevieve C. Baker, 0873, Secretary — Transcribing.....	ZN50	2 190
3. Rudolf A. Frasca, 6408, Flight Simulation Maintenance and Design Specialist.....	N25	1 830
<i>Total, U.S. Naval Training Center N61339297.....</i>		<i>\$ 8 180</i>

U.S. OFFICE OF EDUCATION SAE 8383**Account Number 46-32-66-361**

1. Anne M. Grossman, 8007, Clerk II.....	N	\$ 2 640
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U.S. PUBLIC HEALTH SERVICE M1206**Account Number 46-32-66-365**

1. Phyllis L. Steward, 5682, Clerk-Typist II.....	N	\$ 3 300
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U.S. PUBLIC HEALTH SERVICE M1041R2**Account Number 46-32-66-366**

1. Kathryn L. Hansen, 7652, Clerk II.....	N	\$ 3 180
2. Roberta K. Garner, 7453, Clerk-Typist III.....	ZN75	2 610
<i>Total, U.S. Public Health Service M1041R2.....</i>		<i>\$ 5 790</i>

U.S. PUBLIC HEALTH SERVICE M1774**Account Number 46-32-66-367**

1. Carol A. Watts, 7736, Clerk-Stenographer III.....	N	\$ 3 690
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U.S. PUBLIC HEALTH SERVICE M1733**Account Number 46-32-66-371**

1. Richard L. Miller, 7474, Statistical Clerk.....	N50	\$ 1 800
2. —————, 6495, Clerk-Typist I.....	N50	1 200
<i>Total, U.S. Public Health Service M1733.....</i>		<i>\$ 3 000</i>

U.S. PUBLIC HEALTH SERVICE M3002**Account Number 46-32-66-377**

1. Margo Tuite, 6452, Clerk-Typist II.....	N	\$ 3 300
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STATE DEPARTMENT OF PUBLIC WELFARE — MOTIVATION CONFLICT**Account Number 47-32-66-311**

1. Marilyn L. Smith, 8183, Typing Clerk I.....	N	\$ 2 400
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Russian**Account Number 00-32-68-100**

1. Pauline M. Apperson, 8013, Clerk-Typist III.....	N	\$ 3 750
<i>Total, Russian</i>		<i>\$ 3 750</i>

Sociology**Account Number 00-32-69-100**

1. Carol A. Wiggins, 0883, Clerk-Typist II.....	G	\$ 2 325
(Nine months)		
2. Elma L. Castor, 0882, Secretary — Stenographic.....	N	6 600
<i>Total, Sociology</i>		<i>\$ 8 925</i>

Cooperative Investigations**FORD FOUNDATION — RECIDIVISM**

Account Number 44-32-69-329

1. Janice K. Darnell, 7475, Clerk-Typist III..... N \$ 3 930

STATE OF ILLINOIS DIVISION OF HIGHWAYS —**SOCIAL FACTORS IN TRAFFIC**

Account Number 47-32-69-378

1. Betty L. McGregor, 8144, Clerk-Typist II..... N50 \$ 1 620

Spanish and Italian

Account Number 00-32-72-100

1. Mary E. Valdes, 0885, Clerk-Stenographer III..... N \$ 3 960

2. _____, Clerk-Stenographer III..... G50 1 125

(Nine months)

Total, Spanish and Italian..... \$ 5 085**Speech**

Account Number 00-32-75-100

1. Ella R. Newcomb, 0889, Clerk-Stenographer II..... N \$ 2 940

2. Robin H. Sheely, 5205, Clerk-Stenographer II..... N 3 000

3. Shirley J. Davidson, 0888, Clerk-Stenographer III..... N 3 420

4. B. June Tinsley, 0887, Clerk-Stenographer III..... N 3 300

5. Carolyn O. Welch, 0890, Clerk-Stenographer III..... N 3 480

6. Marion D. Gilbert, 0891, Clerk-Typist II..... N 2 940

7. Katherine A. Mullen, 0886, Secretary — Stenographic... N 6 600

8. Jack L. Bradbery, 4904, Electronics Technician I..... H 3 900

9. Frank D'Ascenzo, 1491, Electronics Technician I..... N75 3 600

10. David O. Lord, 1491, Electronics Technician I..... H25 2 000

Total, Speech..... \$31 280**Speech Revolving**

Account Number 12-32-75-170

1. _____, 5205, Clerk-Stenographer II..... N \$ 3 060

Total, Speech Revolving..... \$ 3 060**Zoology**

Account Number 00-32-79-100

1. Alice A. Boatright, 0899, Scientific Artist..... G \$ 4 500

(Ten months)

2. F. B. Norton, 0895, Assistant Laboratory Attendant..... N75 2 267

3. Mary A. Mergelkamp, 0898, Clerk-Stenographer II..... N 3 210

4. Ruth W. Bruckner, 0894, Clerk-Stenographer III..... N 4 530

5. Carmella T. Cannon, 0896, Clerk-Typist II..... N 2 700

6. August Kosowski, 0897, Senior Laboratory Mechanic..... N 6 540

7. Janice M. Bristow, 0893, Secretary — Stenographic... N 4 860

8. Robert W. Hinton, 0892, Storekeeper..... N 5 250

Total, Zoology..... \$33 857**Cooperative Investigations****U.S. NATIONAL SCIENCE FOUNDATION G8878**

Account Number 46-32-79-364

1. Barbara C. Lindquist, 8052, Scientific Analyst..... N \$ 4 800

U.S. PUBLIC HEALTH SERVICE H2775

Account Number 46-32-79-367

1. Kristina Hedengren, 7656, Scientific Analyst..... N \$ 3 900

COLLEGE OF PHYSICAL EDUCATION**Administration**

Account Number 00-36-01-100

1. Marcia A. Crosby, 8008, Clerk-Stenographer I..... G50 \$ 1 200

(Nine months)

2. Leona Alexander, 1595, Administrative Secretary — Steno-
graphic..... N 6 180*Total, Administration.....* \$ 7 380

Health and Safety Education**Account Number 00-36-05-100**

1. _____, Clerk-Stenographer I.....	G50	\$ 900
(Nine months)		
2. Nancy M. Logan, 1604, Clerk-Stenographer II.....	N	3 090
<i>Total, Health and Safety Education.....</i>		<i>\$ 3 990</i>

Physical Education for Men**Account Number 00-36-10-100**

1. Woodrow W. Brookey, 1600, Men's Locker Room Attendant.....	N	\$ 5 400
2. Donald Eason, 1598, Men's Locker Room Attendant.....	N	5 370
3. Charles H. Givens, 1596, Men's Locker Room Attendant..	N	4 800
4. Bird W. Trembly, 1606, Clerk-Stenographer II.....	N	4 080
5. _____, Clerk-Stenographer II.....	G50	900
(Nine months)		
6. Linda L. Vandervort, 7512, Clerk-Typist II.....	N	2 880
7. Elva Vogel, 5513, Clerk-Typist II.....	G63	1 830
(Nine months)		
8. Ann S. Currie, 1602, Secretary — Stenographic.....	N	4 560
9. Bernice E. Sullivan, 1603, Secretary — Stenographic.....	N	4 710
10. Mary Lee Jewett, 1605, Statistician I.....	N50	2 100
11. _____, 1605, Statistician I.....	N50	1 650
12. Mary P. Frey, 6098, Medical Technologist II.....	N	4 740
<i>Total, Physical Education for Men.....</i>		<i>\$43 020</i>

Physical Education for Women**Account Number 00-36-20-100**

1. Mary A. Iles, 1613, Women's Locker Room Attendant....	H	\$ 3 045
2. Opal Moyer, 1614, Women's Locker Room Attendant....	H	3 060
3. Bede C. Pickett, 1612, Women's Locker Room Attendant..	H	3 145
4. Mada Beauchamp, 7178, Clerk-Typist I.....	G50	1 125
(Nine months)		
5. _____, Clerk-Typist I.....	G50	900
(Nine months)		
6. Sally M. Bailey, 1611, Clerk-Typist II.....	N	2 580
7. _____, Clerk-Typist II.....	N	2 400
8. Margaret E. Hartrick, 1610, Secretary — Transcribing....	N	4 590
<i>Total, Physical Education for Women.....</i>		<i>\$20 845</i>

Recreation**Account Number 00-36-25-100**

1. Patricia C. Hallerud, 1607, Clerk-Stenographer II.....	N	\$ 3 180
2. Margaret A. Murphy, 1608, Secretary — Stenographic....	N	4 200
<i>Total, Recreation</i>		<i>\$ 7 380</i>

Student Rehabilitation Center**Account Number 00-36-30-100**

1. Janet C. Paulik, 6515, Clerk-Typist II.....	N	\$ 2 880
2. Marietta J. Kirkwood, 1609, Clerk-Typist III.....	N	4 290
3. Fay F. Fergusson, Jr., Supervisor of Rehabilitation Equipment and Supplies.....	N	5 490
<i>Total, Student Rehabilitation Center.....</i>		<i>\$12 660</i>

Cooperative Investigations**NATIONAL SOCIETY FOR CRIPPLED CHILDREN AND ADULTS — BUILDING SPECIFICATIONS****Account Number 44-36-30-355**

1. Gail M. Orlopp, 8142, Clerk-Typist II.....	N67	\$ 1 800
2. Ronald A. Stein, 8157, Architectural Draftsman I.....	N50	2 400
<i>Total, National Society for Crippled Children and Adults — Building Specifications</i>		<i>\$ 4 200</i>

DIVISION OF UNIVERSITY EXTENSION

Administration

Account Number 00-40-01-400

1. C. D. McMurry, 1780, Chief Clerk.....	N	\$ 5 910
2. Kathryn J. Collins, 7387, Typing Clerk II.....	N	2 820
3. Phyllis I. Edwards, 1783, Clerk-Stenographer III.....	N	4 200
4. John N. Headlee, 1784, Duplicating Machine Operator I..	N	2 550
5. Robert J. Silver, 1781, Duplicating Machine Operator III	N	4 800
6. Marjorie F. Lewis, 1782, Secretary — Stenographic.....	N	4 980
<i>Total, Administration</i>		<u>\$25 260</u>

Correspondence Courses

Account Number 00-40-10-100

1. Sharon L. Johnson, 1799, Clerk-Stenographer III.....	N	\$ 3 810
2. Jean L. Melvin, 1806, Clerk-Typist I.....	N	2 430
3. Sharon E. Wirth, 1804, Clerk-Typist I.....	N	2 520
4. Nada C. McCartney, 1802, Clerk-Typist II.....	N	2 670
5. Elsie M. Campbell, 1800, Clerk-Typist III.....	N	3 240
6. Carlene R. May, 1801, Clerk-Typist III.....	N	3 240
<i>Total, Correspondence Courses.....</i>		<u>\$17 910</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	\$ 3 060
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Conference Programs

Account Number 00-40-20-400

1. Louise W. Munson, 1770, Chief Clerk.....	ZN80	\$ 3 510
(Total Salary)		(4 380)
2. Eugene H. Schroth, 5302, Assistant Director of Allerton House.....	N	7 170
(Perquisites University — room and board)		
<i>Total, Conference Programs.....</i>		<u>\$10 680</u>

Short Courses and Conferences Revolving

Account Number 12-40-20-470

1. Max M. Paris, 1793, Commercial Artist II.....	N	\$ 6 630
2. Jo Anne Erickson, 6825, Clerk-Stenographer III.....	N	3 390
<i>Total, Short Courses and Conferences Revolving.....</i>		<u>\$10 020</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. Hildred F. Pirtle, 3108, Kitchen Helper.....	H	2 636
9. Mary H. Brooks, 3113, Housekeeper.....	H	3 646
10. Jessie Lyons, 4909, Housekeeper.....	H	3 646
11. Leland Gale, 1775, Houseman.....	N	3 720
12. Melvin L. Imel, 1772, Kitchen Laborer.....	H	3 239
13. Dean J. Berry, 6603, Building Mechanic.....	N	5 160
14. Monroe L. Robinson, 6604, Building Mechanic.....	N	5 160
<i>Total, Auxiliary — Allerton House Operation.....</i>		<u>\$48 250</u>

Police Training Institute**Account Number 00-40-22-400**

1. Betty D. Holzinger, 7128, Clerk-Stenographer II.....	N	\$ 2 880
<i>Total, Police Training Institute.....</i>		<u>\$ 2 880</u>

Extramural Classes**Account Number 00-40-30-400**

1. Eleanor M. Sovereign, 1786, Chief Clerk.....	N	\$ 4 500
2. Vivian E. Sprau, 1787, Clerk-Stenographer II.....	N	3 060
3. Dorothy J. Dewhirst, 3119, Clerk-Stenographer III.....	N	3 600
4. Betty A. Sereno, 1788, Clerk-Stenographer III.....	N	3 420
5. Kathleen A. Stillwell, 1785, Clerk-Stenographer III.....	N	3 570
<i>Total, Extramural Classes.....</i>		<u>\$18 150</u>

Field Staff**Account Number 00-40-40-400**

1. Marilyn J. Veselak, 8145, Clerk-Stenographer II.....	N40	\$ 1 890
2. Lillian D. Asselmeier, 7129, Clerk-Typist II.....	N50	1 710
3. Wilma B. Leefers, 7127, Clerk-Typist II.....	N50	1 800
<i>Total, Field Staff.....</i>		<u>\$ 5 400</u>

Music Extension**Account Number 00-40-50-400**

1. Robert L. Schaefer, 5578, Music Extension Autographer..	N	\$ 7 200
2. Marilyn L. Spitze, 1790, Clerk-Stenographer III.....	N	3 750
3. Suzanne A. Benson, 7275, Clerk-Typist I.....	N	2 610
<i>Total, Music Extension.....</i>		<u>\$13 560</u>

Audio-Visual Aids**Account Number 00-40-60-400**

1. Merle B. Mooney, 1792, Clerk-Stenographer III.....	N	\$ 3 960
<i>Total, Audio-Visual Aids.....</i>		<u>\$ 3 960</u>

Graphic Arts Revolving**Account Number 12-40-60-470**

1. Mary M. Lee, 1796, Clerk III.....	N	\$ 3 660
2. Robert F. Adams, 7495, Chief Clerk.....	N	4 680
3. Florence Nesler, 6258, Typing Clerk II.....	N	3 300
4. Mercedes Swisher, 1798, Typing Clerk II.....	N	2 850
5. Nina B. Martin, 5521, Clerk-Typist I.....	N	2 520
6. Susan M. Tabor, 5529, Clerk-Typist I.....	N	2 730
7. Dorothy J. Willfong, 7483, Clerk-Typist I.....	N	2 580
8. Mary F. Holmstrand, 1797, Clerk-Typist II.....	N	3 030
9. Hildreth K. Johnson, 6171, Clerk-Typist II.....	N	3 210
10. Charles V. Craft, 6622, Audio-Visual Aids Technician I..	N	3 000
11. Virgil R. Martin, 5602, Audio-Visual Aids Technician I..	N	3 240
12. Charles D. Plotner, 6621, Audio-Visual Aids Technician I	N	3 240
13. Paul V. Trinkle, 6623, Audio-Visual Aids Technician I..	N	3 360
14. ———, 6619, Audio-Visual Aids Technician I.....	N	2 880
15. ———, 5598, Audio-Visual Aids Technician I.....	N	2 880
16. ———, 7221, Audio-Visual Aids Technician I.....	N	3 120
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, Graphic Arts Revolving.....</i>		<u>\$62 160</u>

COLLEGE OF VETERINARY MEDICINE**Administration****Account Number 00-44-01-100**

1. Raymond T. Hamilton, 1626, Scientific Laboratory Technical Assistant	N	\$ 6 600
2. Jack V. Washburn, 1627, Scientific Laboratory Technical Assistant.....	N	6 600
3. Kathryn B. Humphrey, 1634, Assistant Laboratory Attendant.....	N	3 600

4. Mary V. Rasner, 1635, Assistant Laboratory Attendant....	N	3 630
5. Anna S. Ray, 1633, Junior Laboratory Attendant.....	N	4 320
6. Alfred C. Hunt, 1638, Senior Laboratory Attendant.....	N	5 040
7. Mona B. Jervis, 1629, Senior Laboratory Attendant.....	N	5 040
8. William R. Manuel, 1631, Senior Laboratory Attendant...	N	5 190
9. Rachel Marlowe, 1628, Senior Laboratory Attendant.....	N	5 340
10. Robert B. Curry, 6669, Animal Caretaker.....	N	5 100
11. James Huber Davis, 1639, Animal Caretaker.....	N	5 100
12. Paul Reynolds, 1637, Animal Caretaker.....	N	5 230
13. Stanley E. Vaughn, 1630, Animal Caretaker.....	N	5 040
14. Don W. Wack, 5445, Animal Caretaker.....	N	5 100
15. Albert E. Wolfe, 1636, Animal Caretaker.....	N	5 100
16. Doris M. Richards, 1622, Typing Clerk III.....	ZN88	3 650
(Total Salary)		(4 200)
17. Barbara K. McCoy, 5113, Clerk-Stenographer I.....	N	3 000
18. Janet S. Manning, 1625, Clerk-Stenographer II.....	N	3 060
19. Gloria A. Matthews, 1623, Clerk-Stenographer II.....	N	3 240
20. Carol V. Retel, 1621, Clerk-Stenographer II.....	N	3 180
21. Carolyn S. Seets, Clerk-Stenographer II.....	ZN50	1 710
(Total Salary)		(3 420)
22. Beverly A. Seward, 1619, Clerk-Stenographer II.....	N	2 940
23. Ada K. Price, 8188, Clerk-Typist II.....	N	(2 940)
24. Helen V. Olson, 6940, Junior Illustrator.....	ZN50	2 100
(Total Salary)		(3 150)
25. Marion Corzine, 1618, Secretary — Stenographic.....	N	5 800
26. Blanche H. Hamilton, 1617, Secretary — Stenographic....	N	6 360
27. Carrie McGreevy, 1616, Administrative Secretary — Steno- graphic.....	N	7 800
Total, Administration		\$118 870

Cooperative Investigations

U.S. PUBLIC HEALTH SERVICE E2084

Account Number 46-44-01-366

1. Doris M. Richards, 1622, Typing Clerk III.....	ZN12	\$ 550
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Veterinary Clinical Medicine**Veterinary Clinic Revolving**

Account Number 12-44-20-270

1. Sue A. Sadler, 6733, Clerk-Stenographer II.....	N	\$ 3 540
2. Rosaleen M. Knapp, 1620, Clerk-Typist II.....	N	3 600
3. Dorothy R. Severson, 1624, Clerk-Typist II.....	N	3 000
Total, Veterinary Clinic Revolving.....		\$10 140

Veterinary Pathology and Hygiene**Cooperative Investigations**

U.S. PUBLIC HEALTH SERVICE E2141

Account Number 46-44-30-365

1. R. W. Anderson, 0921, Senior Laboratory Attendant.....	ZN25	\$ 1 200
(Total Salary)		(4 800)

U.S. PUBLIC HEALTH SERVICE 2G239

Account Number 46-44-30-367

1. Carolyn S. Seets, 7993, Clerk-Stenographer II.....	ZN50	\$ 1 710
2. Helen V. Olson, 6940, Junior Illustrator.....	ZN25	1 050
Total, U.S. Public Health Service 2G239.....		\$ 2 760

U.S. PUBLIC HEALTH SERVICE E3315

Account Number 46-44-30-369

1. John H. Nix, 8115, Assistant Laboratory Attendant.....	N	\$ 3 330
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ARMED FORCES**Air Force Science**

Account Number 00-50-10-100

1. M. Loraine Royce, 5052, Clerk-Stenographer II.....	N	\$ 3 660
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2. Gloria E. Roberts, 7208, Clerk-Typist I.....	N	3 000
3. Betty L. Kuykendall, 1818, Clerk-Typist II.....	N	2 910
<i>Total, Air Force Science.....</i>		<u>\$ 9 570</u>

Military Science and Tactics

Account Number 00-50-30-100		
1. Linda D. Burrress, 1812, Clerk-Stenographer II.....	N	\$ 2 820
2. Barbara J. Powell, 1811, Clerk-Stenographer II.....	N	3 120
3. Marilyn A. Dyer, 1808, Clerk-Typist II.....	N	3 180
<i>Total, Military Science and Tactics.....</i>		<u>\$ 9 120</u>

Naval Science

Account Number 00-50-40-100		
1. Joan I. Haynes, 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	\$ 7 000
(Perquisites University — house)		
2. Glenna Griffith, 1841, Clerk III.....	N	4 020
3. Joan E. Reynolds, 7414, Clerk III.....	ZN50	1 770
(Total Salary)		(3 540)
4. Linda J. Johnson, 1844, Clerk-Stenographer II.....	N	3 210
5. Mary O. Jordan, 1842, Clerk-Stenographer III.....	N	4 410
6. Ruth L. Fiscus, 1843, Clerk-Typist II.....	N	3 480
7. ———, 7457, Clerk-Typist II.....	N50	1 500
8. Forrest L. Lancaster, 1819, Aircraft Maintenance Engineer N		11 650
9. F. B. Schaber, 1820, Aircraft Shop Foreman.....	N	8 970
10. Anderson B. Clark, 3125, Laborer.....	P	(5 638)
11. Paul J. Eckstein, 3126, Laborer.....	P	(5 325)
12. Elmer J. Kleiss, 3124, Laborer.....	P	(5 638)
13. Orville C. Pittman, 3127, Laborer.....	P	(5 325)
14. Alvin F. Schaefer, 3129, Laborer.....	P	(5 638)
15. Chester C. Summers, 3130, Laborer.....	P	(5 325)
16. Marion F. Thomas, 3131, Laborer.....	P	(5 325)
17. Russell J. Yeazel, 3132, Laborer.....	P	(5 325)
18. Joe L. Collins, 1838, Lineman.....	N	5 160
19. Donald E. Ditzler, 1835, Lineman.....	N	4 320
20. Robert E. Fryer, 1836, Lineman.....	N	5 160
21. Joseph L. Miller, 1832, Lineman.....	N	5 400
22. Harry T. Demeris, 1833, Chief Lineman.....	N	5 980
23. Floyd W. Bowerman, 1825, Master Aircraft and Aircraft Engine Mechanic	N	7 080
24. John T. Pringle, 1826, Master Aircraft and Aircraft Engine Mechanic	N	7 080
25. Robert L. Deshazo, 1831, Junior Aircraft Maintenance Mechanic.....	N	6 000
26. Raymond E. Anderson, 1828, Senior Aircraft Maintenance Mechanic.....	N	6 630
27. Milton C. Bates, 1822, Master Airport Mechanic.....	N	7 230
28. Wayne Mandrell, 1823, Master Airport Mechanic.....	N	7 170
29. Leonard R. Rexroad, 1824, Master Airport Mechanic.....	N	6 900
30. William W. Brooks, 1827, Master Aircraft Instrument Repairman.....	N	7 020
31. Gertrude C. Becker, 1839, Administrative Secretary — Stenographic.....	N	7 800
32. C. E. Horn, 1840, Storekeeper.....	N	5 520
<i>Total, Intsitute of Aviation.....</i>		<u>\$140 460</u>

Airport Revolving

Account Number 12-52-10-270		
1. Joan E. Reynolds, 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. Dickie D. Schwabe, 1830, Aircraft Maintenance Mechanic Helper.....	N	3 180
6. Darwin D. Zachay, 1829, Junior Aircraft Maintenance Mechanic.....	N	6 000
7. Gordon J. Willenbring, 6673, Master Aircraft Radio Repairman.....	N	5 820
<i>Total, Airport Revolving.....</i>		<u>\$16 770</u>

INSTITUTE OF GOVERNMENT AND PUBLIC AFFAIRS

Account Number 00-56-10-300

1. Edna M. Bosco, 3133, Clerk-Typist II.....	N	\$ 3 000
2. Jean A. May, 5115, Clerk-Typist II.....	N50	1 500
3. Doris E. Falk, 1847, Secretary — Stenographic.....	N	5 010
<i>Total, Institute of Government and Public Affairs.....</i>		<u>\$ 9 510</u>

Public Affairs Revolving

Account Number 12-56-10-370

1. Helene S. Henry, 8215, Clerk-Stenographer III.....	N	\$ 3 900
<i>Total, Public Affairs Revolving.....</i>		<u>\$ 3 900</u>

INSTITUTE OF LABOR AND INDUSTRIAL RELATIONS

Account Number 00-60-10-300

1. Barbara G. Burman, 1850, Editorial Assistant.....	N50	\$ 1 860
2. Maxine Haworth, 1852, Administrative Clerk.....	N	7 260
3. Sandra L. Rockhold, 1861, Clerk-Stenographer II.....	N	3 360
4. Sandra Suchomel, 1857, Clerk-Stenographer II.....	N	3 240
5. Judith F. Miller, 1856, Clerk-Stenographer III.....	N	3 420
6. Beverly Jean Creek, 1863, Clerk-Typist I.....	N	2 490
7. Mary J. Duitsman, 1862, Clerk-Typist II.....	N	2 520
8. Jo Ann Block, 1859, Clerk-Typist III.....	N	3 600
9. Beverly L. Brockway, 1860, Clerk-Typist III.....	N	3 180
10. Anice J. Duncan, 1855, Clerk-Typist III.....	N	4 200
11. Mary L. Murray, 1853, Secretary — Stenographic.....	N	5 640
<i>Total, Institute of Labor and Industrial Relations.....</i>		<u>\$40 770</u>

SCHOOL OF SOCIAL WORK

Account Number 00-68-10-100

1. Annette F. Merson, 5268, Clerk-Stenographer III.....	N	\$ 3 690
2. Linda L. Swanik, 1878, Clerk-Stenographer III.....	N	3 720
3. ———, 7617, Clerk-Stenographer III.....	ZN50	1 800
(Total Salary)		(3 600)
4. Julia B. Maszota, 5371, Secretary — Stenographic.....	N	4 620
5. Jo Schmalhausen, 1877, Administrative Secretary — Stenographic.....	N	7 800
<i>Total, School of Social Work.....</i>		<u>\$21 630</u>

Cooperative Investigations

U.S. PUBLIC HEALTH SERVICE 2M6344

Account Number 46-68-10-166

1. ———, 7617, Clerk-Stenographer III.....	ZN50	\$ 1 800
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U.S. PUBLIC HEALTH SERVICE 2M6552

Account Number 46-68-10-365

1. Ruby Collins, 7712, Clerk-Typist III.....	N	\$ 3 840
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DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

Account Number 00-70-10-100

1. Beverly A. Bailey, 1882, Clerk-Stenographer II.....	N	\$ 3 090
<i>Total, Division of Special Services for War Veterans..</i>		<u>\$ 3 090</u>

SUMMER SESSION**Administration****Account Number 00-72-01-100**

1. Harriett B. Teeple, 1777, Secretary — Stenographic.....	ZN50	\$ 3 300
(Total Salary)		(6 600)
<i>Total, Administration</i>		\$ 3 300

UNIVERSITY PRESS**Account Number 00-78-10-400**

1. Janet A. Binkley, 5540, Editorial Assistant.....	N	\$ 4 560
2. Jane C. Papageorgis, 1702, Editorial Assistant.....	N	4 080
3. Elizabeth G. Dulany, 7798, Assistant to Editor.....	N	5 100
4. Rachel E. Edwards, 1704, Clerk III.....	N	3 870
5. Ida Klorfine, 1706, Typing Clerk II.....	N	2 880
6. Elsie C. Anderson, 1705, Clerk-Typist II.....	ZN50	1 440
(Total Salary)		(2 880)
7. Vivian M. Sadewater, 5091, Clerk-Typist III.....	N	3 930
8. Lois I. Buescher, 1703, Secretary — Stenographic.....	N	4 500
<i>Total, University Press</i>		\$30 360

Art Service**Account Number 09-78-10-902**

1. Charles T. Flora, 6409, Commercial Artist I.....	N75	\$ 3 900
2. Osmond S. Guy, 7379, Commercial Artist I.....	N	4 080
3. Sara Jo Tideman, 3099, Commercial Artist I (Trainee) ..	N	3 300
4. ———, 1728, Commercial Artist I.....	N	5 400
5. Raymond L. Slanker, 1730, Commercial Artist II.....	N	5 900
6. Judith C. Gossett, 1732, Assistant to Art Editor.....	N	3 360
7. F. Wade Harris, 5788, Assistant to Art Editor.....	N	7 000
<i>Total, Art Service</i>		\$32 940

Mailing Service**Account Number 09-78-10-952**

1. Ross E. Anderson, 7747, Distribution Clerk.....	N	\$ 3 840
2. Russell D. Burdette, 6898, Distribution Clerk.....	N	3 240
3. G. Bernice Griffet, 1726, Typing Clerk II.....	N	2 520
4. Marjorie R. McKinney, 5255, Typing Clerk II.....	N	2 820
5. R. K. Lumsden, 1718, Mailing Service Foreman.....	N	6 270
6. Barbara S. Earl, 1722, Office Appliance Operator I.....	N	2 280
7. Madge E. Roberts, 1723, Office Appliance Operator I.....	H	2 363
8. Mary F. Smith, 1725, Office Appliance Operator I.....	N	2 340
9. Bonnie M. Wood, 3098, Office Appliance Operator I.....	N	2 340
10. ———, 1724, Office Appliance Operator I.....	N	2 220
11. Norman E. Lasater, 7372, Storekeeper.....	N	4 800
<i>Total, Mailing Service</i>		\$35 033

Print Shop**Account Number 09-78-10-968**

1. Henderikus Noorman, 3064, Accountant I.....	H	\$ 6 200
2. Myrtle Dorsett, 7014, Bookbindery Assistant.....	P	3 038
3. Dale Green, 3076, Bookbindery Assistant.....	P	4 844
4. Richard A. Mattlin, 3073, Bookbindery Assistant.....	P	3 549
5. ———, 5301, Bookbindery Assistant.....	P	2 297
6. Leona S. Eckersley, 1709, Senior Printing Assistant.....	P	6 275
7. Lillian A. Slavens, 1715, Clerk III.....	H	4 200
8. Malcolm G. Davis, 3078, Compositor.....	P	6 275
9. John A. Fiscus, 3082, Compositor (Apprentice).....	P	5 220
10. Carl G. Kibler, 5097, Compositor (Apprentice).....	P	3 234
11. Wayne Phelps, 5491, Compositor.....	P	6 275
12. James L. Ragle, 4906, Compositor.....	P	6 275
13. Robert W. Thomas, 3079, Compositor.....	P	6 275
14. ———, 3081, Compositor.....	P	4 698

15. —————, 3080, Compositor.....	P	5 752
16. Stephanie Sadagursky, 3066, Copyholder.....	P	2 923
17. Ralph R. Franklin, 3067, Bookbindery Foreman.....	P	7 004
18. James S. Wendell, 3096, Cylinder Pressroom Foreman....	P	7 004
19. Seaward H. Dalton, 3086, Job Pressroom Foreman.....	P	7 475
20. John C. Opolka, 3095, Photo Offset Foreman.....	P	7 004
21. Robert A. Black, 3092, Linotype Operator.....	P	6 890
22. George Cloyd, 3090, Linotype Operator.....	P	6 618
23. C. R. Mallory, 3093, Linotype Operator.....	P	6 890
24. Carl G. Muesing, 3091, Linotype Operator.....	P	6 275
25. Glenn W. Schmidt, 3094, Monotype Combination Operator	P	6 890
26. Armand D. Boucher, 3084, Cylinder Pressman.....	P	6 275
27. John D. Dorsett, 3140, Cylinder Pressman (Apprentice) ..	P	5 011
28. William W. Hire, 3085, Cylinder Pressman.....	P	6 275
29. Chester Hunt, 5383, Cylinder Pressman.....	P	6 275
30. —————, 3087, Cylinder Pressman.....	P	6 118
31. Charles D. Ellis, 1677, Senior Combination Offset Press- man, Camerman, and Plate Maker.....	P	6 275
32. Fred H. Marshky, 3097, Senior Combination Offset Press- man, Camerman, and Plate Maker.....	P	6 275
33. —————, 6645, Senior Combination Offset Pressman, Camerman, and Plate Maker (Apprentice).....	P	3 092
34. Barbara Richards, 1712, Junior Proofreader.....	P	3 967
35. Alice Stowe, 5339, Junior Proofreader.....	P	3 769
36. —————, 1714, Junior Proofreader.....	P	3 675
37. Lorolive S. Delk, 1710, Senior Proofreader.....	P	6 097
38. R. C. Dalbey, 1707, Assistant Superintendent of Print Shop	P	8 560
39. Billie C. Gilfillan, 3072, Bookbindery Worker.....	P	5 966
40. Dean W. Graves, 3070, Bookbindery Worker.....	P	6 368
41. Kathryn Graves, 3071, Bookbindery Worker.....	P	3 142
42. Helen Rock, 3075, Bookbindery Worker.....	P	3 466
43. —————, 3069, Bookbindery Worker.....	P	2 850
<i>Total, Print Shop.....</i>		<i>\$232 836</i>

University Press Revolving

Account Number 12-78-10-470

1. Elsie C. Anderson, 1705, Clerk-Typist II.....	ZN50	\$ 1 440
<i>Total, University Press Revolving.....</i>		<i>\$ 1 440</i>

INTERNATIONAL COOPERATION PROGRAMS

Account Number 45-79-10-440

U.S. International Cooperation Administration C1220

Account Number 46-79-10-434

1. Shirley R. Lovenguth, 6332, Clerk-Stenographer III.....	ZN33	\$ 1 400
(Total Salary)		(4 200)
2. Helen E. Mathis, Clerk-Typist I.....	ZN33	760
(Total Salary)		(2 280)
<i>Total, U.S. International Cooperation Administration</i> <i>C1220.....</i>		<i>\$ 2 160</i>

U.S. International Cooperation Administration C1258

Account Number 46-79-10-435

1. Shirley R. Lovenguth, 6332, Clerk-Stenographer III.....	ZN33	\$ 1 400
2. Helen E. Mathis, Clerk-Typist I.....	ZN33	760
<i>Total, U.S. International Cooperation Administration</i> <i>C1258.....</i>		<i>\$ 2 160</i>

U.S. — India North Central Region

Account Number 46-79-10-444

1. Mary M. Miller, 6779, Clerk-Stenographer II.....	N88	\$ 2 862
2. Shirley R. Lovenguth, 6332, Clerk-Stenographer III.....	ZN34	1 400

3. Helen E. Mathis, Clerk-Typist I.....	ZN ₃₄	760
4. Martha L. Jones, 7957, Clerk-Typist III.....	ZN ₅₀	1 740
(Total Salary)		(3 480)
Total, U.S.—India North Central Region.....		\$ 6 762

LIBRARY AND GRADUATE SCHOOL OF LIBRARY SCIENCE

Graduate School of Library Science

Account Number 00-80-05-100

1. Betty L. Black, 1657, Clerk-Stenographer III.....	N	\$ 3 600
2. Dorothy A. McLendon, 1654, Clerk-Typist II.....	N	2 700
3. Bernice B. Montgomery, 1656, Clerk-Typist II.....	N	2 850
4. Helen I. Knights, 1653, Secretary—Stenographic.....	N	6 600
Total, Graduate School of Library Science.....		\$15 750

Library Trends Revolving

Account Number 12-80-05-146

1. Janet C. Phillips, 5127, Editorial Assistant.....	N	\$ 4 800
Total, Library Trends Revolving.....		\$ 4 800

Administration

Library

Account Number 00-80-10-500

1. Winfred J. Rasmussen, 1891, Clerk I.....	N	\$ 2 910
2. Allen Rivers, Jr., 6671, Distribution Clerk.....	N	4 200
3. Rita A. Becker, 1889, Clerk-Typist III.....	N	3 300
4. Margaret E. Vreuls, 1888, Clerk-Typist III.....	N	3 300
5. Clarabelle Gunning, 1887, Secretary—Stenographic.....	N	6 600
6. Charles K. Gifford, 1886, Storekeeper.....	N	5 370
Total, Administration		\$25 680

MICROFILM REVOLVING

Account Number 12-80-10-552

1. Mardelle J. Austin, 1938, Photographic Technician I.....	N	\$ 3 060
Total, Microfilm Revolving.....		\$ 3 060

Acquisition Department

Account Number 00-80-20-500

1. E. Ruth Lashley, 1902, Clerk II.....	N	\$ 3 210
2. Laverne M. Dillon, 8075, Accounting Clerk I.....	N	3 330
3. Pauline McDaniel, 6465, Accounting Clerk II.....	N	4 050
4. Merle B. Ferris, 6130, Library Clerk II.....	N	2 820
5. Betty A. Gard, 1898, Library Clerk II.....	N ₅₀	1 425
6. Tinsie E. Ponder, 1906, Library Clerk II.....	N	3 150
7. Evelyn A. Smith, 1895, Library Clerk II.....	N	3 030
8. Mary J. Camp, 6423, Library Clerk III.....	N	3 420
9. Nancy J. Samuelson, 5503, Library Clerk III.....	N	3 240
10. Ellen Smith, 1894, Library Clerk III.....	N	3 900
11. Tiitu Pessa, 1903, Chief Library Clerk.....	N	4 170
12. Violet L. Wilkey, 1892, Chief Library Clerk.....	N	4 800
13. Martha Pechous, 1901, Clerk-Typist II.....	N	3 240
14. Frankie G. Roland, 7868, Clerk-Typist II.....	N	2 700
15. Bernice K. Skinner, 5374, Clerk-Typist II.....	N	2 700
16. Leslie W. Dunning, 1937, Photographer I.....	N	4 800
Total, Acquisition Department.....		\$54 075

Catalog Department

Account Number 00-80-30-500

1. Eugenia D. Boone, 1926, Library Clerk II.....	N	\$ 2 730
2. Bernice L. Brightwell, 5463, Library Clerk II.....	N ₅₀	1 635
3. Patricia K. Dunn, 7125, Library Clerk II.....	N	2 700
4. Sonia J. Greer, 1911, Library Clerk II.....	N	2 700

5. Joyce A. Hazen, 1924, Library Clerk II.....	N	2 700
6. Velma W. Jordan, 1927, Library Clerk II.....	N	2 760
7. Linda R. Jurkovich, 1921, Library Clerk II.....	N	2 700
8. Mary E. Schwengel, 1912, Library Clerk II.....	N	2 760
9. Kathy G. Butzow, 1917, Library Clerk III.....	N	3 120
10. Lucile R. Carter, 1918, Library Clerk III.....	N	3 780
11. Highland Wiseman, 1919, Library Clerk III.....	N	3 540
12. Harriet L. Mason, 5377, Chief Library Clerk.....	N	4 560
13. Shirley K. Perry, 1915, Chief Library Clerk.....	N	5 130
14. Mary A. Leinert, 1935, Typing Clerk II.....	N	2 700
15. Janice E. Finney, 1932, Clerk-Typist II.....	N	2 850
16. Frances E. Jeffers, 5320, Clerk-Typist II.....	N	2 880
17. Ida E. Jones, 1931, Clerk-Typist II.....	N	2 700
18. Judith C. Stout, 1930, Clerk-Typist II.....	N	2 700
19. ———, 1934, Clerk-Typist II.....	N	2 880
20. Eula Clanton, 1929, Clerk-Typist III.....	N	3 750
21. Edna D. Duce, 7918, Clerk-Typist III.....	N	3 300
22. Brent Roberson, 7361, Duplicating Machine Operator I... N		2 820
23. Harold V. Bridgewater, 6083, Duplicating Machine Oper- ator III	N	4 200
<i>Total, Catalog Department.....</i>		<i>\$71 655</i>

Circulation Department

Account Number 00-80-40-500

1. Janice A. Blaze, 1943, Library Clerk II.....	N	\$ 2 820
2. Anne C. T. Bray, 1946, Library Clerk II.....	N	2 700
3. Kathleen L. Doubleday, 1942, Library Clerk II.....	N50	1 500
4. Janet E. Gant, 1949, Library Clerk II.....	N50	1 350
5. Emily F. Hays, 1908, Library Clerk II.....	N	2 820
6. John J. McCauley, 1945, Library Clerk II.....	N50	1 350
7. Betty A. Pierce, 5324, Library Clerk II.....	N75	2 025
8. Ann S. Scoggins, 1944, Library Clerk II.....	N75	2 025
9. Walter H. Slack, 5245, Library Clerk II.....	N75	2 025
10. Joyce E. Tompkins, 1947, Library Clerk II.....	N	3 150
11. Patricia M. Hougas, 5241, Library Clerk III.....	N	3 570
12. Harriet C. Ryan, 1948, Chief Library Clerk.....	N	5 280
13. Lucy T. Hamada, 6798, Clerk-Typist II.....	N	3 090
14. Patricia J. Saiter, 6785, Clerk-Typist II.....	N	2 940
<i>Total, Circulation Department.....</i>		<i>\$36 645</i>

Departmental Libraries

Account Number 00-80-50-500

1. Barbara A. Arloff, 1952, Library Clerk II.....	N	\$ 2 700
2. Elizabeth K. Baker, 6770, Library Clerk II.....	N	2 700
3. Nancy B. Bier, 6764, Library Clerk II.....	N50	1 680
4. Era M. Blakney, 1959, Library Clerk II.....	N	2 820
5. Judith H. Boles, 1972, Library Clerk II.....	N	2 700
6. Mary H. Brown, 1957, Library Clerk II.....	N	2 730
7. Ellen K. Bryant, 7197, Library Clerk II.....	N	3 000
8. Betty C. Colquhoun, 7929, Library Clerk II.....	N	2 700
9. Helen C. Dybvig, 6422, Library Clerk II.....	N	3 000
10. Iris M. Frillman, 1964, Library Clerk II.....	N	2 700
11. Sharon S. Gear, 1954, Library Clerk II.....	N50	1 380
12. Barbara A. Gibson, 3054, Library Clerk II.....	N	2 700
13. Margaret H. Heiser, 1953, Library Clerk II.....	N	2 700
14. Elaine R. Hill, 1962, Library Clerk II.....	N50	1 650
15. Efrosini John, 1961, Library Clerk II.....	N	2 880
16. Bonnie F. Johns, 3135, Library Clerk II.....	N	2 850
17. Ruth G. Lindahl, 1963, Library Clerk II.....	N	2 850
18. Edith L. McMillan, 1966, Library Clerk II.....	N	2 700
19. Dorothy N. Peters, 1960, Library Clerk II.....	N	3 240

20. Jeannette P. Reinvald, 1969, Library Clerk II.....	N	2 850
21. Rosemary A. Rowe, 5375, Library Clerk II.....	N	3 030
22. Helen J. Shierry, 1958, Library Clerk II.....	N	3 240
23. Marjorie C. Stevenson, 1956, Library Clerk II.....	N	2 970
24. Julius C. Thornton, 5300, Library Clerk II.....	N	2 940
25. Dianne Walker, 1950, Library Clerk II.....	N	2 910
26. Naomi Wilson, 1965, Library Clerk II.....	N	2 730
27. Grace M. Yeatter, 1955, Library Clerk II.....	N	3 630
28. ———, Library Clerk II.....	N	2 700
29. Nancy L. Jenne, 1968, Chief Library Clerk.....	N	4 800
30. Carole B. Bettinger, 6454, Clerk-Typist II.....	N	2 820
31. Linda L. Kuhn, 6288, Clerk-Typist II.....	N	2 700
32. ———, Clerk-Typist II.....	N50	1 350
<i>Total, Departmental Libraries.....</i>		<i>\$88 350</i>

Reference Department

Account Number 00-80-60-500

1. Nancy I. Shalla, 6195, Library Clerk II.....	N	\$ 2 880
2. Eva B. Folkestad, 1967, Typing Clerk II.....	N	2 730
<i>Total, Reference Department.....</i>		<i>\$ 5 610</i>

Serials Department

Account Number 00-80-35-500

1. Betty J. Albert, 1899, Library Clerk II.....	N	\$ 3 150
2. Ilse E. Barnes, 1909, Library Clerk II.....	N	2 880
3. Evelyn M. Coleman, 1928, Library Clerk II.....	N	3 060
4. Doris H. Freeman, 6254, Library Clerk II.....	N	3 000
5. Naomi R. Friedlander, 1914, Library Clerk II.....	N	2 730
6. Hanako L. Kuniyoshi, 1896, Library Clerk II.....	N	2 700
7. Lee M. Langlois, 1925, Library Clerk II.....	N	2 700
8. Janet L. Shaver, 1913, Library Clerk II.....	N	2 730
9. Dora C. Y. Shen, 1916, Library Clerk II.....	N	2 820
10. Barbara A. Bergan, 1905, Library Clerk II.....	N	3 240
11. Thelma Berry, 1922, Library Clerk III.....	N	3 510
12. Mae E. Beshers, 1910, Library Clerk III.....	N	3 900
13. Carolyn Jane Gammon, 5857, Library Clerk III.....	N	3 240
14. Marcia L. Jetton, 8054, Library Clerk III.....	N	3 210
15. Nina F. Mansfield, 1920, Library Clerk III.....	N	3 660
16. Winifred L. Meece, 1897, Library Clerk III.....	N	3 780
17. Ruth J. Williams, 7901, Library Clerk III.....	N	3 210
18. Margaret E. Lyons, 5644, Chief Library Clerk.....	N	5 160
<i>Total, Serials Department.....</i>		<i>\$58 680</i>

PHYSICAL PLANT**Administration**

Account Number 00-82-01-600

1. Ivan N. Anderson, 1983, Accountant I.....	N	\$ 5 730
2. Clyde B. Roberts, 1981, Accountant III.....	N	8 760
3. E. S. Sefcik, 7097, Assistant to Director of Physical Plant	N	10 750
4. L. G. Hernecheck, 1980, Assistant to Superintendent of Buildings and Grounds.....	N	12 600
5. S. Alice Deck, 1978, Clerk II.....	N	3 300
6. Edna S. McBride, 1991, Clerk II.....	N	2 910
7. ———, 1990, Clerk II.....	N	2 670
8. Agnes Burke, 1986, Clerk III.....	N	4 200
9. Thelma Graf, 1976, Clerk III.....	N	4 200
10. Beverly J. Brownfield, 1987, Chief Clerk.....	N	5 400
11. Kathryn G. Pfister, 8060, Payroll Clerk I.....	N	3 030
12. Mabel M. Cordes, 6591, Payroll Clerk II.....	N	3 480
13. Edith J. McBride, 1985, Payroll Clerk III.....	N	5 910
14. Nancy K. Gordon, 1995, Clerk-Stenographer II.....	N	3 360
15. Patricia Ann Walsh, 1979, Clerk-Stenographer II.....	N	3 180
16. ———, 2081, Clerk-Stenographer II.....	N	3 000

17. Carol S. Bailey, 5519, Clerk-Stenographer III.....	N	3 900
18. Viola K. Williams, 1993, Clerk-Typist II.....	N	3 420
19. Carolyn I. Bates, 2090, Bookkeeping Machine Operator I	N	2 700
20. Darlene A. Dodd, 1989, Bookkeeping Machine Operator II	N	3 240
21. Mary A. Mason, 1988, Secretary — Stenographic.....	N	5 580
22. Eileen Wilske, 1974, Secretary — Stenographic.....	N	6 300
<i>Total, Administration</i>		\$107 620

Stores — Physical Plant Overhead

Account Number 08-82-01-967

1. Catherine L. Bensyl, 2008, Clerk II.....	N	\$ 2 880
2. Nancy S. Bailey, 2009, Clerk III.....	N	3 360
3. Kathleen Foltz, 2010, Clerk III.....	N	4 200
4. James C. Fisher, 2006, Chief Clerk.....	N	5 700
5. Martha R. Lansky, 5131, Clerk-Typist II.....	N	3 480
6. ———, 2000, Material Expediter.....	N	6 660
7. M. W. Dillman, 2002, Storekeeper.....	N	5 400
8. W. Erwin Hanson, 2004, Storekeeper.....	N	5 400
9. Marvin L. Risinger, 2005, Storekeeper.....	N	4 800
10. Daniel Robinson, 2003, Storekeeper.....	N	4 800
11. Clifford E. Waller, 2007, Storekeeper.....	N	5 370
12. Don Lee Wolf, 5141, Storekeeper.....	N	5 250
13. F. T. Helbling, 2001, Stores Supervisor.....	N	6 600
<i>Total, Stores — Physical Plant Overhead</i>		\$63 900

Architectural Overhead

Account Number 09-82-01-902

1. Stanley J. Rankin, 6952, Accountant I.....	H	\$ 5 600
2. A. S. Davis, 2057, Associate Architect.....	H	11 820
3. H. Summerfield Day, 7791, Associate Architect.....	H	11 220
4. Robert B. Little, 2062, Associate Architect.....	H	11 670
5. Ben W. Maxwell, 6951, Associate Architect.....	H	12 310
6. C. Hardy Oliver, 6425, Associate Architect.....	H	12 310
7. W. H. Stermer, 2060, Associate Architect.....	H	13 530
8. Raymond G. Johnson, 6949, Senior Architect.....	H	8 600
9. Richard W. Baker, 6937, Accounting Clerk I.....	H	3 720
10. Joyce E. Clark, 2085, Typing Clerk II.....	H	2 880
11. Beverly J. Walter, 7692, Typing Clerk II.....	H	3 300
12. Joan A. Luttrell, 6822, Clerk-Stenographer II.....	H	2 880
13. Carolyn J. Troyer, 2080, Clerk-Stenographer II.....	H	3 060
14. Lavella M. Wrisk, 7501, Clerk-Stenographer II.....	H	3 060
15. ———, 1975, Clerk-Stenographer III.....	H	3 720
16. Norman W. Reinbold, 2072, Draftsman.....	H50	1 965
17. Jerome D. Sager, 2067, Draftsman.....	H	4 420
18. George J. Trautmann, 3157, Draftsman.....	H	4 110
19. Gary F. Hodson, 2077, Architectural Draftsman I.....	H50	2 805
20. Raymond E. Lindahl, 2079, Architectural Draftsman I... H		6 000
21. ———, 3158, Architectural Draftsman I.....	H50	2 281
22. ———, 2078, Architectural Draftsman I.....	H	4 680
23. ———, 2074, Architectural Draftsman I.....	H	4 554
24. S. A. Dahlstrom, 2063, Architectural Draftsman II.....	H	9 600
25. Charles Farina, 2069, Architectural Draftsman II.....	H	8 610
26. Geneva P. Fleming, 2071, Architectural Draftsman II... H		7 710
27. ———, 2064, Architectural Draftsman II.....	H	7 950
28. ———, 2065, Architectural Draftsman II.....	H	7 860
29. J. A. Curtis, 2061, Chief Architectural Draftsman.....	H	11 100
30. Ralph Henneman, Jr., 7767, Architectural Electrical En- gineer	H	10 440
31. Darrell E. Ward, 2058, Architectural Mechanical Engineer	H	11 540
32. ———, 2066, Architectural Mechanical Engineer... H		11 040
33. Charles L. Sands, 7698, Architectural Refrigeration and Air Conditioning Engineer.....	H	12 180
34. Robert M. Buchanan, 2068, Architectural Superintendent	H	9 630

35. Richard R. Gifford, 7080, Architectural Superintendent..	H	8 700
36. Elbert L. McDaniel, 6559, Architectural Superintendent..	H	8 580
37. J. G. Schelter, 7328, Architectural Superintendent.....	H	8 670
<i>Total, Architectural Overhead.....</i>		<u>\$274 105</u>

Campus Planning and Development Revolving

Account Number 09-82-01-910

1. Richard M. Selleg, 8222, Landscape Architect.....	H	\$ 7 200
2. Barbara Hartnack, 8097, Clerk-Stenographer III.....	H	3 900
3. Edwin E. Atwood, Site Planner.....	H	10 000
<i>Total, Campus Planning and Development Revolving...</i>		<u>\$21 100</u>

Physical Plant Labor

Account Number 09-82-01-945

1. John C. Ambrose, 5510, Accountant II.....	H	\$ 6 660
2. Gilbert D. Schleef, 6390, Space Analyst I.....	H	4 500
3. Don B. Winterbottom, 6391, Space Analyst II.....	H	6 600
4. Dwight E. Slavens, 1996, Clerk III.....	H	4 200
5. Richard D. Mahannah, 1999, Accounting Clerk I.....	H	3 600
6. Charles F. Leffler, 8225, Accounting Clerk I.....	H	3 600
7. Janette H. Durr, 8219, Clerk-Stenographer III.....	H	3 420
<i>Total, Physical Plant Labor.....</i>		<u>\$32 580</u>

Building Operation

Account Number 00-82-05-600

1. Paul W. Cruikshank, 2012, Assistant to Superintendent of Operations	N	\$ 9 600
2. Jack T. Harroun, 6813, Assistant to Superintendent of Operations	N	8 730
3. _____, Public Functions Supervisor.....	N	6 600
<i>Total, Building Operation.....</i>		<u>\$24 930</u>

Fire Prevention and Safety

Account Number 00-82-10-600

1. Herbert L. White, 2014, Superintendent of Sanitation and Safety	ZN67	\$ 8 400
(Total Salary)		(12 600)
<i>Total, Fire Prevention and Safety.....</i>		<u>\$ 8 400</u>

Police and Watchmen

Account Number 00-82-15-600

1. Joseph E. Blaze, 0484, Security and Traffic Supervisor... (Total Salary)	ZN50	\$ 5 265
2. _____,	N	(10 530)
<i>Total, Police and Watchmen.....</i>		<u>8 000</u>
		<u>\$13 265</u>

Building Maintenance

Account Number 00-82-20-600

1. Ramon F. Vogel, 2018, Structural Engineer.....	N	\$12 600
2. Edward A. Cousins, 5806, Building Inspector.....	N	8 310
3. George L. Purcell, 2019, Building Inspector.....	N	8 400
4. E. L. Kemp, 2017, Superintendent of Building Maintenance.....	N	14 370
<i>Total, Building Maintenance.....</i>		<u>\$43 680</u>

General Maintenance

Account Number 00-82-25-600

1. Helen M. Eisenhour, 2033, Routing Dispatcher II.....	N	\$ 3 450
2. Joyce E. Gower, 2032, Routing Dispatcher II.....	N	2 880
3. Cora L. James, 2030, Routing Dispatcher III.....	N	5 340
4. H. I. Haugaard, 2027, Routing Supervisor.....	N	6 120
<i>Total, General Maintenance.....</i>		<u>\$17 790</u>

Labor — General Maintenance

Account Number 09-82-25-945

1. Donald S. Parry, 2045, Electrical Engineer.....	H	\$ 9 900
2. K. W. Smith, 2041, Mechanical Engineer.....	H	11 460
3. L. E. Douglass, 2021, Project Engineer.....	H	10 890
4. Frank A. Parks, 2022, Project Engineer.....	H	10 200
<i>Total, Labor — General Maintenance.....</i>		<u>\$42 450</u>

Grounds

Account Number 00-82-30-600

1. John Curtis Gabbard, 2011, Superintendent of Operations ZN33	\$ 4 490
(Total Salary)	(13 470)
<i>Total, Grounds</i>	<u>\$ 4 490</u>

Labor — Grounds

Account Number 09-82-30-945

1. ———, 2036, Operations Engineer.....	ZH50	\$ 4 800
(Total Salary)		(9 600)
2. Dorothea Williamson, 2089, Landscape Gardener.....	H	5 880
3. Ervin C. Bundy, 8126, Horticulturist.....	H	6 960
<i>Total, Labor — Grounds</i>		<u>\$17 640</u>

Transportation

Account Number 00-82-35-600

1. John Curtis Gabbard, 2011, Superintendent of Operations ZN33	\$ 4 490
(Total Salary)	(13 470)
<i>Total, Transportation</i>	<u>\$ 4 490</u>

Labor — Transportation

Account Number 09-82-35-945

1. ———, 2036, Operations Engineer.....	ZH50	\$ 4 800
(Total Salary)		(9 600)
<i>Total, Labor — Transportation</i>		<u>\$ 4 800</u>

Car Pool Service

Account Number 09-82-35-912

1. O. L. Fairchild, 6240, Fleet Dispatcher.....	N	\$ 8 400
2. John Curtis Gabbard, 2011, Superintendent of Operations ZN34		4 490
<i>Total, Car Pool Service.....</i>		<u>\$12 890</u>

Heat, Light, and Power

Account Number 00-82-40-600

1. Harley E. Lowery, 2048, Operations Clerk.....	N	\$ 5 250
2. Karen L. Bradley, 2031, Clerk-Stenographer II.....	N	3 120
3. Clifford H. Dixon, 5987, Assistant Instrument and Efficiency Engineer	N	7 020
4. James E. Van Reenen, 2044, Assistant Instrument and Efficiency Engineer	N	5 700
5. Theodore A. Bradbury, 2042, Power Plant Mechanical Engineer.....	N	11 460
6. Gordon V. Carlson, 2039, Superintendent of Utilities....	N	14 370
<i>Total, Heat, Light, and Power.....</i>		<u>\$46 920</u>

Labor — Heat, Light, and Power

Account Number 09-82-40-945

1. C. C. Andrew, 2023, Architectural Draftsman II.....	H	\$ 9 120
2. ———, 2029, Engineering Draftsman I.....	H	5 850
3. Louis G. Lariviere, 7942, Engineering Draftsman II.....	H	7 680
4. N. W. Nester, 2020, Civil Engineer.....	H	9 840
5. W. W. Hinshaw, 2040, Electrical Engineer.....	H	12 600
6. B. W. Anderson, 2043, Assistant Electrical Engineer....	H	9 960
7. John D. Maguire, 7864, Assistant Electrical Engineer...	H	9 270

8. George P. Porter, 2046, Mechanical Engineer.....	H	10 080
9. Milton L. Steiner, 2047, Junior Mechanical Engineer.....	H	7 920
10. Leo A. Corby, 2042, Estimator.....	H	9 780
<i>Total, Labor — Heat, Light, and Power.....</i>		<u>\$92 100</u>

Water Station

Account Number 00-82-45-600

1. Barbara R. Kabakoff, 2051, Clerk-Stenographer II.....	N	\$ 2 820
2. Herbert L. White, 2014, Superintendent of Sanitation and Safety	ZN33	4 200
(Total Salary)		<u>(12 600)</u>
<i>Total, Water Station.....</i>		<u>\$ 7 020</u>

Reservations and Information

Account Number 00-82-66-600

1. C. E. Wertz, 2683, Assistant to Director of Illini Union..	ZN25	\$ 1 905
(Total Salary)		(7 620)
2. Annette J. Thackeray, 2704, Typing Clerk II.....	N	3 090
3. Francis W. McCullough, 2684, Supervisor of Information N		5 850
<i>Total, Reservations and Information.....</i>		<u>\$10 845</u>

Telephone Service

Account Number 09-82-69-083

1. Lois E. Overmyer, 2710, Clerk III.....	N	\$ 4 200
2. Sandra J. Jimenez, 7820, Card Punch Operator I.....	N	2 790
<i>Total, Telephone Service.....</i>		<u>\$ 6 990</u>

Architectural Studies for Future Buildings

Account Number 06-82-70-005

1. Nancy L. Cone, 7320, Clerk-Stenographer II.....	ZN15	\$ 495
(Total Salary)		(3 300)
2. Wayne I. Trowbridge, Traffic Control and Measurement Technician	ZN50	2 550
(Total Salary)		<u>(5 100)</u>
<i>Total, Architectural Studies for Future Buildings.....</i>		<u>\$ 3 045</u>

Auxiliary Enterprises**Residence Halls Administration**

Account Number 18-82-80-700

1. Alice S. Hurt, 6161, Assistant to Director of Illini Union N		\$ 7 740
2. Nelle A. Bireline, 2840, Assistant to Manager of Residence Halls	N	6 600
(Perquisites University — room and board)		
3. Ronald F. Morrill, 7867, Cashier II.....	ZN	4 320
4. Rochelle I. Farrey, 2837, Clerk II.....	N	3 060
5. C. Pearl Johnson, 2832, Clerk II.....	N	2 940
6. Carolyn S. Yoos, 2833, Clerk II.....	N	2 760
7. ———, 2836, Clerk II.....	N	2 760
8. ———, 2838, Clerk II.....	N	2 940
9. ———, 2835, Clerk II.....	N	2 760
10. Mark F. Howell, 2868, Clerk III.....	N	4 200
11. Florence L. Kidder, 2834, Clerk III.....	N	3 810
12. Harryette Mansfield, 5539, Clerk III.....	N	3 660
13. M. Althea Stockwell, 2830, Clerk III.....	N	3 900
14. Wanda M. Whitton, 7687, Clerk III.....	N	3 720
15. Charlotte Wiesinger, 2845, Clerk III.....	N	3 960
16. Donald J. Alberts, 5297, Chief Clerk.....	N	6 600
17. Robert D. Barger, 5558, Chief Clerk.....	N	6 600
18. S. K. Brownfield, 2848, Chief Clerk.....	N	6 600
19. Ann Allen, 2829, Payroll Clerk III.....	N	6 000
20. M. Lucille Williams, 2853, Residence Halls Clerk.....	N	3 300
21. ———, 2858, Residence Halls Clerk.....	N	2 520
22. ———, 4894, Residence Halls Clerk.....	N	2 400

23. Erna S. Wright, 7776, Typing Clerk II.....	N	2 700
24. ———, 2831, Clerk-Stenographer.....	N	3 360
25. Mildred E. Gones, 7664, Clerk-Typist II.....	N	3 180
26. M. Leona Hopper, 7990, Clerk-Typist II.....	N	2 880
27. Mary K. Johnson, 2851, Clerk-Typist II.....	N	2 850
28. Barbara N. Sokolowski, 6750, Clerk-Typist II.....	N	3 600
29. Erma J. Waight, 2869, Clerk-Typist III.....	N	3 300
30. Van C. Norman, 2826, Assistant Director of Housing Maintenance and Construction.....	N	10 200
31. Otto E. Unger, 2841, Assistant Director of Housing Food Service	N	11 100
(Perquisites University— one meal)		
32. L. L. James, 2844, Housing Maintenance Inspector.....	N	5 910
33. Warren D. Moore, 7441, Housing Maintenance Inspector	N	6 000
34. D. N. Reynolds, 2843, Housing Maintenance Inspector...	N	6 000
35. David B. Stayton, 2872, Housing Maintenance Inspector	N	5 430
36. William P. Myers, 7725, Assistant Food Service Manager	N	9 400
(Perquisites University— one meal)		
37. Robert H. Suter, 7694, Housing Business Manager.....	N	9 800
(Perquisites University— one meal)		
38. Carroll J. Hubble, 7123, Manager of Housing Operations Office	N	8 400
39. Dee W. Frame, 2839, Secretary— Stenographic.....	N	4 200
40. Ethel W. Grover, 7190, Secretary— Stenographic.....	N	5 280
41. Robert C. Fonner, 2842, Housing Maintenance Supervisor	N	7 200
42. Eugene W. Goldie, 2871, Housing Maintenance Supervisor	N	7 080
43. ———, 7672, Supervisor of Family Housing.....	N	8 300
<i>Total, Residence Halls Administration.....</i>		<u>\$219 320</u>

Temporary Family Housing

Account Number 18-82-80-748

1. Karen K. Duncan, 7037, Clerk II.....	ZN	\$ 2 640
2. Rene I. Robertson, 7036, Typing Clerk II.....	ZN66	1 770
(Total Salary)		(2 640)
3. Joan C. Waters, 2879, Clerk-Typist II.....	N	2 700
4. Amos Motsinger, 2877, Fire Inspector.....	N	4 590
5. Edward E. Durbin, 8069, Housing Maintenance Inspector	N	4 800
6. Robert E. Fortney, 2867, Housing Maintenance Inspector	N	5 220
7. Lawrence A. Phillips, 2878, Housing Maintenance Inspector.....	N	4 800
8. Cal W. Shull, 2873, Manager of Temporary Family Housing	N	6 800
9. Sammy J. Rebecca, 2874, Assistant Manager of Temporary Family Housing.....	N	5 790
10. Francis W. Good, 2875, Housing Maintenance Supervisor	N	6 270
<i>Total, Temporary Family Housing.....</i>		<u>\$45 380</u>

Trust— Central Food Stores Operation

Account Number 48-82-80-713

1. John L. Hayes, 2828, Accountant II.....	N	\$ 7 000
2. R. F. Hott, 2846, Purchasing Assistant III.....	ZN30	2 520
(Total Salary)		(8 400)
3. Richard A. Jolley, 7794, Housing Maintenance Inspector	N	4 920
4. Robert E. Selvey, 8099, Manager of Central Food Stores	N	9 800
(Perquisites University— one meal)		
5. Floyd E. Davis, Produce Supervisor.....	N	5 700
<i>Total, Trust— Central Food Stores Operation.....</i>		<u>\$29 940</u>

Trust— Graduate Residence Halls Operation

Account Number 48-82-80-730

1. ———,	N	\$ 3 600
<i>Total, Trust— Graduate Residence Halls Operation...</i>		<u>\$ 3 600</u>

Trust — Gregory Drive Residence Halls Operation

Account Number 48-82-80-733

1. Leah M. Revell, 2852, Residence Halls Clerk.....	N	\$ 2 640
2. Robert E. Beyers, 2876, Housing Maintenance Inspector	N	4 800
3. Evelyn Whitson, 7552, Food Production Manager.....	N	6 960
(Perquisites University — two meals)		
4. Frances L. Potter, 7628, Assistant Food Production		
Manager	N	4 560
(Perquisites University — two meals)		
5. Berneta Scheib, 7524, Assistant Food Production Man-		
ager	N	4 650
(Perquisites University — two meals)		
6. Joan Gwynn, 7650, Food Service Supervisor.....	H	4 080
<i>Total, Trust — Gregory Drive Residence Halls Opera-</i>		
<i>tion.....</i>		<i>\$27 690</i>

Trust — Busey-Evans Halls Operation

Account Number 48-82-80-735

1. Carrie Coffman, 2857, Residence Halls Clerk.....	H	\$ 3 300
2. Claude M. Harrell, 7508, Housing Maintenance Inspector	N	4 980
3. Margaret A. Knight, 2854, Food Production Manager...	N	5 850
(Perquisites University — two meals)		
4. Ruby Waldron, 2855, Assistant Food Production Manager	N	4 410
(Perquisites University — two meals)		
<i>Total, Trust — Busey-Evans Halls Operation.....</i>		<i>\$18 540</i>

Trust — Allen Halls Operation

Account Number 48-82-80-736

1. Nadine M. Cook, 3041, Clerk I.....	G	\$ 1 890
(Nine months)		
2. Marliiss J. Byard, 2863, Residence Halls Clerk.....	H	2 700
<i>Total, Trust — Allen Halls Operation.....</i>		<i>\$ 4 590</i>

Trust — Lincoln Avenue Residence Operation

Account Number 48-82-80-737

1. Emma Marshky, 2856, Residence Halls Clerk.....	H	\$ 3 300
2. Ladyne K. Dendy, 2861, Food Production Manager.....	N	6 720
(Perquisites University — two meals)		
3. Patricia F. Bernauer, 7677, Assistant Food Production		
Manager	N	4 560
4. Patsy S. Knight, 7704, Assistant Food Production Man-		
ager	N	4 200
5. _____, 7196, Assistant Food Production Manager..	N	4 530
6. Patricia I. MacLeod, 2862, Food Service Supervisor....	N	3 758
<i>Total, Trust — Lincoln Avenue Residence Operation...</i>		<i>\$27 068</i>

Trust — Men's Residence Halls Operation

Account Number 48-82-80-739

1. Adele E. Downer, 2865, Residence Halls Clerk.....	N	\$ 2 640
2. Elizabeth D. Lambert, 2849, Food Production Manager..	N	6 720
(Perquisites University — two meals)		
3. Lenora E. Morgan, 2850, Assistant Food Production Man-		
ager	N	4 560
(Perquisites University — two meals)		
4. Jean M. Paul, 5679, Assistant Food Production Manager	N	5 100
(Perquisites University — two meals)		
<i>Total, Trust — Men's Residence Halls Operation.....</i>		<i>\$19 020</i>

Trust — Peabody Drive Residence Halls Operation

Account Number 48-82-80-765

1. _____,	N	\$ 2 400
<i>Total, Trust — Peabody Drive Residence Halls Opera-</i>		
<i>tion.....</i>		<i>\$ 2 400</i>

Trust — Snack Bar and Service Building Operation

Account Number 48-82-80-777

1. Wayne H. Shroyer, 7980, Concessions Manager.....	N	\$ 7 700
<i>Total, Trust — Snack Bar and Service Building Operation.....</i>		<i>\$ 7 700</i>

Illini Union — General Building

Account Number 18-82-90-710

1. Kermit M. Clark, 2694, Accountant II.....	N	\$ 7 920
2. Clarence C. Leverenz, 7432, Assistant to Director of Illini Union.....	N	7 500
(Perquisites University — one meal)		
3. C. E. Wertz, 2683, Assistant to Director of Illini Union (Total Salary).....	ZN75	5 715
(Perquisites University — one meal)		(7 620)
4. Joanne Kirk, 2691, Assistant to Social Director.....	N	4 970
5. Ettabelle Schwartz, 5594, Assistant to Social Director....	N	4 440
6. Pauline M. Pointer, 7707, Clerk I.....	N	3 000
7. Mary K. Quinlan, 2712, Clerk II.....	N	3 300
8. Loretta J. Pilgrim, 2685, Clerk III.....	N	4 200
9. Susanne Sinnamon, 6388, Payroll Clerk III.....	N	4 200
10. Mary Lou Maliskas, 7616, Typing Clerk II.....	N	2 520
11. Marion A. Holt, 2702, Clerk-Stenographer II.....	N	2 970
12. Nancy O. Swanson, 2705, Clerk-Stenographer III.....	N	3 480
13. Carolyn A. Cabalek, 2699, Clerk-Typist III.....	N	3 600
14. A. E. Sawyer, 2688, Chief Building Operating Engineer..	N	9 600
15. Patricia G. Wilborn, 2708, Bookkeeping Machine Operator I.....	N	3 030
16. Mary Jane Fisher, 2701, Bookkeeping Machine Operator II.....	N	3 900
17. Barbara J. Gill, 8029, Duplicating Machine Operator I....	N	2 640
18. Ellyn J. Gillogly, 5512, Duplicating Machine Operator II	N	3 600
19. Robert L. McNabb, 5424, Night Supervisor of Illini Union (Perquisites University — one meal)	N	6 000
<i>Total, Illini Union — General Building.....</i>		<i>\$86 585</i>

Illini Union — Food Service

Account Number 18-82-90-720

1. R. F. Hott, 0278, Purchasing Assistant II.....	ZN30	\$ 2 520
(Total Salary).....		(8 400)
2. Helen M. England, 2725, Clerk II.....	N	3 300
(Perquisites University — one meal)		
3. Annette K. Nielsen, 2724, Clerk III.....	N	4 200
(Perquisites University — one meal)		
4. Luella Rennie, 6007, Clerk III.....	N	3 150
(Perquisites University — one meal)		
5. ———, 5355, Dining Room Hostess.....	N	2 520
6. Evelyn M. Long, 2719, Food Production Manager.....	N	6 960
(Perquisites University — two meals)		
7. Catherine E. Richards, 5861, Food Production Manager..	N	6 870
(Perquisites University — two meals)		
8. Naomi J. Bowen, 2720, Assistant Food Production Manager.....	N	6 000
(Perquisites University — two meals)		
9. Florence A. Forsyth, 2722, Assistant Food Production Manager.....	N	4 950
(Perquisites University — two meals)		
10. Laura C. Gould, 6831, Assistant Food Production Manager	N	4 650
(Perquisites University — two meals)		
11. Violet K. Pang, 7588, Assistant Food Production Manager	N	4 770
(Perquisites University — two meals)		
12. Mary E. Slack, 5310, Assistant Food Production Manager	N	4 800
(Perquisites University — one meal)		

13. _____, 7975, Assistant Food Production Manager..	N	4 200
14. Marjorie S. Arkwright, 2714, Food Service Manager....	N	11 100
(Perquisites University—two meals)		
15. Marilyn J. Benjamin, 5664, Catering Supervisor.....	N	5 200
(Perquisites University—two meals)		
16. _____, 5622, Colonial Room Supervisor.....	N	5 220
Total, Illini Union—Food Service.....		<u>\$80 410</u>

Illini Union—Billiards

Account Number 18-82-90-730

1. Bert N. Lippincott, 2735, Bowling Alley and Billiard Room Manager	ZN25	\$ 1 500
(Total Salary)		(6 000)
Total, Illini Union—Billiards.....		<u>\$ 1 500</u>

Illini Union—Bowling Alleys

Account Number 18-82-90-740

1. Bert N. Lippincott, 2735, Bowling Alley and Billiard Room Manager	ZN75	\$ 4 500
Total, Illini Union—Bowling Alleys.....		<u>\$ 4 500</u>

Illini Union—Bookstore

Account Number 18-82-90-770

1. Carole L. Wood, 8127, Clerk II.....	N	\$ 2 820
2. _____, 2729, Bookstore Manager.....	N	10 600
3. John A. Balagna, Jr., 5303, Assistant Bookstore Manager	N	6 600
Total, Illini Union—Bookstore.....		<u>\$20 020</u>

CHICAGO PROFESSIONAL COLLEGES**ADMINISTRATION AND GENERAL****Vice-President's Office**

Account Number 05-06-10

1. Sophia M. Hyland, 3230, Clerk-Stenographer III.....	N	\$ 5 100
2. Margaret C. Clancy, 3229, Administrative Secretary—Stenographic	N	7 800
Total, Vice-President's Office.....		<u>\$12 900</u>

Health Service

Account Number 05-06-15

1. Rosa M. Sowell, 6640, Typing Clerk II.....	N	\$ 3 780
2. Rosina A. Durzo, 3233, Clerk-Stenographer III.....	N	4 500
3. Irma H. Collins, 3234, Clerk-Typist II.....	N	3 900
4. _____, Clerk-Typist II.....	N	4 200
5. Peggy A. Curnyn, 3232, Staff Nurse.....	N	4 620
Total, Health Service.....		<u>\$21 060</u>

Animal Hospital

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	\$ 5 600
3. Beverly R. Starbuck, 3237, Clerk-Typist III.....	N	3 900
4. Joyce H. Baller, 7909, Staff Nurse.....	N	4 830
5. A. L. Hesse, 3236, Supervisor of Animal Hospital.....	N	7 800
6. Reva M. Kemp, 3239, Histology Technologist.....	N	5 232
Total, Animal Hospital.....		<u>\$27 362</u>

ANIMAL HOSPITAL SERVICE

Account Number 15-10-09

1. Murphy R. Cooper, 7648, Accountant I.....	N	\$ 4 950
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2. Nancy B. Rymkey, 6513, Typing Clerk III.....	N	3 780
3. Eda M. Segovia, 7295, Surgical Technician.....	N	3 300
<i>Total, Animal Hospital Service.....</i>		<u>\$12 030</u>

Illustration Studios

Account Number 05-06-39

1. Dagmar Bankowski, 3398, Clerk-Typist III.....	N	\$ 4 050
2. Robert C. Kostro, 3396, Photographer I.....	N	4 050
3. Evelyn M. Robbins, 8034, Photographer I.....	N	4 800
4. Frank J. Marek, 3397, Clinical Photographer.....	N	6 270
5. Frederick Sharp, 8035, Clinical Photographer.....	N	8 600
6. Lawrence Toriello, 3395, Clinical Photographer.....	N	8 600
<i>Total, Illustration Studios.....</i>		<u>\$36 370</u>

Business Office**Business Manager's Office**

Account Number 05-06-18

1. Joan Hruby, 3261, Clerk-Stenographer III.....	N	\$ 4 980
2. Elaine M. Syracuse, 3260, Clerk-Typist II.....	N	3 660
3. W. E. Cowart, 3258, Assistant Business Manager.....	N	12 720
4. Joyce E. Olson, 3259, Secretary — Stenographic.....	N	5 700
<i>Total, Business Manager's Office.....</i>		<u>\$27 060</u>

Accounting Division

Account Number 05-06-19

1. Joseph Juhasz, 3321, Accountant I.....	N	\$ 5 400
2. Arlene Nienhuis, 3263, Accountant I.....	N	5 700
3. C. J. Nowakowski, Accountant II.....	ZN65	5 655
(Total Salary)		(8 100)
4. Arthur Catrambone, 3265, Accountant III.....	ZN	9 600
5. Harold O. Albers, 3262, Division Chief Accountant.....	N	12 450
6. Julia D. Lockwood, 3270, Clerk-Stenographer III.....	N	5 040
<i>Total, Accounting Division.....</i>		<u>\$43 845</u>

Collections Division

Account Number 05-06-20

1. Lois A. Buskey, 3279, Cashier II.....	N	\$ 3 960
2. Lucille Weiler, 3278, Cashier II.....	N	4 140
3. Dolores F. Keating, 3277, Cashier III.....	N	6 600
4. Monya A. Marlow, 7160, Clerk-Typist I.....	N	3 420
<i>Total, Collections Division.....</i>		<u>\$18 120</u>

Payroll Division

Account Number 05-06-21

1. Ernestine Lathrop, 3282, Payroll Clerk II.....	N	\$ 4 080
2. Mary T. Sheehan, 3283, Payroll Clerk II.....	N	4 140
3. Beverly T. Lehmann, 3281, Payroll Clerk III.....	N	5 220
4. Genevieve Cameron, 3280, Payroll Supervisor.....	N	7 500
<i>Total, Payroll Division.....</i>		<u>\$20 940</u>

Purchasing Division

Account Number 05-06-22

1. J. F. Knight, 3284, Purchasing Agent.....	N	\$13 740
2. Ward L. Walhay, Assistant Purchasing Agent.....	ZN50	5 070
(Total Salary)		(10 600)
3. Mary C. Horne, 3287, Purchasing Assistant II.....	N	7 470
4. Joseph P. Ramsay, Purchasing Assistant II.....	ZN65	4 680
(Total Salary)		(7 470)
5. Stafford Kariotis, Purchasing Assistant III.....	ZN50	4 700
(Total Salary)		(9 600)
6. Andrew C. Collins, 7169, Receiving Clerk.....	N	3 840
7. James Jackson, 3294, Receiving Clerk.....	N	3 840

8. Evelyn B. Kortum, 3295, Clerk-Stenographer III.....	N	4 560
9. Agnes Maly, 3291, Secretary — Stenographic.....	N	5 580
10. Joseph Arnold, 3288, Supervisor of Central Receiving Station.....	N	5 700
<i>Total, Purchasing Division.....</i>		<u>\$59 180</u>

General Clerical

Account Number 05-06-24

1. Arthur Catrambone, 3265, Office Manager.....	ZN	.....
2. Anne S. Firszt, 3274, Clerk III.....	N	\$ 4 260
3. Frances L. Nelson, 6576, Clerk III.....	N	3 900
4. Tessie Twietmeyer, 5734, Clerk III.....	N	3 840
5. Mari A. Bartucci, 3269, Chief Clerk.....	N	5 460
6. J. C. Dolciamore, 3292, Chief Clerk.....	N	5 340
7. Loretta M. Gianvito, Typing Clerk I.....	ZN82	2 700
(Total Salary)		(3 540)
8. Irene Dembicki, 3297, Typing Clerk II.....	N	3 540
9. Marlene M. Ruffolo, 3298, Typing Clerk II.....	N	4 020
10. Alice L. Steger, 3301, Typing Clerk II.....	N	4 080
11. Dorothy Diederich, 3275, Clerk-Typist II.....	N	3 780
12. Mary Lichtenwalter, 3300, Clerk-Typist II.....	N	3 900
13. Arlene P. Longo, 3273, Clerk-Typist II.....	N	4 020
14. Anna Sells, 3302, Clerk-Typist II.....	N	3 780
15. Lorraine A. Thesen, 3299, Clerk-Typist II.....	N	3 540
16. Margaret Ventrella, 3296, Clerk-Typist II.....	N	3 840
17. Mary C. Kreidler, 3322, Clerk-Typist III.....	N	4 320
18. Linda E. Miller, Clerk-Typist III.....	ZN30	1 080
(Total Salary)		(3 600)
19. Elizabeth O. Yore, 3271, Clerk-Typist III.....	N	4 260
20. Harriet B. Lynch, 3304, Inventory Supervisor.....	N	4 800
21. Dominic Trombetta, 3289, Inventory Supervisor.....	N	5 640
<i>Total, General Clerical.....</i>		<u>\$80 100</u>

General Stores

Account Number 15-05-15

1. Ward L. Walhay, Assistant Purchasing Agent.....	ZN20	\$ 2 050
(Total Salary)		(10 600)
2. Betty Babiar, 3313, Stores Clerk.....	N	4 320
3. Fred A. Howe, 7927, Stores Clerk.....	N	4 800
4. Elvie McClinton, 7926, Stores Clerk.....	N	4 800
5. Curtis Walton, 7925, Stores Clerk.....	N	4 020
6. Loretta M. Gianvito, Typing Clerk I.....	ZN18	840
(Total Salary)		(3 540)
7. Harry W. Phillipp, 3309, Stores Supervisor.....	N	6 800
<i>Total, General Stores.....</i>		<u>\$27 630</u>

Student Supply Storeroom

Account Number 15-05-35

1. Ward L. Walhay, Assistant Purchasing Agent.....	ZN30	\$ 3 480
(Total Salary)		(10 600)
2. Joseph P. Ramsay, Purchasing Assistant II.....	ZN35	2 790
(Total Salary)		(7 470)
3. Stafford Kariotis, Purchasing Assistant III.....	ZN25	2 700
(Total Salary)		(9 600)
4. Katia J. Vasseur, 3308, Clerk III.....	N	3 780
5. Estelle Mulatero, 3307, Stores Clerk.....	N	4 230
6. B. F. Dungan, 3305, Manager of Student Supply Store.....	N	8 640
7. William C. Godin, 7924, Stores Supervisor.....	N	5 340
<i>Total, Student Supply Storeroom.....</i>		<u>\$30 960</u>

Tabulating Service

Account Number 15-10-43

1. Mary A. Morrison, 3319, Card Punch Operator I.....	N	\$ 4 080
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2. Eileen E. Mulhall, 5160, Card Punch Operator II.....	N	4 500
3. Kathryn Flynn, 3318, Card Punch Operator III.....	N	5 460
(On leave without pay)		
4. Lawrence W. Wilborn, 7348, Tabulating Machine Operator I.....	N	3 600
5. _____, Tabulating Machine Operator I.....	N	4 200
6. Eugene J. Krych, 7065, Tabulating Machine Operator II..	N	4 260
7. Ottie P. Carter, 3316, Tabulating Machine Supervisor....	N	10 650
8. Steve E. Adamczyk, 3317, Assistant Tabulating Machine Supervisor.....	N	7 020
<i>Total, Tabulating Service.....</i>		<i>\$43 770</i>

Trust — Indirect Costs — Business Office

Account Number 56-06-03

1. C. J. Nowakowski, Accountant II.....	ZN35	\$ 2 445
(Total Salary)		(8 100)
2. Marie Herman, 8077, Chief Clerk.....	N	5 280
3. Adeline Kocolowski, 3276, Chief Clerk.....	N	5 100
4. Karen A. Earp, 7996, Clerk-Stenographer III.....	N	4 200
5. Linda E. Miller, Clerk-Typist III.....	ZN70	2 520
(Total Salary)		(3 600)
<i>Total, Trust — Indirect Costs — Business Office.....</i>		<i>\$19 545</i>

Auditing

Account Number 05-06-23

1. Wilbert Gordon, 3326, Accountant II.....	ZN84	\$ 7 020
(Total Salary)		(8 400)
2. Frederick J. Ray, 3325, Accountant II.....	N	6 400
3. _____, Accountant II.....	N	6 500
4. Carlton Merrifield, 3324, Assistant Auditor.....	N	10 000
5. Mary Jo Stovall, 3327, Clerk-Typist III.....	N	4 350
<i>Total, Auditing</i>		<i>\$34 270</i>

Trust — Indirect Costs — Auditing

Account Number 56-06-04

1. Wilbert Gordon, 3326, Accountant II.....	ZN16	\$ 1 380
<i>Total, Trust — Indirect Costs — Auditing.....</i>		<i>\$ 1 380</i>

Admissions and Records

Account Number 05-06-25

1. Timothy J. Loftus, Men's Locker Room Attendant.....	ZN50	\$ 2 320
(Total Salary)		(4 640)
2. Lyles E. Dravus, 3332, Typing Clerk III.....	N	3 990
3. Ann Feryanchik, 3331, Typing Clerk III.....	N	3 900
4. Genevieve R. Mutka, 3329, Clerk-Stenographer III.....	N	4 740
5. Helen E. Wyle, 3330, Clerk-Stenographer III.....	N	5 400
6. Velma M. Davis, 3328, Examiner and Recorder.....	N	8 220
<i>Total, Admissions and Records.....</i>		<i>\$28 570</i>

Nonacademic Personnel

Account Number 05-06-30

1. Mae Slappey, 6311, Personnel Assistant II.....	N	\$ 4 800
2. Viola Watson, 3337, Typing Clerk II.....	N	3 660
3. Mary F. Pacer, 3342, Typing Clerk III.....	N	4 440
4. Marion E. Erickson, 3339, Clerk-Typist III.....	N	4 920
5. _____, 3340, Clerk-Typist III.....	N	4 320
6. Rose Mary Strueck, Visiting Nurse.....	ZN60	3 240
(Total Salary)		(5 400)
7. George H. Adams, 7368, Labor Relations Officer.....	N	9 600
8. Noreen A. Loan, 7960, Personnel Officer I.....	N	6 660
9. Gertrude Meiers, 3335, Personnel Officer II.....	N	8 700

10. Maurice S. Cohen, 5488, Placement Officer.....	N	\$ 6 180
11. Harry R. Murphy, 3336, Placement Officer.....	N	6 360
<i>Total, Nonacademic Personnel.....</i>		<u>\$62 880</u>

Stenographic Service

Account Number 15-10-39		
1. Emma Taylor, 7229, Duplicating Machine Operator I.....	N	\$ 3 420
2. Dolores C. Frank, 3343, Duplicating Machine Operator III	N	4 440
<i>Total, Stenographic Service.....</i>		<u>\$ 7 860</u>

Indirect Costs — Nonacademic Personnel

Account Number 56-06-02		
1. Marian V. Allen, 7681, Clerk-Stenographer III.....	N	\$ 4 800
2. Jeanette M. Damon, 5735, Clerk-Typist III.....	N	3 840
<i>Total, Indirect Costs — Nonacademic Personnel.....</i>		<u>\$ 8 640</u>

Student Affairs

Account Number 05-06-32		
1. Lavon Elliott, 3344, Clerk-Stenographer III.....	N	\$ 4 860
2. Demaris Pinkstaff, 6899, Clerk-Stenographer III.....	N	4 440
3. _____, 3345, Clerk-Typist II.....	N	3 720
4. Carolyn H. Gerdes, 7440, Secretary — Stenographic.....	N	5 100
<i>Total, Student Affairs.....</i>		<u>\$18 120</u>

Public Information

Account Number 05-06-35		
1. Janice M. Kampe, 7100, Clerk-Stenographer III.....	N	\$ 4 800
2. Gerald Glaub, 6607, Assistant Manager of Public Information.....	N	5 700
<i>Total, Public Information.....</i>		<u>\$10 500</u>

COLLEGE OF MEDICINE**Administration**

Account Number 05-12-03		
1. Timothy J. Loftus, Men's Locker Room Attendant.....	ZN50	\$ 2 320
(Total Salary)		(4 640)
2. Yvonne L. Baker, 3353, Clerk-Stenographer III.....	N	5 100
3. Mary A. Finnegan, 3352, Clerk-Stenographer III.....	N	4 500
4. Violet Gabriel, 3349, Clerk-Typist III.....	N	4 350
5. Catharine E. Dolan, 3348, Administrative Secretary—Stenographic.....	N	7 800
<i>Total, Administration</i>		<u>\$24 070</u>

Cooperative Investigations**TRUST — MEDICAL EDUCATION RESEARCH COMMONWEALTH FUND**

Account Number 50-05-10		
1. Patricia D. Husmann, 8005, Clerk-Typist III.....	N	\$ 4 080

Anatomy

Account Number 05-12-18		
1. Grace S. Winfrey, 6446, Laboratory Assistant III.....	N	\$ 4 296
2. Margaret R. Haslett, 6040, Clerk-Typist III.....	N	3 900
3. Frank Gariffo, 7498, Anatomy Curator.....	N	4 400
4. George H. Miller, 3356, Pathotechnologist.....	N	6 060
5. Dorothy I. Duncan, 3359, Secretary — Transcribing.....	N	6 300
(On leave without pay)		
6. Rose L. Walsh, Secretary — Transcribing.....	N	5 490
7. Lucille M. Shepherd, 3357, Histology Technologist.....	N	5 100
<i>Total, Anatomy</i>		<u>\$30 056</u>

Cooperative Investigations

TRUST — U.S. ARMY MD 794

Account Number 55-16-95

1. Billy Carroll, 7684, Animal Caretaker I..... N	\$ 3 624
(On leave without pay)	
2. James E. Richmond, 7067, Animal Caretaker I..... N	4 296
<i>Total, Trust — U.S. Army MD 794.....</i>	<u>\$ 7 920</u>

Biological Chemistry

Account Number 05-12-27

1. Marcella Sayers, 3372, Laboratory Assistant I..... N	\$ 3 216
2. Wyndolyn H. Jenkins, 3373, Laboratory Assistant II..... N	3 624
3. Anne F. Douglas, 3374, Clerk-Stenographer II..... N	4 350
4. Anne L. Megley, 5185, Secretary — Stenographic..... N	5 500
5. Wendell P. Peete, 7661, Storekeeper..... N	4 512
6. Harold Trahan, 8122, Biochemistry Technologist..... N	5 364
<i>Total, Biological Chemistry.....</i>	<u>\$26 566</u>

Cooperative Investigations

TRUST — C. PFIZER AND COMPANY

Account Number 50-12-10

1. Rita C. Hoffman, 7337, Medical Technologist I..... N	\$ 4 512
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TRUST — AMERICAN CANCER SOCIETY

Account Number 50-12-50

1. Bobby H. Biggers, 6564, Medical Technologist I..... N	\$ 4 860
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TRUST — U.S. PUBLIC HEALTH SERVICE A2624C1

Account Number 55-21-03

1. Harold E. Charles, 7690, Biochemistry Technologist..... N	\$ 4 620
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TRUST — U.S. PUBLIC HEALTH SERVICE A1543C2

Account Number 55-21-13

1. Jose C. Gan, 6550, Biochemistry Technologist..... N	\$ 4 860
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TRUST — U.S. PUBLIC HEALTH SERVICE A425C6

Account Number 55-21-26

1. Elizabeth D. Dawes, 7699, Biochemistry Technologist..... N	\$ 4 860
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TRUST — U.S. NATIONAL SCIENCE FOUNDATION 6454

Account Number 55-21-31

1. Dione D. Gacke, 8000, Medical Technologist I..... N	\$ 4 296
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TRUST — U.S. ARMY MD 562

Account Number 55-21-40

1. Gerald E. Walsh, 7686, Biochemistry Technologist..... N	\$ 5 232
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TRUST — U.S. PUBLIC HEALTH SERVICE E2813C1

Account Number 55-21-43

1. Habib Rejal, 7768, Biochemistry Technologist..... N	\$ 5 628
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TRUST — U.S. PUBLIC HEALTH SERVICE D877C1

Account Number 55-21-52

1. Marlene T. Sarnat, 8047, Biochemistry Technologist..... N	\$ 4 860
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TRUST — U.S. PUBLIC HEALTH SERVICE E1161C3

Account Number 55-21-63

1. Pearl Hillman, 6919, Laboratory Assistant II..... N	\$ 3 804
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TRUST — U.S. PUBLIC HEALTH SERVICE E1514C3

Account Number 55-21-88

1. Mary J. Firszt, 6981, Biochemistry Technologist..... N	\$ 5 628
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TRUST — U.S. PUBLIC HEALTH SERVICE 2347C5

Account Number 55-35-80

1. Myrtle Thornton, 7462, Biochemistry Technologist..... N	\$ 4 620
2. Z. Buinevicius, 7855, Medical Technologist I..... N	3 996
<i>Total, Trust — U.S. Public Health Service 2347C5.....</i>	<u>\$ 8 616</u>

Clinical Science

Account Number 05-12-30

1. Elizabeth L. Faler, 3377, Chief Clerk.....	N	\$ 6 000
<i>Total, Clinical Science.....</i>		<i>\$ 6 000</i>

Cooperative Investigations

TRUST — LAKELAND FOUNDATION

Account Number 50-15-41

1. Eve R. Feivish, 6485, Laboratory Assistant I.....	N	\$ 3 288
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TRUST — U.S. PUBLIC HEALTH SERVICE H3411C2

Account Number 55-25-17

1. Michael Batina, 8072, Animal Caretaker I.....	N	\$ 3 540
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Dermatology

Account Number 05-12-36

1. Sadie B. Stringer, 6635, Laboratory Assistant III.....	N	\$ 3 996
2. Marie P. Ehrlicher, 7963, Clerk-Stenographer III.....	N60	2 820
3. _____, 3393, Secretary — Stenographic.....	N	5 340
4. Vanda Zolynas, 3392, Histology Technologist.....	N	4 860
<i>Total, Dermatology</i>		<i>\$17 016</i>

Medical Social Work

Account Number 05-12-41

1. Josephine Hickey, 3677, Clerk-Stenographer III.....	N	\$ 4 320
2. Myrtle H. Parkman, 3675, Clerk-Stenographer III.....	N	4 290
3. Lauretta Willborn, 3545, Clerk-Stenographer III.....	N	4 620
4. Lillie A. Brewton, 4501, Clerk-Typist II.....	N	4 050
5. Lavaughn E. Truitt, 3676, Clerk-Typist III.....	N	3 930
6. Helen Strano, 3674, Secretary — Stenographic.....	N	5 160
<i>Total, Medical Social Work.....</i>		<i>\$26 370</i>

Medicine

Account Number 05-12-42

1. Bertha Mae Heady, 3411, Laboratory Assistant I.....	N	\$ 3 132
2. Edward L. Eckert, 6474, Equipment Attendant.....	N	4 740
3. Joyce A. Green, 7922, Clerk-Stenographer II.....	N	3 870
4. Eulah D. Nathan, 3415, Clerk-Stenographer II.....	N	3 600
5. Nancy J. Rockwood, Clerk-Stenographer II.....	ZN50	2 250
(Total Salary)		(4 500)
6. Mary L. Lockett, 3413, Clerk-Stenographer III.....	N	4 200
7. Roberta D. Nelson, Clerk-Stenographer III.....	ZN50	2 265
(Total Salary)		(4 530)
8. Beatrice Parker, 3414, Clerk-Stenographer III.....	N	4 500
9. _____, 3412, Clerk-Typist II.....	N	3 750
10. Sandra S. Swengel, 5298, Clerk-Typist III.....	N	4 800
11. Bennie F. Booker, Pathotechnologist.....	ZN84	4 076
(Total Salary)		(4 980)
12. Peggy A. Spieth, 7525, Pathotechnologist.....	N	4 620
13. Doris Nielsen, 3406, Secretary — Stenographic.....	N	6 600
14. _____, 5316, Biochemistry Technologist.....	N	5 100
15. Frances D. Enggram, 7010, Medical Technologist I.....	N	4 092
<i>Total, Medicine</i>		<i>\$61 595</i>

Cooperative Investigations

TRUST — PULMONARY FUNCTION

Account Number 50-24-35

1. Loretta Bates, 7574, Laboratory Assistant I.....	N	\$ 3 060
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TRUST — G. D. SEARLE AND COMPANY

Account Number 50-24-68

1. Jane H. Synek, Medical Technologist I.....	ZN67	\$ 3 360
(Total Salary)		(4 860)

TRUST — U.S. PUBLIC HEALTH SERVICE H2253C3

Account Number 55-35-13

1. Nancy J. Rockwood, 3416, Clerk-Stenographer II..... ZN50 \$ 2 250

TRUST — U.S. PUBLIC HEALTH SERVICE E1690C2

Account Number 55-35-17

1. Peggy L. Lee, 6109, Laboratory Assistant I..... N \$ 3 288
 2. Berit M. Bertilson, 7849, Pathotechnologist..... N 4 620
Total, Trust — U.S. Public Health Service E1690C2..... *\$ 7 908*

TRUST — U.S. PUBLIC HEALTH SERVICE 2A5032C3

Account Number 55-35-23

1. Roberta D. Nelson, 7230, Clerk-Stenographer III..... ZN50 \$ 2 265

TRUST — U.S. PUBLIC HEALTH SERVICE E2044C1

Account Number 55-35-27

1. Bennie F. Booker, 5317, Pathotechnologist..... ZN16 \$ 904

TRUST — U.S. PUBLIC HEALTH SERVICE E1855C2

Account Number 55-35-62

1. Annaliisa Huhti, 7331, Biochemistry Technologist..... N \$ 4 620

TRUST — U.S. ARMY MD 421

Account Number 55-35-65

1. Eugenia Wade, 6238, Laboratory Assistant I..... N \$ 3 288

TRUST — U.S. PUBLIC HEALTH SERVICE I659C1

Account Number 55-35-71

1. James Eyzendooren, 7770, Medical Technologist I..... N \$ 4 188

TRUST — U.S. PUBLIC HEALTH SERVICE 2347C5

Account Number 55-35-80

1. Jeanine A. Morris, 6020, Laboratory Assistant III..... N \$ 4 620
 2. Janet G. Korzen, 6099, Clerk-Stenographer III..... N 4 590
 3. Mary J. Unger, 7857, Clerk-Typist II..... N 4 080
Total, Trust — U.S. Public Health Service 2347C5..... *\$13 290*

TRUST — U.S. PUBLIC HEALTH SERVICE VA5105C2

Account Number 55-35-92

1. Jane H. Synek, 7090, Medical Technologist I..... ZN33 \$ 1 500

Microbiology

Account Number 05-12-44

1. Mary Aldridge, 3368, Laboratory Assistant I..... N \$ 3 288
 2. Sarah A. McDonald, 6058, Laboratory Assistant I..... N 2 988
 3. Calvin U. Toliver, 3365, Laboratory Assistant I..... N 3 288
 4. Vladas Literskis, 5779, Laboratory Assistant II..... N 4 296
 5. Lula M. Neal, 3366, Laboratory Assistant II..... N 3 372
 6. ———, 3367, Laboratory Assistant III..... N 4 512
 7. Stanley G. Moore, 6054, Laboratory Program Administrative Assistant..... N 6 840
 8. Dorothy M. Walker, Clerk-Typist III..... ZN50 2 160
 (Total Salary)..... (4 290)
 9. Ethel M. Ortwein, 5776, Secretary — Stenographic..... N 5 700
Total, Microbiology..... *\$36 444*

Neurology and Neurological Surgery

Account Number 05-12-45

1. Fumiko Koketsu, 3440, Laboratory Assistant I..... N \$ 3 132
 2. Sharon M. Kwak, 3430, Laboratory Assistant I..... N 2 916
 3. Marie Woolfolk, 3439, Laboratory Assistant I..... N 3 540
 4. Beatrice K. Meyers, 6055, Laboratory Program Administrative Assistant..... N 7 800
 5. Alyce E. Oxford, 3433, Clerk-Typist II..... N 4 200
 6. Danuta J. Myslicki, 3437, Clerk-Typist III..... N 3 780
 7. Katie Spraggins, 6196, Clerk-Typist III..... N 3 780

8. H. C. Montorsi, 3432, Secretary — Stenographic.....	N	6 300
9. ———, 3436, Secretary — Stenographic.....	N	4 500
10. Jean C. Duff, 5969, Electroencephalographic Technician... N		4 590
11. Marie C. Hammer, 3438, Electroencephalographic Technician.....	N	4 650
12. Ann T. Greboski, 6995, Supervising Electroencephalographic Technician	N	5 280
13. Roxy L. Pickering, 3428, Chief Medical X-ray Technician N		7 800
<i>Total, Neurology and Neurological Surgery.....</i>		<u>\$62 268</u>

Epilepsy Clinic Revolving

Account Number 07-12-10

1. Donna T. Daisy, 3443, Clerk-Stenographer III.....	N	\$ 4 020
<i>Total, Epilepsy Clinic Revolving.....</i>		<u>\$ 4 020</u>

Cooperative InvestigationsTRUST — CRIPPLED CHILDREN'S BUREAU — CONSULTATION
CLINIC — EPILEPSY

Account Number 53-12-10

1. Patricia Rollins, 6688, Electroencephalographic Technician N		\$ 4 200
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Obstetrics and Gynecology

Account Number 05-12-48

1. ———, 7142, Clerk-Typist II.....	N	\$ 3 996
2. Blanche M. Mayberry, 3446, Clerk-Typist III.....	N	4 320
3. Esther H. Fiessel, 3445, Secretary — Stenographic.....	N	6 600
<i>Total, Obstetrics and Gynecology.....</i>		<u>\$14 916</u>

Cooperative Investigations

TRUST — AMERICAN CANCER SOCIETY

Account Number 50-27-12

1. Ethel E. Raglin, 8016, Laboratory Assistant II.....	N	\$ 3 720
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TRUST — U.S. PUBLIC HEALTH SERVICE RG6015C1

Account Number 55-42-26

1. Joseph M. James, 6767, Medical Technologist I.....	N	\$ 4 620
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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	3 790
3. Elizabeth C. Edelen, 3449, Musician.....	N	4 800
4. Rita J. Toohey, 3447, Secretary — Transcribing.....	N	5 210
<i>Total, Occupational Therapy.....</i>		<u>\$18 600</u>

Ophthalmology

Account Number 05-12-51

1. Joan C. Anderson, 3453, Clerk-Stenographer III.....	N	\$ 4 320
2. Huldah E. Johnson, 3451, Pathotechnologist.....	N	6 060
3. Muriel C. Allardice, 3452, Secretary — Transcribing.....	N	5 730
4. Joan R. Dering, 3456, Secretary — Transcribing.....	N	5 590
5. Leonora P. Bueno, 3454, Histology Technologist.....	N	4 860
6. Lydia K. Heinen, 3455, Medical Technologist I.....	N	4 980
<i>Total, Ophthalmology</i>		<u>\$31 540</u>

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE 2B5195C1

Account Number 55-46-21

1. Dorothy Wheelles, 7141, Pathotechnologist.....	N	\$ 4 980
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Orthopaedic Surgery

Account Number 05-12-54

1. Arleana S. Walton, 3465, Laboratory Assistant I.....	N	\$ 3 060
2. Alice C. Bartlett, 3462, Laboratory Assistant III.....	N	4 620
3. Nell E. White, 5683, Clerk II.....	N	3 900

4. Ellie Lowe, 3468, Clerk-Stenographer II.....	N	4 410
5. Jean E. Ihle, 7352, Clerk-Stenographer III.....	N	5 160
6. Joanne T. Grasso, 3467, Clerk-Typist II.....	N	3 990
7. Joseph S. Kozicki, 5559, Photographer II.....	N	4 890
8. Ida Stephan, 3466, Secretary — Stenographic.....	N	6 600
<i>Total, Orthopaedic Surgery</i>		<u>\$36 630</u>

Otolaryngology

Account Number 05-12-57

1. Agnes E. Schirka, 3473, Laboratory Assistant II.....	N	\$ 4 188
2. Catherine Connery, 3476, Clerk-Stenographer III.....	N	4 980
3. Gloria M. Turner, 3477, Clerk-Stenographer III.....	N	4 350
4. Maria E. Ikenberg, 3470, Clinical Photographer.....	N	7 000
5. Marion B. Wickland, 3474, Secretary — Stenographic....	N	6 500
6. Theresa R. Zumpano, 3475, Secretary — Stenographic....	N	5 280
7. Maurits P. Kesnar, 3469, Electro-Acoustic Technician....	N	6 350
8. Fannie Lee Billups, 3471, Histology Technologist.....	N	4 860
9. Imogene Burns, 3472, Medical Technologist I.....	N	4 092
<i>Total, Otolaryngology</i>		<u>\$47 600</u>

Pathology

Account Number 05-12-60

1. Jessie F. Brown, 3483, Laboratory Assistant II.....	N	\$ 3 900
2. Adolphus Goode, 3481, Laboratory Assistant III.....	N	4 860
3. Kunigunda Silimis, 3482, Laboratory Assistant III.....	N	4 404
4. Anna W. Farley, 6492, Laboratory Program Administra- tive Assistant	N	6 750
5. Cyril V. Gazarek, 3479, Pathotechnologist.....	N	6 204
6. Mildred M. Goldfeller, 3484, Secretary — Stenographic....	N	.....
(On disability leave without pay — University Retirement System)		
7. Thelma M. Sims, 3484, Secretary — Stenographic.....	N	6 000
8. Elena Sniegaitis, 3478, Histology Technologist.....	N	4 620
<i>Total, Pathology</i>		<u>\$36 738</u>

Cooperative Investigations

TRUST — ARTHRITIS AND RHEUMATISM FOUNDATION

Account Number 50-24-26

1. Joana Puniska, 7714, Medical Technologist I.....	N	\$ 3 996
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TRUST — U.S. A968C3 TISSUE CHANGES — PIRANI

Account Number 55-47-08

1. Alice Hallworth, 3487, Laboratory Assistant III.....	N	\$ 4 512
2. Kenneth T. Thompson, 6328, Medical Technologist I.....	N	4 620
<i>Total, Trust — U.S. A968C3 Tissue Changes — Pirani...</i>		<u>\$ 9 132</u>

Pediatrics

Account Number 05-12-63

1. Alice Andersen, 3490, Secretary — Stenographic.....	N	\$ 5 700
<i>Total, Pediatrics</i>		<u>\$ 5 700</u>

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE CS9665

Account Number 55-48-05

1. Maryann Bugaieski, 7827, Visiting Nurse.....	N	\$ 4 620
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TRUST — U.S. PUBLIC HEALTH SERVICE D1064

Account Number 55-48-10

1. Karen S. Price, 7999, Clerk-Typist II.....	N	\$ 4 080
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Pharmacology

Account Number 05-12-66

1. Nathaniel Jackson, 3500, Laboratory Assistant III.....	N	\$ 4 296
2. Dolores J. Shevlin, 3498, Clerk-Stenographer III.....	N	4 200

3. Bert M. Gustafson, 3499, Instrument Maker.....	N	7 000
4. Polly F. Cline, 3497, Secretary — Stenographic.....	N	5 610
5. Anita Tatone, 3501, Secretary — Stenographic.....	N	5 160
<i>Total, Pharmacology</i>		<u>\$26 266</u>

Cooperative Investigations**TRUST — JANE COFFIN CHILDS MEMORIAL**

Account Number 50-45-45

1. Dolores C. Anderson, 6916, Biochemistry Technologist....	N	\$ 4 620
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TRUST — U.S. PUBLIC HEALTH SERVICE H2354C3

Account Number 55-50-08

1. Estella Mason, 3504, Laboratory Assistant I.....	N	\$ 3 372
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TRUST — U.S. PUBLIC HEALTH SERVICE 2G81C1

Account Number 55-50-12

1. Mary A. Fink, 7998, Clerk-Typist I.....	N	\$ 3 360
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TRUST — U.S. PUBLIC HEALTH SERVICE B983C3

Account Number 55-50-48

1. Peggy J. Davis, 7888, Medical Technologist I.....	N	\$ 3 996
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TRUST — PUBLIC HEALTH SERVICE H4472

Account Number 55-50-65

1. Charles Richardson, 7877, Laboratory Assistant II.....	N	\$ 3 456
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Physical Medicine and Rehabilitation

Account Number 05-12-72

1. Naomi McCutcheon, 3506, Secretary — Stenographic....	N	\$ 5 490
2. Willie L. Campbell, 6755, Medical Technologist I.....	N	4 512
<i>Total, Physical Medicine and Rehabilitation.....</i>		<u>\$10 002</u>

Cooperative Investigations**TRUST — U.S. PUBLIC HEALTH SERVICE H2568C3**

Account Number 55-52-08

1. Roscoe E. Mitchell, 6912, Medical Technologist I.....	N	\$ 4 404
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Physiology

Account Number 05-12-75

1. John Firek, 3512, Laboratory Assistant II.....	N	\$ 4 188
2. _____, 3511, Clerk-Typist II.....	N	4 200
3. Ruth E. James, 3514, Clerk-Typist III.....	N	4 260
4. George H. Luhr, 3508, Instrument Maker.....	N	7 080
5. Edwin R. Herskind, 5060, Senior Laboratory Mechanic....	N	4 980
6. Virginia J. Maier, 3513, Secretary — Stenographic.....	N	5 700
7. Julius J. Gyorke, 8121, Storekeeper.....	N	4 188
8. _____, 3516, Biochemistry Technologist.....	N	4 512
<i>Total, Physiology</i>		<u>\$39 108</u>

Cooperative Investigations**TRUST — U.S. PUBLIC HEALTH SERVICE H4155**

Account Number 55-55-07

1. Helen J. Moore, 8093, Medical Technologist I.....	N	\$ 4 188
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TRUST — U.S. PUBLIC HEALTH SERVICE H1353C6

Account Number 55-55-11

1. Ryo Kubota, 8119, Medical Technologist I.....	N53	\$ 2 277
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TRUST — U.S. PUBLIC HEALTH SERVICE RG5305C1

Account Number 55-55-56

1. Clifford V. Johnson, 7591, Medical Technologist I.....	N	\$ 4 092
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TRUST — U.S. PUBLIC HEALTH SERVICE 2345C3

Account Number 55-55-63

1. Adeline M. Kuzara, 8085, Laboratory Assistant II.....	N	\$ 3 540
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TRUST — U.S. PUBLIC HEALTH SERVICE 2766C2

Account Number 55-55-57

- | | | |
|--|---|----------|
| 1. Natsu Ota, 7105, Biochemistry Technologist..... | N | \$ 4 740 |
|--|---|----------|

TRUST — U.S. PUBLIC HEALTH SERVICE 4740

Account Number 55-55-95

- | | | |
|--|---|----------|
| 1. Arlene Schmolinske, 8015, Medical Technologist I..... | N | \$ 4 404 |
|--|---|----------|

Preventive Medicine

Account Number 05-12-78

- | | | |
|--|---|-----------------|
| 1. Ophelia J. Berry, 3525, Secretary — Stenographic..... | N | \$ 5 100 |
| <i>Total, Preventive Medicine.....</i> | | <u>\$ 5 100</u> |

Respiratory Center Revolving

Account Number 07-27-25

- | | | |
|---|---|-----------------|
| 1. Garland Johnson, 6806, Instrument and Measurement Technician II..... | N | \$ 6 000 |
| 2. Emilie C. Bishop, 6884, Recreational Worker..... | N | 4 700 |
| <i>Total, Respiratory Center Revolving.....</i> | | <u>\$10 700</u> |

Cooperative InvestigationsTRUST — NATIONAL FOUNDATION FOR INFANTILE PARALYSIS —
RESPIRATORY POLIO

Account Number 50-52-55

- | | | |
|---|---|-----------------|
| 1. Marian Borders, 8020, Clerk-Typist II..... | N | \$ 3 500 |
| 2. Anne R. Silverman, 5777, Secretary — Stenographic..... | N | 5 350 |
| <i>Total, Trust — National Foundation for Infantile Paralysis — Respiratory Polio</i> | | <u>\$ 8 850</u> |

TRUST — U.S. PUBLIC HEALTH SERVICE E2613C1

Account Number 55-57-16

- | | | |
|---|---|-----------------|
| 1. Cardella Price, 3526, Laboratory Assistant I..... | N | \$ 3 132 |
| 2. Erika A. Paustian, 6754, Laboratory Assistant II..... | N | 3 720 |
| <i>Total, Trust — U.S. Public Health Service E2613C1.....</i> | | <u>\$ 6 852</u> |

Psychiatry

Account Number 05-12-81

- | | | |
|---|-----|-----------------|
| 1. Lucille Elliott, 3536, Laboratory Assistant I..... | N | \$ 3 540 |
| 2. Betty J. Dobbs, 3532, Laboratory Assistant III..... | N | 4 404 |
| 3. Genevieve M. Lowden, 3534, Laboratory Assistant III..... | N | 4 404 |
| 4. Robert C. Helm, 3555, Animal Caretaker I..... | N | 3 996 |
| 5. Rachel M. Maschio, 3547, Clerk-Stenographer II..... | N | 3 900 |
| 6. Lorraine F. McNeill, 3540, Clerk-Stenographer III..... | N | 5 400 |
| 7. Dorothy M. Ohliger, 3543, Clerk-Stenographer III..... | N60 | 2 640 |
| 8. Margaret O. Baigen, 3546, Clerk-Typist III..... | N | 4 650 |
| 9. Doris Faulkner, 3541, Clerk-Typist III..... | N | 4 230 |
| 10. Luella Head, 7281, Clerk-Typist III..... | N | 4 080 |
| 11. ———, 7406, Instrument Maker..... | N | 6 800 |
| 12. Elaine R. Engstrom, 3538, Secretary — Stenographic..... | N | 6 600 |
| 13. Charlotte S. Hart, 3542, Secretary — Stenographic..... | N | 5 820 |
| 14. Luberta Shirley, 3539, Secretary — Stenographic..... | N | 5 520 |
| 15. Virginia Eagleton, 8103, Medical Technologist I..... | N | 3 996 |
| <i>Total, Psychiatry</i> | | <u>\$69 980</u> |

Cooperative Investigations

TRUST — STATE DEPARTMENT OF PUBLIC WELFARE — NEURON STUDY

Account Number 55-60-01

- | | | |
|---|---|-----------------|
| 1. Annie Walker, 6021, Laboratory Assistant I..... | N | \$ 3 540 |
| 2. Norman A. Bartley, 7364, Clinical Photographer..... | N | 6 700 |
| 3. Jackson E. Lucas, 7796, Histology Technologist..... | N | 4 860 |
| <i>Total, Trust — State Department of Public Welfare — Neuron Study</i> | | <u>\$15 100</u> |

TRUST — STATE DEPARTMENT OF PUBLIC WELFARE —
PSYCHOSOMATIC DIFFERENTIATION IN INFANTS

Account Number 55-60-05

1. C. MacCandlish, 5582, Laboratory Assistant III.....	N	\$ 3 996
2. Johnnie L. Williams, 7164, Clerk-Typist II.....	N	3 900

*Total, Trust — State Department of Public Welfare —
Psychosomatic Differentiation in Infants.....* \$ 7 896

TRUST — STATE DEPARTMENT OF PUBLIC WELFARE —
PHENYLKETONURIA

Account Number 55-60-10

1. James A. Edwards, 5825, Laboratory Assistant I.....	N75	\$ 2 412
2. Earl M. Boulton, 7683, Laboratory Assistant III.....	N	4 296
3. Johnnie H. Baker, 6294, Clerk-Typist III.....	N	4 290
4. Aline I. Portner, 7727, Electroencephalographic Technician	N	4 000

*Total, Trust — State Department of Public Welfare —
Phenylketonuria.....* \$14 998

TRUST — U.S. PUBLIC HEALTH SERVICE 3B413C6

Account Number 55-60-16

1. Jack T. Beuttas, 6563, Histology Technologist.....	N	\$ 4 860
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TRUST — U.S. PUBLIC HEALTH SERVICE B1650C1

Account Number 55-60-21

1. Yoko Kimura, 6415, Clerk-Typist III.....	N	\$ 4 100
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TRUST — U.S. PUBLIC HEALTH SERVICE M637C3

Account Number 55-60-58

1. L. Elaine Dodd, 6880, Clerk-Stenographer III.....	N	\$ 4 650
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TRUST — U.S. PUBLIC HEALTH SERVICE 2M6009

Account Number 55-60-85

1. Faye H. Weinstein, 6577, Clerk-Stenographer III.....	N40	\$ 1 980
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Radiology

Account Number 05-12-84

1. Lura P. Walton, Clerk-Typist II.....	ZN50	\$ 1 770
(Total Salary)		(3 540)
2. Fingal Spongberg, 3561, Instrument Maker.....	N	7 300
3. Margaret W. Ritter, 3559, Secretary — Stenographic....	N	6 360

Total, Radiology \$15 430

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE C13426C2

Account Number 55-62-07

1. Andrew M. Pickett, 7576, Animal Caretaker I.....	N	\$ 3 540
2. Lura P. Walton, 8073, Clerk-Typist II.....	ZN50	1 770

Total, Trust — U.S. Public Health Service C13426C2... \$ 5 310

Surgery

Account Number 05-12-90

1. Marija Petravicus, Laboratory Assistant II.....	ZN52	\$ 1 758
(Total Salary)		(3 372)
2. Sallie S. Graham, 3569, Clerk-Stenographer III.....	N	4 830
3. Doris J. Peterson, 6287, Clerk-Stenographer III.....	N	4 410
4. Ruth E. Scapino, 7365, Clerk-Stenographer III.....	N	4 470
5. Everett T. Hoppe, 3565, Pathotechnologist.....	N	6 060
6. ———, 8001, Pathotechnologist.....	N50	2 430
7. Josephine Magista, 3567, Secretary — Stenographic....	N	6 600
8. Ruth G. McGrath, 3570, Biochemistry Technologist.....	N	6 060

Total, Surgery \$36 618

Cooperative Investigations

TRUST — AMERICAN CANCER SOCIETY — TISSUE CULTURE

Account Number 50-57-04

1. Mamie O'Neal Wymbs, 7358, Laboratory Assistant I....	N	\$ 2 988
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2. Eleanor Renn, 7875, Histology Technologist.....	N	4 620
<i>Total, Trust—American Cancer Society—Tissue Cul-</i>		
<i>ture.....</i>		\$ 7 608
TRUST—U.S. PUBLIC HEALTH SERVICE CT630C11		
Account Number 55-65-16		
1. Patricia A. Camacho, 8136, Clerk I.....	N	\$ 3 420
2. Marilyn K. Miller, 3574, Clerk-Stenographer II.....	N	3 720
<i>Total, Trust—U.S. Public Health Service CT630C11..</i>		<u>\$ 7 140</u>
TRUST—U.S. PUBLIC HEALTH SERVICE H3045C2		
Account Number 55-65-42		
1. Regina Kazlauskas, 7420, Biochemistry Technologist....	N	\$ 4 860
TRUST—U.S. PUBLIC HEALTH SERVICE 3157C3		
Account Number 55-65-48		
1. Margaret A. Baxter, 7011, Medical Technologist.....	N	\$ 4 188
TRUST—U.S. PUBLIC HEALTH SERVICE CY3551C2		
Account Number 55-65-57		
1. Marija Petravicius, 7691, Laboratory Assistant II.....	ZN48	\$ 1 614
TRUST—U.S. PUBLIC HEALTH SERVICE CS9594C1		
Account Number 55-65-61		
1. Sylvia W. Dorse, 8190, Histology Technologist.....	N	\$ 5 100
2. Marjorie M. Goodwin, 6955, Medical Technologist I.....	N	3 996
<i>Total, Trust—U.S. Public Health Service CS9594C1..</i>		<u>\$ 9 096</u>

COLLEGE OF DENTISTRY

Administration

Account Number 05-15-01		
1. Dorit Ansari, 3622, Clerk-Stenographer III.....	N	\$ 5 040
2. Madelyn J. Daly, 3580, Clerk-Stenographer III.....	N	4 950
3. Margaret M. Lahey, 3579, Administrative Secretary—		
Stenographic.....	N	7 800
4. Daniel Lyons, 5852, Storekeeper.....	N	4 980
<i>Total, Administration</i>		<u>\$22 770</u>

Postgraduate Studies

Account Number 05-15-07		
1. Arlene J. Schmale, 3584, Clerk-Stenographer III.....	N	\$ 4 320
2. Dorothy Greenhill, 3582, Secretary—Stenographic.....	N	5 820
<i>Total, Postgraduate Study.....</i>		<u>\$10 140</u>

Admitting Clinic

Account Number 05-15-10		
1. Valerie E. Gorny, 7580, Clerk II.....	N	\$ 3 480
2. Arlette Stepelton, 3586, Clerk III.....	N	4 350
3. Carolyn Peterson, 3585, Chief Clerk.....	N	6 000
<i>Total, Admitting Clinic.....</i>		<u>\$13 830</u>

Applied Materia Medica and Therapeutics

Account Number 05-15-15		
1. Mae C. Faul, 6018, Dental Assistant.....	N	\$ 4 500
2. Erica Y. Friederici, 3592, Laboratory Assistant III.....	N	4 980
3. Gwendolyn Currin, 3593, Clerk III.....	N	4 680
4. Frances C. Abraham, 3590, Secretary—Stenographic.....	N	5 310
<i>Total, Applied Materia Medica and Therapeutics.....</i>		<u>\$19 470</u>

Crowns and Fixed Partial Dentures

Account Number 05-15-20		
1. Margaret Kelley, 3599, Clerk III.....	N	\$ 4 470
2. Georgia G. Catasca, 3598, Secretary—Stenographic.....	N	4 740
<i>Total, Crowns and Fixed Partial Dentures.....</i>		<u>\$ 9 210</u>

Dental Clinics

Account Number 05-15-25

1. Dorothy M. Pillot, 7614, Dental Assistant.....	N	\$ 4 380
2. Ora Dee Grayson, 3606, Laboratory Assistant I.....	N	3 540
3. Lilly N. Henry, 6882, Laboratory Assistant I.....	N	2 988
4. Heloise L. Julian, 3604, Laboratory Assistant I.....	N	3 060
5. Annie M. Tillman, 3605, Laboratory Assistant I.....	N	3 372
6. Lucendia Williams, 3603, Laboratory Assistant I.....	N	3 060
7. Frances L. Cathcart, 3602, Cashier II.....	N	4 590
8. Betty Becola, 3587, Clerk III.....	N	4 260
9. Gustav Swanson, 3600, Senior Laboratory Mechanic.....	N	6 600
10. Frances M. McGinn, 3601, Storekeeper.....	N	4 620
<i>Total, Dental Clinics.....</i>		<u>\$40 470</u>

Full and Removable Partial Dentures

Account Number 05-15-55

1. Esther M. Granata, 3609, Laboratory Assistant II.....	N	\$ 3 624
2. —————, 3610, Clerk-Typist II.....	N	3 750
3. Adrienne McNair, 8068, Pathotechnologist.....	N	5 496
4. Adelaide R. Talbot, 3607, Secretary — Stenographic.....	N	6 270
<i>Total, Full and Removable Partial Dentures.....</i>		<u>\$19 140</u>

Histology

Account Number 05-15-60

1. Marion Thornton, 3615, Laboratory Assistant III.....	N	\$ 4 296
2. —————, 3614, Laboratory Assistant III.....	N	3 996
3. Lillian Cunningham, 3613, Clerk-Stenographer III.....	N	4 920
4. William M. Winn, 7149, Clinical Photographer.....	N	6 850
5. Patsy A. Grim, 3611, Secretary — Stenographic.....	N	5 340
6. K. V. Katele, 3612, Histology Technologist.....	N	5 628
<i>Total, Histology.....</i>		<u>\$31 030</u>

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE A3220

Account Number 55-80-50

1. Alina Skrupskelis, 8066, Laboratory Assistant II.....	N	\$ 3 540
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Operative Dentistry

Account Number 05-15-75

1. Marie S. Holoubek, 3624, Clerk III.....	N	\$ 4 530
2. Dorothy A. Gallo, 3623, Secretary — Stenographic.....	N	4 740
<i>Total, Operative Dentistry.....</i>		<u>\$ 9 270</u>

Oral and Maxillofacial Surgery

Account Number 05-15-80

1. Alice C. Machen, 3627, Dental Clinic Assistant.....	N	\$ 4 620
2. Marie V. Venture, 7526, Dental Assistant.....	N	4 380
3. Annette E. Moss, 6561, Typing Clerk II.....	N	3 540
4. Effie S. Stewart, 3625, Clerk-Stenographer III.....	N	3 440
5. Wanda L. Kohlenberg, 3626, Staff Nurse.....	N	4 680
<i>Total, Oral and Maxillofacial Surgery.....</i>		<u>\$21 660</u>

Oral Pathology

Account Number 05-15-86

1. Ludmila V. Zmeskal, Secretary — Stenographic.....	ZN50	\$ 2 550
(Total Salary)		(5 100)
2. Ludmilla Slessarew, 6599, Biochemistry Technologist.....	N	4 740
<i>Total, Oral Pathology.....</i>		<u>\$ 7 290</u>

Cooperative Investigations

TRUST—U.S. PUBLIC HEALTH SERVICE D625C2

Account Number 55-80-07

- | | | |
|--|---|----------|
| 1. Margaret Jen, 7749, Laboratory Assistant I..... | N | \$ 2 988 |
|--|---|----------|

TRUST—U.S. PUBLIC HEALTH SERVICE C3029C2

Account Number 55-80-32

- | | | |
|--|------|----------|
| 1. Victor M. Santos, 6709, Photographer I..... | N | \$ 4 500 |
| 2. Ludmila V. Zmeskal, 3632, Secretary—Stenographic..... | ZN50 | 2 550 |

<i>Total, Trust—U.S. Public Health Service C3029C2....</i>		<i>\$ 7 050</i>
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TRUST—U.S. PUBLIC HEALTH SERVICE D513C2

Account Number 55-80-37

- | | | |
|--|---|----------|
| 1. Martha M. Cabrera, 3634, Laboratory Assistant II..... | N | \$ 3 804 |
|--|---|----------|

Orthodontics

Account Number 05-15-82

- | | | |
|--|---|----------|
| 1. Shelli C. Harner, 7595, Clerk-Typist II..... | N | \$ 4 020 |
| 2. Harold Markham, 3630, Photographer II..... | N | 5 010 |
| 3. Bess H. Faust, 3628, Secretary—Stenographic..... |  | ..... |
| (On leave without pay) | | |
| 4. Eugenia S. Nocek, 3628, Secretary—Stenographic..... | N | 5 520 |

<i>Total, Orthodontics</i>		<i>\$14 550</i>
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Cooperative Investigations

TRUST—U.S. PUBLIC HEALTH SERVICE DT12C2

Account Number 55-73-07

- | | | |
|---|---|----------|
| 1. Martha J. Boas, 7106, Biochemistry Technologist..... | N | \$ 4 980 |
|---|---|----------|

Pedodontics

Account Number 05-15-88

- | | | |
|--|---|----------|
| 1. Verna S. Stieb, 3637, Dental Assistant..... | N | \$ 4 500 |
| 2. Carol L. Vavrina, 3638, Dental Assistant..... | N | 3 840 |
| 3. Pauline James, 7103, Clerk-Typist II..... | N | 3 900 |
| 4. May G. Greenaway, 3635, Clinic Nurse..... | N | 5 970 |

<i>Total, Pedodontics</i>		<i>\$18 210</i>
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Radiology

Account Number 05-15-90

- | | | |
|---|------|----------|
| 1. Lois Williams, 3642, Clerk-Typist III..... | N | \$ 4 710 |
| 2. Annette M. Matula, 3641, Dental X-ray Technician I..... | N | 3 840 |
| 3. Marion R. Meyer, Dental X-ray Technician I..... | ZN92 | 3 870 |
| (Total Salary) | | (4 200) |
| 4. Alberta Christiano, 3640, Dental X-ray Technician II.... | N | 5 670 |
| 5. J. D. Hauptfuehrer, 6386, Chief Dental X-ray Technician. | ZN93 | 7 237 |
| (Total Salary) | | (7 800) |

<i>Total, Radiology</i>		<i>\$25 327</i>
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Cooperative Investigations

TRUST—U.S. PUBLIC HEALTH SERVICE D360C3

Account Number 55-83-12

- | | | |
|---|-----|--------|
| 1. Marion R. Meyer, 8131, Dental X-ray Technician I..... | ZN8 | \$ 330 |
| 2. J. D. Hauptfuehrer, 6386, Chief Dental X-ray Technician. | ZN7 | 593 |
| 3. Julian Alvarez, 7237, Biochemistry Technologist..... | N | 5 364 |

<i>Total, Trust—U.S. Public Health Service D360C3.....</i>		<i>\$ 6 257</i>
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COLLEGE OF PHARMACY**Administration**

Account Number 05-18-05

- | | | |
|--|---|----------|
| 1. Yolanda L. Pachorek, 3648, Clerk III..... | N | \$ 4 320 |
| 2. Emma E. Trojanek, 3646, Chief Clerk..... | N | 5 190 |
| 3. John N. Johnson, 7930, Messenger..... | N | 3 600 |
| 4. Sally E. Jurinek, 3645, Secretary—Stenographic..... | N | 5 250 |
| 5. Violet Klettka, 3647, Secretary—Stenographic..... | N | 6 150 |

<i>Total, Administration</i>		<i>\$24 510</i>
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Chemistry

Account Number 05-18-10

1. Sondra D. Lawson, 6004, Clerk-Stenographer III.....	N	\$ 4 290
2. Jean S. Filip, 3650, Secretary — Stenographic.....	N	5 100
3. Andrew Burger, 3654, Storekeeper.....	N	4 980
4. Carl A. Voelker, 6019, Storekeeper.....	N	4 092
5. Clifton Williams, 3657, Storekeeper.....	N	4 092
<i>Total, Chemistry</i>		<u>\$22 554</u>

Pharmacognosy and Pharmacology

Account Number 05-18-15

1. Jose G. Bueno, 3653, Laboratory Assistant III.....	N	\$ 4 296
2. Karen A. Sandercock, 3649, Clerk-Stenographer II.....	N	3 600
3. Bobbie J. Little, 6003, Clerk-Stenographer III.....	N	4 440
4. Henry F. Luethje, 3652, Farm Foreman.....	NS	6 100
5. Lee A. Sawyer, 3655, Storekeeper.....	N	4 740
<i>Total, Pharmacognosy and Pharmacology</i>		<u>\$23 176</u>

Pharmacy

Account Number 05-18-20

1. Janis Zaube, 6016, Laboratory Assistant III.....	N	\$ 4 092
2. Charlotte E. Buck, 6005, Clerk-Stenographer III.....	N	4 620
3. G. Jean Oder, 3651, Clerk-Typist III.....	N	4 260
4. Theodore Mayer, 6017, Storekeeper.....	N	4 188
<i>Total, Pharmacy</i>		<u>\$17 160</u>

Stores — Hospital Pharmacy

Account Number 15-05-25

1. J. Stefanovich, 6722, Laboratory Assistant I.....	NS	\$ 3 540
2. Samuel H. White, 8118, Laboratory Assistant I.....	NS	3 364
3. James W. Jackson, 7850, Stores Clerk.....	NS	3 960
4. Monica Konjevich, 3659, Clerk-Typist II.....	N	4 200
5. Frank E. Gorski, 3660, Storekeeper.....	NS	5 472
6. Samuel L. Gibbons, 5858, Manufacturing Pharmacy Technician.....	NS	4 800
<i>Total, Stores — Hospital Pharmacy</i>		<u>\$25 336</u>

Stores — Illinois Eye and Ear Infirmary Pharmacy

Account Number 15-05-28

1. John L. Battersby, 3662, Stores Clerk.....	NS	\$ 4 500
<i>Total, Stores — Illinois Eye and Ear Infirmary Pharmacy</i>		<u>\$ 4 500</u>

GRADUATE COLLEGE**Administration**

Account Number 05-19-05

1. Margaret M. Mayer, 3369, Secretary — Stenographic.....	N	\$ 5 880
<i>Total, Administration</i>		<u>\$ 5 880</u>

Indirect Costs — Graduate College

Account Number 56-90-05

1. Dorothy M. Walker, Clerk-Typist III.....	ZN50	\$ 2 130
(Total Salary)		(4 290)
<i>Total, Indirect Costs — Graduate College</i>		<u>\$ 2 130</u>

COLLEGE OF NURSING

Account Number 05-21-05

1. Dorothy E. Goodman, 7542, Clerk-Stenographer II.....	N	\$ 4 320
2. Luvenia Hooks, 3668, Clerk-Typist II.....	N	3 660
3. ———, 3666, Clerk-Typist II.....	N	3 900
4. ———, 3672, Secretary — Stenographic.....	N	6 000
<i>Total, College of Nursing</i>		<u>\$17 880</u>

BROADCASTING

Account Number 05-22-05

1. Roberta Spunt, 6672, Clerk-Typist III.....	N	\$ 4 590
2. Alfred E. Partridge, 6483, Radio Station Supervisor of Educational Programs	N	8 850
3. Barbara J. Jipson, 6753, Television Writer-Producer.....	N	6 300
<i>Total, Broadcasting</i>		<u>\$19 740</u>

DIVISION OF SERVICES FOR CRIPPLED CHILDREN

State

Account Number 05-23-05

1. Roland E. Zook, 0098, Research Analyst.....	N	\$ 9 200
2. Annabel Osby, Personnel Assistant II.....	N	6 060
3. Dorothy Dukett, 0029, Chief Clerk.....	N	5 370
4. Pauline M. Klarich, 5556, Chief Clerk.....	N	5 100
5. Sophie B. Mueller, 0031, Chief Clerk.....	N	4 350
6. Sylvia Bloomquist, 0038, Clerk-Stenographer III.....	N	4 920
7. Hilda H. Sullivan, 5372, Clerk-Stenographer III.....	N	4 440
8. Juanita Brockman, 0061, Clerk-Typist III.....	N	4 470
9. Henrietta Marlowe, 0132, Clerk-Typist III.....	N	4 260
10. Mayme Riva, 0067, Clerk-Typist III.....	N	4 530
11. Catherine F. Lott, 0102, Medical Social Consultant.....	N	7 500
12. Elizabeth K. Moffit, 8040, Medical Social Consultant.....	N	7 080
13. Marion V. Smith, 0101, Medical Social Consultant.....	N	8 010
14. Dorothy L. Treiber, 6786, Medical Social Consultant.....	N	7 140
15. _____, 0025, Medical Social Consultant.....	N	7 260
16. Grace F. Borah, 0014, Nursing Consultant.....	N	6 450
17. Frances L. Crites, 0011, Nursing Consultant	N	6 990
18. Gladys C. Gibbons, 0015, Nursing Consultant.....	N	6 930
19. Irene A. Gregg, 0012, Nursing Consultant.....	N	6 210
20. Madeline Groesch, 0016, Nursing Consultant.....	N	6 870
21. Mary E. Higgins, 0021, Nursing Consultant.....	N	7 260
22. Evelyn M. Kuehnle, 0022, Nursing Consultant.....	N	6 960
23. Josephine Remley, 0017, Nursing Consultant.....	N	7 260
24. Geneva M. Theis, 0018, Nursing Consultant.....	N	6 630
25. Vera M. Vatthauer, 0020, Nursing Consultant.....	N	7 170
26. Marie L. Czwilinski, 0005, Orthopaedic Nursing Consultant.....	N	7 470
27. Margaret Duffy, 0019, Orthopaedic Nursing Consultant...	N	7 560
28. Minna M. Hildebrand, 5296, Orthopaedic Nursing Consultant.....	N	7 440
29. Jean A. Sciora, 0006, Orthopaedic Nursing Consultant....	N	7 620
30. Myrtle E. Swanson, 0009, Orthopaedic Nursing Consultant	N	7 440
31. Irene R. Donohue, 0108, Speech and Hearing Consultant..	N	7 590
32. Evelyn M. Green, 0107, Speech and Hearing Consultant..	N	7 560
33. Kathleen F. Gunn, 6491, Speech and Hearing Consultant..	N	7 440
34. Burdette Thurman, 0110, Speech and Hearing Consultant..	N	7 300
35. Catherine Woods, 0109, Speech and Hearing Consultant..	N	7 440
36. James J. Thompson, 0094, Janitor.....	N	3 780
37. Freda M. Hicks, 0099, Office Manager.....	N	8 760
38. Robert G. Summers, 0097, Personnel Officer II.....	N	7 500
39. Helen Culbertson, 0027, Secretary—Stenographic.....	N	6 450
40. Zoe Hall, 0100, Supervisor of Medical Social Service.....	N	9 750
41. Hedwig B. Trauba, 0001, Supervisor of Nursing Service..	N	9 750
42. Mary D. Ford, 0105, Assistant Supervisor of Nursing Service.....	N	8 640
43. Marjorie E. Gibson, 0002, Assistant Supervisor of Nursing Service.....	N	9 360
44. Jeannette Frasier, 0106, Supervisor of Speech and Hearing Service.....	N	9 750
<i>Total, State</i>		<u>\$307 020</u>

Business Office

Account Number 05-23-10

1. Lean C. Ryan, 0114, Accountant II.....	N	\$ 7 000
2. William R. Hinds, Accounting Clerk II.....	N	5 040
3. Addalein C. Hawk, 7153, Chief Clerk.....	N	5 340
4. Magdalen Krmelj, 0035, Clerk-Stenographer III.....	N	4 800
5. Harriett V. Sackman, 0073, Clerk-Typist II.....	N	3 600
<i>Total, Business Office.....</i>		<u>\$25 780</u>

Federal

Account Number 53-23-05

1. Lee F. Osborn, Jr., 5804, Cleft Palate Technical Assistant.....	N	\$ 6 950
2. Edith E. Kimmons, 0034, Clerk II.....	N	3 180
3. Shirley Matthews, 0124, Clerk II.....	N	3 210
4. Lynne E. Rosecrans, 0090, Clerk II.....	N	3 660
5. Marlene N. Stein, 6053, Clerk II.....	N	2 820
6. Donna J. Thomas, 5041, Clerk II.....	N	3 210
7. ———, 0091, Clerk II.....	N	3 000
8. Georgene P. Young, 0066, Clerk II.....	N	3 150
9. Catherine H. Casey, 0063, Clerk III.....	N	4 140
10. Irene I. Cott, 0081, Clerk III.....	N	4 350
11. ———, 5796, Accounting Clerk I.....	N	3 180
12. Ann M. Shean, 0083, Chief Clerk.....	N	4 590
13. ———, 0125, Stores Clerk.....	N	3 120
14. Marian Bailey, 0087, Typing Clerk III.....	N	3 810
15. Carol A. Diekemper, 0046, Clerk-Stenographer II.....	N	2 880
16. Patricia A. Abbott, 0057, Clerk-Stenographer III.....	N	3 960
17. Sharon I. Bath, 0123, Clerk-Stenographer III.....	N	3 690
18. Marcella Doddillet, 0056, Clerk-Stenographer III.....	N	3 510
19. M. Louise Emerson, 5295, Clerk-Stenographer III.....	N	3 810
20. Dorothy J. Forrest, 0078, Clerk-Stenographer III.....	N	3 900
21. Helen G. Hancock, 0050, Clerk-Stenographer III.....	N	3 930
22. Lamona H. Jeff, 0033, Clerk-Stenographer III.....	N	4 140
23. Virginia M. Jones, 0051, Clerk-Stenographer III.....	N	3 960
24. Dolores M. Koenig, 5571, Clerk-Stenographer III.....	N	4 920
25. Clarice N. Mauney, 0039, Clerk-Stenographer III.....	N	4 560
26. Dixie J. McGuire, 0068, Clerk-Stenographer III.....	N	3 540
27. Doris Murrell, 0115, Clerk-Stenographer III.....	N	4 560
28. Joan S. O'Neill, 0052, Clerk-Stenographer III.....	N	4 530
29. Mayre R. Palmer, 0042, Clerk-Stenographer III.....	N	4 380
30. Bonita Pavelonis, 0055, Clerk-Stenographer III.....	N	4 020
31. Jeanette E. Radant, 0044, Clerk-Stenographer III.....	N	3 600
32. Georgia E. Rose, 5244, Clerk-Stenographer III.....	N	3 900
33. Pauline R. Sunbom, 0119, Clerk-Stenographer III.....	N	3 780
34. ———, 6245, Clerk-Stenographer III.....	N	4 200
35. Mildred B. Zverow, 0116, Clerk-Stenographer III.....	N ⁴⁰	2 160
36. Suzanne M. Bolgar, 0071, Clerk-Typist II.....	N	3 360
37. Sandra Kay Clark, 5248, Clerk-Typist II.....	N	2 670
38. Dorothy L. Girdler, 0084, Clerk-Typist II.....	N	3 060
39. Anne Gray, Clerk-Typist II.....	N	3 690
40. Betty J. Sharp, Clerk-Typist II.....	N	2 820
41. Delores J. Solomon, 5289, Clerk-Typist II.....	N	3 240
42. Gloria A. Stuemke, 5192, Clerk-Typist II.....	N	3 210
43. ———, 0121, Clerk-Typist II.....	N	3 420
44. ———, 0062, Clerk-Typist II.....	N	3 300
45. Mary E. Anderson, 7019, Clerk-Typist III.....	N ⁸⁰	4 560
46. Helen L. Bottoms, 0041, Clerk-Typist III.....	N	4 260
47. Mary Ann Bruss, 0059, Clerk-Typist III.....	N	4 260
48. Ella B. Johnson, 0047, Clerk-Typist III.....	N	4 560
49. Georgiana E. Long, 0048, Clerk-Typist III.....	N	3 300
50. Dorothy McCullough, 0060, Clerk-Typist III.....	N	4 020
51. Marie J. Moore, 0117, Clerk-Typist III.....	N	4 020

52. Renate Spiegel, 0120, Clerk-Typist III.....	N50	1 905
53. Patricia A. Willhoit, 0036, Clerk-Typist III.....	N	3 960
54. Elizabeth J. Bailess, 0103, Medical Social Consultant.....	N	5 910
55. Mildred A. Bomba, 0024, Medical Social Consultant.....	N	6 700
56. Eugenia Waechter, 0008, Nursing Consultant.....	N	7 020
57. ———, 0003, Orthopaedic Nursing Consultant.....	N	6 000
58. John G. Cikas, Building Custodian.....	N	4 920
59. Eunice G. Levander, 4892, Clinic Nurse.....	N80	5 040
60. Donnie R. Thomas, 0088, Duplicating Machine Operator III (On military leave without pay)	N	4 020
61. William E. Drake, 6038, Tabulating Machine Operator II	N	3 780
62. Miho T. Hoyer, 0134, Secretary — Stenographic.....	N	5 550
63. Stella Friedman, 0026, Office Supervisor.....	N	6 420
<i>Total, Federal</i>		\$253 875

Business Office

Account Number 53-23-10

1. Colleen R. Votsmier, 0072, Clerk-Typist II.....	N	\$ 3 240
2. ———, 0076, Clerk-Typist II.....	N	2 640
3. Irene B. Stauffer, 0080, Clerk-Typist III.....	N	3 960
4. Linda Sue Ames, Card Punch Operator II.....	N	3 480
<i>Total, Business Office</i>		\$13 320

PHYSICAL EDUCATION**Physical Education for Men**

Account Number 05-24-05

1. Thomas E. Ziroli, 3678, Men's Locker Room Attendant... N	\$ 4 800
<i>Total, Physical Education for Men</i>	\$ 4 800

AEROMEDICAL LABORATORY

Account Number 05-25-05

1. John Hansen, 3681, Laboratory Operating Engineer.....	P	\$ 7 475
2. Minnie Schneider, 3682, Secretary — Stenographic.....	N	6 300
3. William Kadetz, 3680, Supervisor of Mechanical, Electrical, and Electronic Equipment.....	N	9 000
4. Irena Kairys, 7280, Electron Microscope Technician.....	N	5 400
5. Bradley Anderson, Instrument and Measurement Technician I	N	4 188
<i>Total, Aeromedical Laboratory</i>		\$32 363

INSTITUTION FOR TUBERCULOSIS RESEARCH

Account Number 03-26-10

1. Vita Baleisis, 3692, Laboratory Assistant I.....	N	\$ 3 132
2. Zylphia W. Bruder, 3695, Laboratory Assistant I.....	N56	1 801
3. Brone Repeika, 7405, Laboratory Assistant I.....	N	2 988
4. ———, 8003, Laboratory Assistant I.....	N73	2 158
5. Nijole R. Raisys, 7018, Laboratory Assistant II.....	N	3 540
6. Aldon C. Kelly, Animal Caretaker I.....	ZN50	1 770
(Total Salary)		(3 540)
7. Margaret G. Thorne, 3689, Clerk III.....	N40	1 775
8. Carol W. Belew, 5906, Clerk-Stenographer II.....	N47	1 771
9. James E. P. Libby, 3690, Statistician II.....	N	5 200
10. Robert M. Bechtle, 7729, Chief Medical Technologist....	N	7 800
<i>Total, Institution for Tuberculosis Research</i>		\$31 935

Cooperative Investigations

TRUST — U.S. TASK ORDER II

Account Number 55-90-20

1. Joseph J. Dressel, 7765, Laboratory Program Administrative Assistant	N44	\$ 2 520
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TRUST — U.S. ATOMIC ENERGY COMMISSION PROJECT 706

Account Number 55-90-30

1. Aldon C. Kelly, Animal Caretaker I..... ZN50 \$ 1 770

RESEARCH AND EDUCATIONAL HOSPITALS**Administration**

Account Number 05-27-05

1. Carl T. Heinze, 3696, Assistant Administrator of Research and Educational Hospitals.....	N	\$10 200
2. _____, 8117, Cashier I.....	N	3 480
3. Mary V. Munizzo, 3705, Cashier II.....	N	4 320
4. William E. Hewett, 4924, Clerk II.....	N	3 780
5. Edna C. Kelleher, 3712, Clerk II.....	N	3 900
6. Dorothy C. Neary, 3709, Clerk III.....	N	3 900
7. Herbert A. Repp, 4966, Clerk III.....	N	3 900
8. Olga Swistek, 4967, Clerk III.....	N	4 200
9. _____, 7743, Clerk III.....	N	3 780
10. Veronica Kavanagh, 3706, Chief Clerk.....	N	5 310
11. Claudette Michalec, 7375, Clerk-Stenographer III.....	N	4 800
12. Deni Hogan, Clerk-Typist I.....	N	3 540
13. S. A. Dearnbarger, 7886, Clerk-Typist II.....	N	3 840
14. Charlotte Newsome, 3699, Clerk-Typist II.....	N	3 660
15. Esther Karl, 3704, Clerk-Typist III.....	N	4 800
16. Judith L. Monsen, 6138, Clerk-Typist III.....	N	4 020
17. Jean L. Rath, 3701, Clerk-Typist III.....	N	4 260
18. _____, 6389, Clerk-Typist III.....	N	3 960
19. Luella Hunter, 3703, Bookkeeping Machine Operator I... N		3 780
20. Jerilyn Wells, 7152, Bookkeeping Machine Operator I... N		3 480
21. Mary E. Keating, 3698, Secretary — Stenographic..... N		6 300
22. Mary Ellen Maloney, 3350, Administrative Secretary — Stenographic..... N		7 360
23. Daniel P. Conforti, 7824, Inventory Supervisor..... N		5 100
24. Doris E. Dahl, 7268, Supervisor of Credit Collections..... N		6 780
<i>Total, Administration</i>		<u>\$112 450</u>

Admissions

Account Number 05-27-10

1. Ida Damore, 3732, Clerk II.....	N	\$ 3 780
2. Josie Mitchell, 3948, Clerk II.....	N	3 780
3. Florence Hellmuth, 3733, Clerk-Typist II.....	N	3 750
4. Avusa M. Washington, 3731, Clerk-Typist II.....	N	3 780
5. Margaret A. Aydt, 3729, Admitting Officer.....	N	3 840
6. Mary C. Berardi, Admitting Officer.....	N	3 750
(Perquisites Employee — one meal)		
7. Dolores M. Daily, 5759, Admitting Officer.....	N	4 050
8. Ruth Enger, 3728, Admitting Officer.....	N	4 710
9. Marjorie Hennings, 6115, Admitting Officer.....	N	4 020
10. Barbara Josephson, 8004, Admitting Officer.....	N	3 840
11. Florence Marken, 3726, Admitting Officer.....	N	3 840
12. Catherine Redmond, 3725, Admitting Officer.....	N	3 960
13. Mary Saturnino, 3727, Admitting Officer.....	N	4 230
14. _____, Admitting Officer.....	N	3 780
15. Marie J. Zullo, 6100, Admitting Officer.....	N	3 840
16. Ann P. Knipper, 3723, Chief Admitting Officer.....	N	5 970
<i>Total, Admissions</i>		<u>\$64 920</u>

Anesthesiology

Account Number 05-27-12

1. Theodore R. London, 5590, Anesthesia-Inhalation Therapy Technician.....	N	\$ 4 680
2. Evander W. Maclin, 7053, Anesthesia-Inhalation Therapy Technician.....	N	5 040
3. _____, Anesthesia-Inhalation Therapy Technician.. N		4 120
<i>Total, Anesthesiology</i>		<u>\$13 840</u>

Central Supply

Account Number 05-27-15

1. John Bettinardi, 3739, Laboratory Assistant III.....	N	\$ 4 980
2. Nettie Croom, 5043, Supply Attendant.....	N	3 540
3. Helen Dickerson, 6917, Supply Attendant.....	N	3 132
4. Essie Mae Goss, 5760, Supply Attendant.....	N	3 456
5. Vera Green, 3743, Supply Attendant.....	N	3 288
6. Esther Jenkins, 5995, Supply Attendant.....	N	3 540
7. Beulah M. Jones, 5515, Supply Attendant.....	N	3 456
8. Odessa Maclin, 5824, Supply Attendant.....	N	3 060
9. Grace M. Marcatante, 6234, Supply Attendant.....	N	3 540
10. Lola Marsh, 5810, Supply Attendant.....	N	3 540
11. Emma L. McClinton, 3742, Supply Attendant.....	N	3 540
12. Leota B. Minor, 6084, Supply Attendant.....	N	3 456
13. Estella Montgomery, 5885, Supply Attendant.....	N	3 540
14. Eva L. Pass, 6858, Supply Attendant.....	N	3 132
15. Julia Sechter, 3744, Supply Attendant.....	N	3 540
16. Annie Thomas, 6710, Supply Attendant.....	N	3 216
17. Della F. Stone, 5792, Typing Clerk II.....	N	3 480
18. Helen Waichulis, 4503, Surgical Dressing Maker.....		.....
(On leave without pay)		
19. Mary Mitch, Head Nurse.....	N	5 040
(Perquisites Employee — two meals and room; University — one meal)		(780)
20. ———, 3741, Staff Nurse.....	N	4 780
21. Iris Hill, Supervising Nurse.....	N	6 960
(Perquisites University — one meal)		
Total, Central Supply.....		\$76 216

Clinics

Account Number 05-27-20

1. Sandra Braghini, 3783, Clerk I.....	N	\$ 3 360
2. Linda L. Bickart, 3778, Clerk II.....	N	3 600
3. Pearlina Crosby, 3780, Clerk II.....	N	3 540
4. Willie M. Marshall, 3781, Clerk II.....	N	3 540
5. Elizabeth Menendez, 3779, Clerk II.....	N	3 540
6. Mildred Nicholas, 3786, Clerk II.....	N	4 140
7. Irma T. Payne, 5560, Clerk II.....	N	3 540
8. Annie M. Rhodes, 3784, Clerk II.....	N	3 900
9. Mary Maher, 3777, Clerk III.....	N	3 900
10. ———, Clerk III.....	N	3 600
11. Catherine Brennan, 5702, Typing Clerk II.....	N	3 780
12. Beverly J. Brown, 6139, Typing Clerk II.....	N	3 540
13. Yvette C. Dixon, 6103, Typing Clerk II.....	N	3 540
14. Ruth A. Goldsmith, 6370, Typing Clerk II.....	N	3 720
15. Esther H. Johnson, 3785, Typing Clerk II.....	N	3 900
16. Lillian M. Talley, 3782, Typing Clerk II.....	N	3 540
17. Shirley M. Poupa, 3434, Clerk-Stenographer III.....	N	4 200
18. Dorothy E. Varnadoe, 6896, Clerk-Stenographer III.....	N	4 620
19. Florence T. Wichert, 3573, Clerk-Stenographer III.....	N	5 340
20. ———, 6369, Clerk-Typist II.....	N	3 660
21. Bernadette A. Jaros, 6878, Clerk-Typist III.....	N	3 900
22. Rosemary Wolf, 3776, Clerk-Typist III.....	N	4 230
23. Ida M. Smith, Assistant Director of Nursing.....	N	7 170
(Perquisites University — one meal)		
24. Gretchen A. Osgood, Associate Director of Nursing.....	N	7 890
(Perquisites University — one meal)		
25. Victoria Barry, 3763, Clinic Nurse.....	N	5 670
26. Katherine Beyenka, Clinic Nurse.....	N	5 730
(Perquisites University — one meal)		
27. Lois L. Bonham, Clinic Nurse.....	N	4 920
(Perquisites University — one meal)		
(On leave without pay)		

28. Frances Lehmann, Clinic Nurse.....	N	5 760
(Perquisites University — one meal)		
29. Clarice E. Marriott, Clinic Nurse.....	N	5 970
(Perquisites University — one meal)		
30. Jean McCallum, Clinic Nurse.....	N	5 370
(Perquisites University — one meal)		
31. Smilja Pokrajac, Clinic Nurse.....	N	5 970
(Perquisites University — one meal)		
32. Edith Ramsey, Clinic Nurse.....	N	6 030
(Perquisites University — one meal)		
33. Eva Ramsey, Clinic Nurse.....	N	6 030
(Perquisites University — one meal)		
34. ———, 3752, Head Nurse.....	N	5 400
35. Gladys E. Block, Staff Nurse.....	N	5 010
(Perquisites University — one meal)		
36. Annette Caracello, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
37. Marian C. Frick, Staff Nurse.....	N	4 950
(Perquisites University — one meal)		
38. Betty J. Gray, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
39. Joan T. Harper, Staff Nurse.....	N	4 650
(Perquisites University — one meal)		
40. Nancy S. Harrington, Staff Nurse.....	N	5 040
(Perquisites University — one meal)		
41. Ardith J. Hubbard, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
42. Joan A. Kimmey, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
43. Alma E. Kline, Staff Nurse.....	N	4 950
(Perquisites University — one meal)		
44. Mary C. Mallon, Staff Nurse.....	N	5 100
(Perquisites University — one meal)		
45. Carrie H. Manley, Staff Nurse.....	N	4 740
(Perquisites University — one meal)		
46. Antoinette Mazaneo, Staff Nurse.....	N	5 010
(Perquisites University — one meal)		
47. Mary M. McGough, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
48. ———, Staff Nurse.....	N	4 380
(Perquisites University — one meal)		
49. Joyce A. Zarcone, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
50. Vera Dexheimer, Supervising Nurse.....	N	6 150
(Perquisites University — one meal)		
51. Mary LoCicero, Supervising Nurse.....	N	6 420
(Perquisites University — one meal)		
52. Kathryn L. McGann, 3766, Supervising Nurse.....	N	6 600
53. Bernice J. Bernhart, 3775, Secretary — Stenographic.....	N	6 600
54. John Lardner, Supervisor of Urology Clinic.....	N	5 340
(Perquisites University — one meal)		
(On leave without pay)		
55. ———, 7871, Medical Typist.....	N	4 140
<i>Total, Clinics</i>		\$264 330

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE 630 C8

Account Number 55-65-15

I. Marsha Ruth Harris, 3577, Staff Nurse.....	N	\$ 4 650
(Perquisites University — one meal)		

Dietetics

Account Number 05-27-25

1. Charlie Perkins, 7439, Clerk II.....	N	\$ 3 630
2. —————, 3805, Clerk-Stenographer III.....	N	4 200
3. K. L. Kranzfelder, 3813, Clerk-Typist I.....	N	3 300
4. Betty A. Stone, 3806, Clerk-Typist III.....	N	4 140
5. Mary Diane Giswold, Dietitian.....	N	4 980
(Perquisites University — one meal)		
6. Rosemary Gleason, Dietitian.....	N	5 520
(Perquisites University — one meal)		
7. Ann T. Gorman, Dietitian.....	N	6 000
(Perquisites University — one meal)		
8. Gladys A. Johnson, Dietitian.....	N	5 520
(Perquisites University — one meal)		
9. Mary Alice Johnson, Dietitian.....	N	6 000
(Perquisites University — one meal)		
10. Beata A. Link, Dietitian.....	N	5 370
(Perquisites University — one meal)		
11. Barbara Stone, Dietitian.....	N	5 280
(Perquisites University — one meal)		
12. Mary J. Trimble, Dietitian.....	N	5 520
(Perquisites University — one meal)		
13. Mary Lou Van Dyke, Dietitian.....	N	5 610
(Perquisites University — one meal)		
14. —————, Dietitian.....	N	6 000
(Perquisites University — one meal)		
15. —————, Dietitian.....	N	4 800
(Perquisites University — one meal)		
16. Bernita A. Youngs, Dietitian.....	N	5 520
(Perquisites University — one meal)		
17. Alpha Q. Stine, Director of Dietary Service.....	N	9 000
(Perquisites University — one meal)		
18. Mary C. Beckers, Assistant Director of Dietary Service..	N	7 000
(Perquisites University — one meal)		
19. —————, Assistant Food Production Manager.....	N	5 100
(Perquisites University — one meal)		
20. L. A. Crisologo, Food Service Supervisor.....	N	4 800
(Perquisites University — one meal)		
21. —————, Food Service Supervisor.....	N	4 800
(Perquisites University — one meal)		
Total, Dietetics		\$112 090

Emergency Service

Account Number 05-27-27

1. Arthur Dimschultz, 3707, Clerk III.....	.....
(On leave without pay)		
2. Henry Mueller, 3707, Clerk III.....	N	\$ 4 440
3. Avis Abbey, 6477, Typing Clerk II.....	N	3 660
4. Clara O. Loesch, Head Nurse.....	N	6 180
(Perquisites University — one meal)		
5. Ella B. Delaney, Licensed Practical Nurse.....	N	3 330
(Perquisites University — one meal)		
6. Helene Janson, Licensed Practical Nurse.....	N	2 910
(Perquisites Employee — two meals and room; University — one meal)		
		(780)
7. Ethel H. Roberts, 6305, Licensed Practical Nurse.....	N	3 810
8. June M. Matasic, Staff Nurse.....	N	5 010
(Perquisites University — one meal)		
9. Jean C. Ricardi, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
10. Jerlena M. Vinson, Staff Nurse.....	N	5 040
(Perquisites University — one meal)		
11. Noreta J. White, Staff Nurse.....	N	4 530
(Perquisites University — one meal)		

12. —————, Staff Nurse.....	N	4 650
(Perquisites University — one meal)		
13. Helen Lane, Supervising Nurse.....	N	6 960
(Perquisites University — one meal)		
Total, Emergency Service.....		<u>\$55 290</u>

Laboratory

Account Number 05-27-30

1. Hershel G. Baker, 3896, Hospital Laboratory Technical Assistant.....	N	\$ 7 710
2. Mozella T. Edwards, 7825, Laboratory Assistant I.....	N	2 916
3. Rosabelle Perry, 5075, Laboratory Assistant I.....	N	3 216
4. Essie Lee Walton, 6237, Laboratory Assistant I.....	N	3 540
5. Lucille Hoff, 3919, Laboratory Assistant II.....	N	4 188
6. Hinda Shamberg, 6865, Laboratory Assistant II.....	N	3 288
7. Vivian A. Turner, 3930, Laboratory Assistant II.....	N	3 720
8. Maida M. Osaki, 5884, Chief Clerk.....	N	5 340
9. Ludmilla Asamat, 6641, Typing Clerk II.....	N	3 960
10. Naomi A. Harks, 6986, Clerk-Stenographer II.....	N	4 020
11. Anne C. Numoff, 3922, Clerk-Stenographer III.....	N	4 860
12. Helen Vincent, 6617, Clerk-Typist II.....	N	3 900
13. James T. Zembron, 8014, Clerk-Typist II.....	N	3 840
14. Maria Andreeff, 3910, Biochemistry Technologist.....	N	4 740
15. Fumi Ichiba, 5338, Biochemistry Technologist.....	N	5 100
16. V. T. Jurkunas, 3908, Biochemistry Technologist.....	N	4 740
17. Ethelle Katz, 6057, Biochemistry Technologist.....	N	5 100
18. Jeanne F. Miller, 3898, Biochemistry Technologist.....	N	6 060
19. Catherine Nobe, 3900, Biochemistry Technologist.....	N	6 204
20. Lilla M. Perry, 3911, Biochemistry Technologist.....	N	4 740
21. Louise V. Atkinson, 3932, Hematology Technologist.....	N	4 740
22. Bonita G. Hanson, 6866, Hematology Technologist.....	N	5 364
23. Pola M. Rokicki, 3907, Hematology Technologist.....	N	4 620
24. LaVerne J. Vetting, 3904, Hematology Technologist.....	N	5 364
25. Henry A. Woodson, Jr., 3928, Hematology Technologist..	N	5 364
26. —————, Hematology Technologist.....	N	4 824
27. Wilma L. Benson, 6773, Medical Technologist I.....	N	4 188
28. Hattie L. Borom, 6394, Medical Technologist I.....	N	4 512
29. Juanita De La Pas, 7658, Medical Technologist I.....	N	4 092
30. Shirley L. Fannin, 3917, Medical Technologist I.....	N	4 296
31. Joanne F. Francel, 3912, Medical Technologist I.....	N	4 296
32. Wilhelmina Garner, 6262, Medical Technologist I.....	N	4 296
33. Elvira A. Jeffries, 3916, Medical Technologist I.....	N	3 996
34. Louise Kopoleff, 3914, Medical Technologist I.....	N	4 092
35. Hazel Livingston, 5161, Medical Technologist I.....	N	4 296
36. Florence P. Perkins, 7673, Medical Technologist I.....	N	4 512
37. Agnes Shieh, 3901, Medical Technologist I.....	N	4 404
38. Augusta M. Wilson, 7818, Medical Technologist I.....	N	4 296
39. Virginia C. Wilson, 3909, Medical Technologist I.....	N	3 996
40. Darlene Wunderlich, 7117, Medical Technologist I.....	N	4 980
41. —————, 3923, Medical Technologist I.....	N	3 900
42. —————, 3906, Medical Technologist I.....	N	4 188
43. —————, 3933, Medical Technologist I.....	N	3 996
44. —————, 3913, Medical Technologist I.....	N	4 188
45. Vincent E. Baginski, 3927, Chief Medical Technologist..	N	7 800
46. Thelma M. Garvin, 3915, Chief Medical Technologist....	N	7 680
47. Mary P. Turner, 3899, Chief Medical Technologist.....	N	7 800
48. Aldona Avizienis, 3903, Microbiology Technologist (Trainee).....	N	4 512
49. Elizabeth J. Bond, 3902, Microbiology Technologist.....	N	5 772
50. Mary V. Donahue, 3897, Microbiology Technologist.....	N	6 204
51. Robert A. Wiatr, 6056, Microbiology Technologist.....	N	4 860
Total, Laboratory		<u>\$242 610</u>

Medical Records**Account Number 05-27-40**

1. Geraldine M. Rainey, 3965, Clerk I.....	N	\$ 3 150
2. Maudie Williams, 3955, Clerk I.....	N	3 150
3. ———, Clerk I.....	N	3 240
4. Mable Y. Boose, 3959, Clerk II.....	N	3 360
5. Faith C. Charles, 3953, Clerk II.....	N	3 300
6. Amy E. Greer, 3962, Clerk II.....	N	3 570
7. Eva A. Hamilton, 6296, Clerk II.....	N	3 660
8. Shirley M. Lowery, 5636, Clerk II.....	N	3 810
9. Marian Florio, 3950, Clerk III.....	N	3 900
10. Grace Muzzall, 5905, Clerk III.....	N	4 050
11. Gloria D. Norman, 6331, Clerk III.....	N	4 530
12. Mary Lou Reader, 3949, Clerk III.....	N	4 050
13. Eulacie G. Rowan, 3964, Clerk III.....	N	4 350
14. Nell Hall, 3947, Chief Clerk.....	N	5 100
15. Connie A. Meyer, 6127, Typing Clerk II.....	N	3 000
16. Hans Monaster, 3961, Typing Clerk III.....	N	4 200
17. Marilyn J. Strasser, 5883, Clerk-Stenographer III.....	N	4 500
18. Catherine Carollo, 7085, Clerk-Typist II.....	N	3 660
19. Ann S. Rapp, 3960, Clerk-Typist II.....	N	4 020
20. Helen S. Coles, 6043, Medical Record Librarian.....	N	5 580
21. Rita M. Finnegan, 3951, Medical Record Librarian.....	N	6 000
22. Jolene A. Nyberg, 7848, Medical Record Librarian.....	N	5 100
23. ———, 6965, Medical Record Librarian.....	N	4 500
24. Dorothy V. Dunne, 3941, Chief Medical Record Librarian.....	N	8 000
25. William O. Burton, 6151, Messenger.....	N	3 600
(On military leave without pay)		
26. Lawrence Richmond, 6150, Messenger.....	N	3 900
27. Mildred M. Evans, 6463, Secretary — Transcribing.....	N	5 250
28. Christine Hamby, 6725, Medical Typist.....	N	4 800
29. Lillie E. McElroy, 6724, Medical Typist.....	N	4 200
30. R. Jane Thompson, 7858, Medical Typist.....	N	4 200
31. Cora C. Williams, 7504, Medical Typist.....	N	4 200
32. ———, 6562, Medical Typist.....	N	4 200
<i>Total, Medical Records.....</i>		<i>\$136 790</i>

Medicine**Account Number 05-27-42**

1. Wanda Machnach, 6883, Laboratory Assistant III.....	N80	\$ 3 698
2. ———, Electrocardiographic Technician I.....	N	4 080
3. ———, 5742, Electrocardiographic Technician I.....	N	3 600
4. Sallyann Graham, 5814, Electrocardiographic Technician II.....	N	4 080
<i>Total, Medicine.....</i>		<i>\$15 458</i>

Nursing**Illinois Eye and Ear Infirmary****Account Number 05-27-44**

1. Juanita Echols, 5186, Typing Clerk II.....	N	\$ 3 780
2. Barbara P. Mason, 6637, Typing Clerk II.....	N	3 540
3. Sally M. Stewart, 7419, Typing Clerk II.....	N	3 480
4. Mattie L. Williams, 8110, Typing Clerk II.....	N	3 480
5. Harriet B. Vrasic, 4269, Clerk-Stenographer III.....	N	5 400
6. Emma D. Condl, Assistant Director of Nursing.....	N	7 530
(Perquisites University — one meal)		
7. Ferne F. Sieling, 4235, Assistant Director of Nursing.....		.....
(On leave without pay)		
8. Caroline Stewart, Associate Director of Nursing.....	N	8 580
(Perquisites University — one meal)		
9. Sharon L. Antonucci, Head Nurse.....	N	5 220
(Perquisites University — one meal)		
10. Dolores A. Ciasto, Head Nurse.....	N	5 220
(Perquisites University — one meal)		

11. Lois Fittin, Head Nurse.....	N	5 340
(Perquisites University — one meal)		
12. Katherine D. Grady, Head Nurse.....	N	5 520
(Perquisites University — one meal)		
13. Helen S. Guarino, 4236, Head Nurse.....	N	5 610
14. Nancy Izzo, Head Nurse.....	N	6 000
(Perquisites University — one meal)		
15. Madge Lovik, Head Nurse.....	N	5 430
(Perquisites University — one meal)		
16. Madonna McDevitt, Head Nurse.....	N	5 220
(Perquisites University — one meal)		
17. ———, Head Nurse.....	N	5 250
(Perquisites University — one meal)		
18. Bessie Becka, Assistant Head Nurse.....	N	5 070
(Perquisites University — one meal)		
19. Freda H. Brown, Assistant Head Nurse.....	N	5 160
(Perquisites University — one meal)		
20. Elvera H. Hanson, Assistant Head Nurse.....	N	4 950
(Perquisites University — one meal)		
21. Isabella Karalius, Assistant Head Nurse.....	N	5 130
(Perquisites University — one meal)		
22. Sophie Kratochvil, Assistant Head Nurse.....	N	5 760
(Perquisites University — one meal)		
23. Thelma A. Jackson, Licensed Practical Nurse.....	N	3 630
(Perquisites University — one meal)		
24. Gloria C. Nails, Licensed Practical Nurse.....	N	3 630
(Perquisites University — one meal)		
25. Lois A. Randle, Licensed Practical Nurse.....	N	3 630
(Perquisites University — one meal)		
26. Louise Ricks, Licensed Practical Nurse.....	N	3 630
(Perquisites University — one meal)		
27. Leatha M. Robinson, 6714, Licensed Practical Nurse.....	N	3 750
28. Sandra K. Bencsik, Staff Nurse.....	N	4 650
(Perquisites University — one meal)		
29. Jennie I. Cigolotti, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
30. C. C. Christopher, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
31. Rae Ann Conroy, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
32. Emma E. B. Follmer, Staff Nurse.....	N	4 950
(Perquisites University — one meal)		
33. Sondra Fortunato, Staff Nurse.....	N	4 530
(Perquisites University — one meal)		
34. Marian D. Hopley, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
35. Blossom C. Lemieux, 4252, Staff Nurse.....	N	5 190
36. Norma Musaliar, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
37. Jane B. Nelsen, Staff Nurse.....	N	4 530
(Perquisites University — one meal)		
38. Virginia C. Suzuki, 4245, Staff Nurse.....	N	4 830
39. ———, Staff Nurse.....	N	4 620
(Perquisites University — one meal)		
40. ———, Staff Nurse.....	N	4 620
(Perquisites University — one meal)		
41. ———, Staff Nurse.....	N	4 620
(Perquisites University — one meal)		
42. Doris M. Hundebly, Supervising Nurse.....	N	6 120
(Perquisites University — one meal)		
43. Elizabeth H. Nash, Supervising Nurse.....	N	6 270
(Perquisites University — one meal)		
44. Bessie G. Reyher, Supervising Nurse.....	N	5 640
(Perquisites University — one meal)		
Total, Nursing — Illinois Eye and Ear Infirmary.....		\$213 360

General**Account Number 05-27-45**

1. Grace Calmer, Assistant to Director of Nursing..... N	\$ 6 780
(Perquisites University — one meal)	
2. Virginia M. Counts, Assistant to Director of Nursing..... N	5 700
(Perquisites Employee — two meals and room; University — one meal).....	(780)
3. Ellen E. Finnigan, 3970, Assistant to Director of Nursing.. N	7 530
4. Juanita Hamilton, Assistant to Director of Nursing..... N	6 360
(Perquisites Employee — two meals and room; University — one meal).....	(780)
5. Frances B. Kubilski, Assistant to Director of Nursing..... N	6 780
(Perquisites University — one meal)	
6. Clara J. Longbons, Assistant to Director of Nursing..... N	6 720
(Perquisites University — one meal)	
7. Eunice I. Reim, 3972, Assistant to Director of Nursing.... N	6 860
(On leave without pay)	
8. Wanda M. Zumpano, Assistant to Director of Nursing.... N	6 720
(Perquisites University — one meal)	
9. Shelby F. Jones, 4097, Clerk III..... N	4 440
10. Anna Ware, 4096, Clerk III..... N	4 200
11. Barbara Conley, 6881, Typing Clerk I..... N	3 180
12. Delores Miller, 6821, Typing Clerk I..... N	3 000
13. Lurlean Tiller, 6295, Typing Clerk I..... N	3 180
14. Orthella M. Frazier, 5803, Typing Clerk II..... N	3 540
15. Edna L. Hall, 4098, Typing Clerk II..... N	3 600
16. Catherine M. Kovac, 6260, Typing Clerk II..... N	4 140
17. Arlene J. Kye, 4095, Typing Clerk II..... N	3 480
18. Ruth J. Moore, 4094, Typing Clerk II..... N	3 480
19. Wilhelmina Morton, 4231, Typing Clerk II..... N	3 480
20. Sara M. Perkins, 6752, Typing Clerk II..... N	3 480
21. Grace H. Robinson, 6193, Typing Clerk II..... N	3 540
22. Collette C. Ward, 4230, Typing Clerk II..... N	3 480
23. Janice B. Washington, 6347, Typing Clerk II..... N	3 480
24. Lucille Williams, 4233, Typing Clerk II..... N	3 480
25. ———, 4229, Clerk-Stenographer II..... N	4 380
26. Lagreta C. Fields, 3976, Clerk-Stenographer III..... N	4 140
27. Margaret A. Lucas, 7059, Clerk-Typist I..... N	3 480
28. Ruthie M. Allen, 4099, Clerk-Typist II..... N	3 600
29. Helen Bruck, Assistant Director of Nursing..... N	7 320
(Perquisites University — one meal)	
30. Elizabeth Furnas, Assistant Director of Nursing..... N	7 410
(Perquisites University — one meal)	
31. Antoinette Radek, 3968, Assistant Director of Nursing.... N	7 590
32. Ruth M. Carroll, Associate Director of Nursing..... N	8 790
(Perquisites University — one meal)	
33. Lee S. Ross, 7356, Messenger..... N	3 900
34. Robert Lee Walker, 7923, Messenger..... N	3 900
35. Monica Cavanaugh, Head Nurse..... N	6 060
(Perquisites University — one meal)	
36. Sophia Ciesla, Head Nurse..... N	5 580
(Perquisites University — one meal)	
37. Patricia Cipriani, Head Nurse..... N	5 430
(Perquisites University — one meal)	
38. Violet Conforti, Head Nurse..... N	6 000
(Perquisites University — one meal)	
39. Mary K. Cupp, Head Nurse..... N	5 340
(Perquisites University — one meal)	
40. Sophia Dobrychlop, Head Nurse..... N	5 820
(Perquisites University — one meal)	
41. Joyce A. Durie, Head Nurse..... N	4 560
(Perquisites Employee — two meals and room; University — one meal).....	(780)

42. Clara L. Elam, Head Nurse.....	N	5 340
(Perquisites University — one meal)		
43. Anita A. Favretto, Head Nurse.....	N	5 640
(Perquisites University — one meal)		
44. Evelyn M. Feru, Head Nurse.....	N	4 980
(Perquisites Employee — two meals and room; University — one meal).....		(780)
45. Joan T. Flynn, Head Nurse.....	N	5 520
(Perquisites University — one meal)		
46. Edna Glover, 4127, Head Nurse.....	N	5 670
47. Georgia M. Hairston, Head Nurse.....	N	5 520
(Perquisites University — one meal)		
48. Bernice Houston, Head Nurse.....	N	5 520
(Perquisites University — one meal)		
49. Hilary C. Johnson, Head Nurse.....	N	6 060
(Perquisites University — one meal)		
50. Catherine Kolitsch, Head Nurse.....	N	6 180
(Perquisites University — one meal)		
51. Gloria J. Merrill, Head Nurse.....	N	5 700
(Perquisites University — one meal)		
52. Dorothy H. Miner, Head Nurse.....	N	5 340
(Perquisites University — one meal)		
53. Kathryn E. Parker, Head Nurse.....	N	4 800
(Perquisites Employee — two meals and room; University — one meal).....		(780)
54. Carolyn A. Schmitz, Head Nurse.....	N	5 220
(Perquisites University — one meal)		
55. Margaret K. Thomas, Head Nurse.....	N	5 400
(Perquisites Employee — two meals and room; University — one meal).....		(780)
56. Gertrude Young, Head Nurse.....	N	5 640
(Perquisites University — one meal)		
(On leave without pay)		
57. Patricia Blackburn, Assistant Head Nurse.....	N	5 160
(Perquisites University — one meal)		
58. Ida Blessing, Assistant Head Nurse.....	N	4 920
(Perquisites University — one meal)		
59. Suzanne C. Burke, Assistant Head Nurse.....	N	4 980
(Perquisites University — one meal)		
60. Theresa Jagielski, Assistant Head Nurse.....	N	4 680
(Perquisites Employee — two meals and room; University — one meal).....		(780)
(On leave without pay)		
61. Jean A. McMahon, Assistant Head Nurse.....	N	4 920
(Perquisites University — one meal)		
62. Marie Mueller, Assistant Head Nurse.....	N	4 500
(Perquisites Employee — two meals and room; University — one meal).....		(780)
63. C. June Okada, Assistant Head Nurse.....	N	5 100
(Perquisites University — one meal)		
64. Rose M. Placenia, Assistant Head Nurse.....	N	5 130
(Perquisites University — one meal)		
(On military leave without pay)		
65. Elaine Rutherford, Assistant Head Nurse.....	N	5 130
(Perquisites University — one meal)		
66. Marcella Sharkey, Assistant Head Nurse.....	N	5 130
(Perquisites University — one meal)		
67. Dorothy L. Skupien, Assistant Head Nurse.....	N	5 130
(Perquisites University — one meal)		
68. Sarah Lee Tillman, Assistant Head Nurse.....	N	5 220
(Perquisites University — one meal)		
69. Donella B. Austin, Licensed Practical Nurse.....	N	3 570
(Perquisites University — one meal)		
70. B. D. Bankhead, Licensed Practical Nurse.....	N	3 630
(Perquisites University — one meal)		

71. Winifred D. Bean, 6379, Licensed Practical Nurse.....	N	3 510
72. Annamae Beard, Licensed Practical Nurse.....	N	3 630
(Perquisites University — one meal)		
73. Eva M. Blakey, Licensed Practical Nurse.....	N	3 630
(Perquisites University — one meal)		
74. Earlene Blanchet, 6365, Licensed Practical Nurse.....	N	3 510
75. Hattie H. Brooks, Licensed Practical Nurse.....	N	3 630
(Perquisites University — one meal)		
76. Adele I. Brown, Licensed Practical Nurse.....	N	3 690
(Perquisites University — one meal)		
77. Tommie M. Campbell, Licensed Practical Nurse.....	N	3 510
(Perquisites University — one meal)		
78. Dorothy F. Clay, Licensed Practical Nurse.....	N	3 630
(Perquisites University — one meal)		
79. Susie B. Collins, 7836, Licensed Practical Nurse.....	N	3 570
80. Mae E. Cook, Licensed Practical Nurse.....	N	3 630
(Perquisites University — one meal)		
81. Mary L. Davenport, Licensed Practical Nurse.....	N	3 570
(Perquisites University — one meal)		
82. Anna L. Deck, Licensed Practical Nurse.....	N	3 570
(Perquisites University — one meal)		
83. Rita J. Dovalina, Licensed Practical Nurse.....	N	3 330
(Perquisites University — one meal)		
84. Dorethea Dowd, Licensed Practical Nurse.....	N	3 330
(Perquisites University — one meal)		
85. Climetine Freeman, 6215, Licensed Practical Nurse.....	N	3 810
86. Eva M. Fulghum, Licensed Practical Nurse.....	N	3 570
(Perquisites University — one meal)		
87. Rosa Y. Gaines, 6353, Licensed Practical Nurse.....	N	3 870
88. Estelle Gary, Licensed Practical Nurse.....	N	3 630
(Perquisites University — one meal)		
89. Fannie Mae Greer, Licensed Practical Nurse.....	N	3 630
(Perquisites University — one meal)		
90. Rose Hall, Licensed Practical Nurse.....	N	3 570
(Perquisites University — one meal)		
91. Elisa Heslip, Licensed Practical Nurse.....	N	3 570
(Perquisites University — one meal)		
92. Dorothy D. Hill, 6226, Licensed Practical Nurse.....	N	3 810
93. Velma R. Hughes, 6396, Licensed Practical Nurse.....	N	3 810
94. Jessie A. Irving, Licensed Practical Nurse.....	N	3 570
(Perquisites University — one meal)		
95. Shirley A. Johnson, Licensed Practical Nurse.....	N	3 630
(Perquisites University — one meal)		
96. Josephine V. Jones, Licensed Practical Nurse.....	N	3 630
(Perquisites University — one meal)		
97. Maxine J. Jones, Licensed Practical Nurse.....	N	3 690
(Perquisites University — one meal)		
98. Annie M. Joyner, Licensed Practical Nurse.....	N	3 630
(Perquisites University — one meal)		
99. Dorothy Kellogg, Licensed Practical Nurse.....	N	3 690
(Perquisites University — one meal)		
100. Annie Ree Lawson, Licensed Practical Nurse.....	N	3 390
(Perquisites University — one meal)		
101. Theresa C. Litvjak, Licensed Practical Nurse.....	N	3 750
(Perquisites University — one meal)		
102. Willie D. Lowe, Licensed Practical Nurse.....	N	3 630
(Perquisites University — one meal)		
103. Clara McClure, Licensed Practical Nurse.....	N	3 630
(Perquisites University — one meal)		
104. Darling McConnell, Licensed Practical Nurse.....	N	3 570
(Perquisites University — one meal)		
105. Helen McKay, Licensed Practical Nurse.....	N	3 630
(Perquisites University — one meal)		
106. Marie E. Meely, Licensed Practical Nurse.....	N	3 570
(Perquisites University — one meal)		

107. Arcora Miggins, Licensed Practical Nurse.....	N	3 570
(Perquisites University — one meal)		
108. Elaine Morton, Licensed Practical Nurse.....	N	3 330
(Perquisites University — one meal)		
109. Irene O'Neill, Licensed Practical Nurse.....	N	3 630
(Perquisites University — one meal)		
110. Dolores M. Pelt, Licensed Practical Nurse.....	N	3 630
(Perquisites University — one meal)		
111. Julia M. Phillips, 6542, Licensed Practical Nurse.....	N	3 810
112. Lucy Powell, 4199, Licensed Practical Nurse.....	N	3 870
113. Mary A. Rangel, Licensed Practical Nurse.....	N	3 570
(Perquisites University — one meal)		
114. Isabella H. Redd, Licensed Practical Nurse.....	N	3 570
(Perquisites University — one meal)		
115. Freda E. Shaw, 6227, Licensed Practical Nurse.....	N	3 870
116. Zelma F. Sims, Licensed Practical Nurse.....	N	3 690
(Perquisites University — one meal)		
117. Annie C. Smith, 6233, Licensed Practical Nurse.....	N	3 870
118. Mae Smith, 6339, Licensed Practical Nurse.....	N	3 510
119. Vivian Smith, Licensed Practical Nurse.....	N	3 630
(Perquisites University — one meal)		
120. Jeanette Stewart, Licensed Practical Nurse.....	N	3 570
(Perquisites University — one meal)		
121. Rosalie Thomas, Licensed Practical Nurse.....	N	3 630
(Perquisites University — one meal)		
122. Bernice Tripp, Licensed Practical Nurse.....	N	3 630
(Perquisites University — one meal)		
123. Zandra B. Turner, Licensed Practical Nurse.....	N	3 630
(Perquisites University — one meal)		
124. Willie J. Walker, Licensed Practical Nurse.....	N	3 690
(Perquisites University — one meal)		
125. Lillian Waller, Licensed Practical Nurse.....	N	3 570
(Perquisites University — one meal)		
126. Debora E. Walters, Licensed Practical Nurse.....	N	3 630
(Perquisites University — one meal)		
127. Vertrelia G. Wells, Licensed Practical Nurse.....	N	3 570
(Perquisites University — one meal)		
128. Doris L. White, Licensed Practical Nurse.....	N	3 630
(Perquisites University — one meal)		
129. Dorothy R. Williams, Licensed Practical Nurse.....	N	2 910
(Perquisites Employee — two meals and room; Univer-		
sity — one meal).....		(780)
130. Helen E. Williams, Licensed Practical Nurse.....	N	3 630
(Perquisites University — one meal)		
131. Julia Williams, 6380, Licensed Practical Nurse.....	N	3 570
132. Leonor B. Acosta, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
133. Katherine D. Bodenbender, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
134. Connie Sue Borger, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
135. Anne E. Bottrell, Staff Nurse.....	N	4 650
(Perquisites University — one meal)		
136. Elizabeth Bundrage, Staff Nurse.....	N	4 950
(Perquisites University — one meal)		
137. Shirlee M. Butz, Staff Nurse.....	N	5 010
(Perquisites University — one meal)		
138. Katherine Coleman, Staff Nurse.....	N	4 650
(Perquisites University — one meal)		
139. Patricia A. Cresto, Staff Nurse.....	N	4 650
(Perquisites University — one meal)		
140. Vernell B. Crosby, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
141. Beverly J. Damler, 4019, Staff Nurse.....	N	4 830

142.	Gwendolyn Davis, Staff Nurse.....	N	4 770
	(Perquisites University — one meal)		
143.	Marie Davis, Staff Nurse.....	N	4 830
	(Perquisites University — one meal)		
	(On leave without pay)		
144.	Anita K. Dean, Staff Nurse.....	N	4 770
	(Perquisites University — one meal)		
145.	Rose M. F. DeGiulio, Staff Nurse.....	N	4 770
	(Perquisites University — one meal)		
146.	Norma Deslauriers, Staff Nurse.....	N	4 650
	(Perquisites University — one meal)		
147.	Theresa Diclemente, Staff Nurse.....	N	4 530
	(Perquisites University — one meal)		
148.	Helen B. Dmuchowski, Staff Nurse.....	N	4 950
	(Perquisites University — one meal)		
149.	Rosemarie Doherty, Staff Nurse.....	N	4 770
	(Perquisites University — one meal)		
150.	Margaret Donoghue, Staff Nurse.....	N	4 770
	(Perquisites University — one meal)		
151.	Michaeline A. Drust, Staff Nurse.....	N	4 770
	(Perquisites University — one meal)		
152.	Crisanta Dumlao, Staff Nurse.....	N	5 040
	(Perquisites University — one meal)		
153.	Esther M. Eiskamp, Staff Nurse.....	N	3 870
	(Perquisites Employee — two meals and room; Univer-		
	sity — one meal).....		(780)
154.	Martha A. Fiore, Staff Nurse.....	N	5 010
	(Perquisites University — one meal)		
155.	Mary Lena Fite, Staff Nurse.....	N	4 950
	(Perquisites University — one meal)		
156.	Doris A. Franks, Staff Nurse.....	N	4 770
	(Perquisites University — one meal)		
157.	Rosalie Galanis, Staff Nurse.....	N	5 160
	(Perquisites University — one meal)		
158.	Ila M. Gottlob, Staff Nurse.....	N	4 770
	(Perquisites University — one meal)		
159.	Veronique Grenier, Staff Nurse.....	N	5 010
	(Perquisites University — one meal)		
160.	Jeannette S. Gulley, Staff Nurse.....	N	4 770
	(Perquisites University — one meal)		
161.	Margaret E. Halpin, Staff Nurse.....	N	5 100
	(Perquisites University — one meal)		
162.	Shirley D. Hamby, Staff Nurse.....	N	4 770
	(Perquisites University — one meal)		
163.	Christene W. Hill, Staff Nurse.....	N	5 010
	(Perquisites University — one meal)		
164.	Anna Marie Hogan, Staff Nurse.....	N	3 990
	(Perquisites Employee — two meals and room; Univer-		
	sity — one meal).....		(780)
165.	Daisy Mae Jones, Staff Nurse.....	N	4 770
	(Perquisites University — one meal)		
166.	Barbara Jurkovich, Staff Nurse.....	N	4 260
	(Perquisites Employee — two meals and room; Univer-		
	sity — one meal).....		(780)
167.	Elizabeth A. Kenan, Staff Nurse.....	N	4 650
	(Perquisites University — one meal)		
168.	M. B. Kilfeather, Staff Nurse.....	N	3 990
	(Perquisites Employee — two meals and room; Univer-		
	sity — one meal).....		(780)
169.	Bernice Kotapka, 4086, Staff Nurse.....	N	4 950
170.	Suzanne F. Lacroix, Staff Nurse.....	N	4 530
	(Perquisites University — one meal)		
171.	Ina Pearl Latimer, Staff Nurse.....	N	4 770
	(Perquisites University — one meal)		

172. Eula M. Lockhart, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
173. Anita B. Manus, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
174. Natalie J. Marco, Staff Nurse.....	N	4 650
(Perquisites University — one meal)		
175. Mary Kay Martin, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
176. Carole J. Maynard, Staff Nurse.....	N	4 650
(Perquisites University — one meal)		
177. Margo A. McMurray, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
178. Kathleen McNerney, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
179. Donna Mae McWalter, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
180. Ramona R. Melvin, Staff Nurse.....	N	4 650
(Perquisites University — one meal)		
181. Carol A. Murray, Staff Nurse.....	N	4 530
(Perquisites University — one meal)		
182. Sally A. Neild, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
183. Anita R. Nieves, Staff Nurse.....	N	4 170
(Perquisites Employee — two meals and room; Univer-		
sity — one meal).....		(780)
184. Joanne M. O'Malley, 4037, Staff Nurse.....	N	4 830
185. Cecilia Otto, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
186. Ima Paulson, Staff Nurse.....	N	5 040
(Perquisites University — one meal)		
187. Dorothy J. Perry, Staff Nurse.....	N	4 650
(Perquisites University — one meal)		
188. Helen Psaltis, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
189. Margaret L. Reid, 4066, Staff Nurse.....	N	4 830
190. Gloria B. Ribnek, Staff Nurse.....	N	4 650
(Perquisites University — one meal)		
191. Jo Ann Rickett, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
192. Sarah P. Roberts, Staff Nurse.....	N	3 870
(Perquisites Employee — two meals and room; Univer-		
sity — one meal).....		(780)
193. Barbara Sernel, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
194. Jean M. Shute, Staff Nurse.....	N	4 650
(Perquisites University — one meal)		
195. Joan F. Shute, Staff Nurse.....	N	4 650
(Perquisites University — one meal)		
196. Marianne C. Soucie, Staff Nurse.....	N	4 650
(Perquisites University — one meal)		
197. Doretha B. Stewart, 4187, Staff Nurse.....	N	5 130
198. Nancy D. Storner, 4146, Staff Nurse.....	N	4 950
199. Sharon A. Thoney, Staff Nurse.....	N	4 650
(Perquisites University — one meal)		
200. Dorothy Turkiewicz, Staff Nurse.....	N	5 160
(Perquisites University — one meal)		
201. Mary L. Vandenburg, Staff Nurse.....	N	4 650
(Perquisites University — one meal)		
202. Bonita C. Wagner, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
203. Renetta A. Wicher, Staff Nurse.....	N	4 650
(Perquisites University — one meal)		
204. Julia L. Wilkerson, Staff Nurse.....	N	5 160
(Perquisites University — one meal)		

205.	Mallie L. Williams, Staff Nurse.....	N	4 770
	(Perquisites University — one meal)		
206.	Sally A. Wills, Staff Nurse.....	N	4 830
	(Perquisites University — one meal)		
207.	_____, Staff Nurse.....	N	4 620
	(Perquisites University — one meal)		
208.	_____, Staff Nurse.....	N	4 620
	(Perquisites University — one meal)		
209.	_____, Staff Nurse.....	N	4 620
	(Perquisites University — one meal)		
210.	_____, Staff Nurse.....	N	3 840
	(Perquisites Employee — two meals and room; Univer-		
	sity — one meal).....		(780)
211.	_____, Staff Nurse.....	N	4 770
	(Perquisites Employee — two meals and room; Univer-		
	sity — one meal).....		(600)
212.	_____, Staff Nurse.....	N	4 620
	(Perquisites University — one meal)		
213.	_____, Staff Nurse.....	N	4 620
	(Perquisites University — one meal)		
214.	_____, Staff Nurse.....	N	4 620
	(Perquisites University — one meal)		
215.	_____, Staff Nurse.....	N	3 870
	(Perquisites Employee — two meals and room; Univer-		
	sity — one meal).....		(780)
216.	_____, Staff Nurse.....	N	4 530
	(Perquisites University — one meal)		
217.	_____, Staff Nurse.....	N	4 650
	(Perquisites University — one meal)		
218.	_____, Staff Nurse.....	N	4 620
	(Perquisites University — one meal)		
219.	_____, Staff Nurse.....	N	4 620
	(Perquisites University — one meal)		
220.	_____, Staff Nurse.....	N	4 620
	(Perquisites University — one meal)		
221.	_____, Staff Nurse.....	N	4 680
	(Perquisites University — one meal)		
222.	_____, Staff Nurse.....	N	4 620
	(Perquisites University — one meal)		
223.	_____, Staff Nurse.....	N	4 620
	(Perquisites University — one meal)		
224.	_____, Staff Nurse.....	N	3 840
	(Perquisites Employee — two meals and room; Univer-		
	sity — one meal).....		(780)
225.	Barbara A. Zeiler, Staff Nurse.....	N	4 770
	(Perquisites University — one meal)		
226.	Carolyn Zimmerman, Staff Nurse.....	N	4 650
	(Perquisites University — one meal)		
227.	Catherine D. Zupan, Staff Nurse.....	N	3 870
	(Perquisites Employee — two meals and room; Univer-		
	sity — one meal).....		(780)
228.	Eva Anna Begg, Supervising Nurse.....	N	6 240
	(Perquisites Employee — two meals and room; Univer-		
	sity — one meal).....		(780)
229.	Frances M. Hoefling, Supervising Nurse.....	N	6 960
	(Perquisites University — one meal)		
230.	Alma A. Huseman, Supervising Nurse.....	N	6 000
	(Perquisites Employee — two meals and room; Univer-		
	sity — one meal).....		(780)
231.	Angela M. Lonchar, Supervising Nurse.....	N	6 900
	(Perquisites University — one meal)		
232.	Helen I. Mack, Supervising Nurse.....	N	7 260
	(Perquisites University — one meal)		
233.	Emma K. Scott, Supervising Nurse.....	N	7 320
	(Perquisites University — one meal)		

234. Shirley Streeter, 3984, Supervising Nurse.....	N	7 500
(On leave without pay)		
235. Ruth H. Ashworth, 3975, Secretary — Stenographic.....	N	6 540
236. ———, Surgical Technician.....	N	3 300
(Perquisites University — one meal)		
Total, Nursing — General.....		\$1 081 400

Neuropsychiatric Institute

Account Number 05-27-46

1. Thora P. Dickof, 5286, Clerk II.....	N	\$ 3 600
2. Elodie Lane, 4393, Clerk II.....	N	3 480
3. ———, 4394, Clerk II.....	N	3 900
4. Henrietta Lockett, 4392, Typing Clerk II.....	N	3 600
5. Dorothy Roberts, 4391, Typing Clerk II.....	N	3 480
6. Harriet A. White, Assistant Director of Nursing.....	N	7 080
(Perquisites University — one meal)		
7. Frances R. Mikulec, Associate Director of Nursing.....	N	8 220
(Perquisites University — one meal)		
8. Ruth E. Flinn, Head Nurse.....	N	5 280
(Perquisites Employee — two meals; University — one meal)		(360)
9. Ruby B. Malek, Head Nurse.....	N	5 340
(Perquisites University — one meal)		
10. J. Niespodzani, Head Nurse.....	N	5 820
(Perquisites University — one meal)		
11. Nellie J. Person, Head Nurse.....	N	5 520
(Perquisites University — one meal)		
12. Alice M. Yarmo, Head Nurse.....	N	5 220
(Perquisites University — one meal)		
13. ———, Head Nurse.....	N	5 220
(Perquisites University — one meal)		
14. Marguerite A. Dixon, 4370, Assistant Head Nurse.....	N	5 100
15. Annie Abrams, Licensed Practical Nurse.....	N	3 690
(Perquisites University — one meal)		
16. Dorothy B. Brown, Licensed Practical Nurse.....	N	3 390
(Perquisites University — one meal)		
17. Sadie Clark, 4932, Licensed Practical Nurse.....	N	3 810
18. Mellisa Coleman, 6437, Licensed Practical Nurse.....	N	3 870
19. Wilma P. Collins, Licensed Practical Nurse.....	N	3 630
(Perquisites University — one meal)		
20. Minnie Copeland, Licensed Practical Nurse.....	N	3 630
(Perquisites University — one meal)		
21. Ollie Green, 6487, Licensed Practical Nurse.....	N	3 870
22. Loretta Hall, 4941, Licensed Practical Nurse.....	N	3 870
23. Ruth M. Johnson, 4962, Licensed Practical Nurse.....	N	3 810
24. Armanda I. Page, Licensed Practical Nurse.....	N	3 570
(Perquisites University — one meal)		
25. Nancy L. Abenti, Staff Nurse.....	N	4 650
(Perquisites University — one meal)		
26. Mary F. Beaulieu, Staff Nurse.....	N	4 530
(Perquisites University — one meal)		
27. Gwen Clark, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
28. Lois A. Coleman, Staff Nurse.....	N	4 650
(Perquisites University — one meal)		
29. Doris L. Hardy, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
30. Earlene B. Hatch, Staff Nurse.....	N	4 950
(Perquisites University — one meal)		
31. Betty J. Ivey, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
32. Mae Louise Jackson, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
33. W. Princess Jarrett, Staff Nurse.....	N	5 160
(Perquisites University — one meal)		

34. Marcella Jerome, Staff Nurse.....	N	4 950
(Perquisites University — one meal)		
35. Ruth E. Pfeiffer, Staff Nurse.....	N	4 530
(Perquisites University — one meal)		
36. Mary V. Sceniak, Staff Nurse.....	N	3 870
(Perquisites Employee — two meals and room; University — one meal).....		(780)
37. Rosalie Spender, Staff Nurse.....	N	4 530
(Perquisites University — one meal)		
38. Suzann M. Ward, Staff Nurse.....	N	3 870
(Perquisites Employee — two meals and room; University — one meal).....		(780)
39. _____, Staff Nurse.....	N	4 590
(Perquisites University — one meal)		
40. _____, Staff Nurse.....	N	3 900
(Perquisites Employee — one meal and room; University — one meal).....		(600)
41. _____, Staff Nurse.....	N	4 620
(Perquisites University — one meal)		
42. _____, Staff Nurse.....	N	4 620
(Perquisites University — one meal)		
43. _____, Staff Nurse.....	N	4 620
(Perquisites University — one meal)		
44. _____, Staff Nurse.....	N	4 530
(Perquisites University — one meal)		
45. _____, 4405, Staff Nurse.....	N	4 800
46. _____, Staff Nurse.....	N	4 620
(Perquisites University — one meal)		
47. _____, Staff Nurse.....	N	4 620
(Perquisites University — one meal)		
48. _____, Staff Nurse.....	N	4 620
(Perquisites University — one meal)		
49. _____, Staff Nurse.....	N	4 620
(Perquisites University — one meal)		
50. Velma I. Berry, 4400, Supervising Nurse.....	N	6 150
51. Kerstin I. Boberg, Supervising Nurse.....	N	6 540
(Perquisites University — one meal)		
52. Pearl L. Crouch, Supervising Nurse.....	N	6 510
(Perquisites University — one meal)		
53. Vivian R. Munro, Supervising Nurse.....	N	6 510
(Perquisites University — one meal)		
54. _____, 4369, Supervising Nurse.....	N	6 060
55. Sara R. Bock, 4390, Secretary — Stenographic.....	N	5 400
(On leave without pay)		
Total, Nursing — Neuropsychiatric Institute.....		\$260 100

Nurses' Residence

Account Number 05-27-50		
1. Irene L. Cooke, 4409, Matron.....	N	\$ 3 930
2. Margaret Craven, 4407, Matron.....	N	4 200
Total, Nurses' Residence.....		\$ 8 130

Operating and Recovery Rooms

Account Number 05-27-55		
1. Florene Wright, 4438, Typing Clerk II.....	N	\$ 3 780
2. Doris L. Bell, Head Nurse.....	N	5 400
(Perquisites University — one meal)		
3. Loretta Fangrat, Head Nurse.....	N	5 760
(Perquisites University — one meal)		
4. LaVerne H. Kaleta, Head Nurse.....	N	5 280
(Perquisites University — one meal)		
5. Betty A. Lindsay, Head Nurse.....	N	5 400
(Perquisites University — one meal)		

6. —————, Assistant Head Nurse.....	N	4 950
(Perquisites University — one meal)		
7. Lois B. Hamilton, Licensed Practical Nurse.....	N	3 630
(Perquisites University — one meal)		
8. Earline J. Hester, Licensed Practical Nurse.....	N	3 570
(Perquisites University — one meal)		
9. Helen Lawrence, Licensed Practical Nurse.....	N	3 630
(Perquisites University — one meal)		
10. Vernice V. Mitchell, 7911, Licensed Practical Nurse.....	N	3 570
11. Brunetta S. Pullen, Licensed Practical Nurse.....	N	3 630
(Perquisites University — one meal)		
12. Anna Strods, Licensed Practical Nurse.....	N	3 570
(Perquisites University — one meal)		
13. M. L. Berrettini, Staff Nurse.....	N	4 950
(Perquisites University — one meal)		
14. Helen Blaut, Staff Nurse.....	N	5 160
(Perquisites University — one meal)		
15. Ann M. Brannon, Staff Nurse.....	N	5 160
(Perquisites University — one meal)		
16. Marie A. Cicero, Staff Nurse.....	N	4 650
(Perquisites University — one meal)		
17. A. Dolores Decarlo, Staff Nurse.....	N	4 950
(Perquisites University — one meal)		
18. Ruth A. Eastham, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
19. Jane A. Haling, Staff Nurse.....	N	4 650
(Perquisites University — one meal)		
20. Marilyn T. Hanley, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
21. Lottie O. Harris, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
22. Charlene Hengesh, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
23. Shirley M. Heun, Staff Nurse.....	N	4 650
(Perquisites University — one meal)		
24. Dolores M. Kresge, Staff Nurse.....	N	4 950
(Perquisites University — one meal)		
25. Marjorie K. Laffaur, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
26. Marion Murdoch, Staff Nurse.....	N	5 010
(Perquisites University — one meal)		
27. Donna Murphy, 4046, Staff Nurse.....	N	4 950
28. Lois V. Scaife, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
29. Monica Simler, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
30. Margaret A. Steinle, Staff Nurse.....	N	4 950
(Perquisites University — one meal)		
31. Harumi Taira, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
32. Mary F. Twaler, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
33. Betty A. Weisman, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
34. Alice Ann Wernsman, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
35. —————, Staff Nurse.....	N	4 530
(Perquisites University — one meal)		
36. —————, Staff Nurse.....	N	4 380
(Perquisites University — one meal)		
37. —————, Staff Nurse.....	N	4 530
(Perquisites University — one meal)		
38. —————, Staff Nurse.....	N	3 840
(Perquisites Employee — two meals and room; University — one meal).....		(780)

39. _____, Staff Nurse.....	N	4 770
(Perquisites University — one meal)		
40. _____, Staff Nurse.....	N	3 840
(Perquisites Employee — two meals and room; University — one meal).....		(780)
41. Fannie L. Nofziger, Supervising Nurse.....	N	7 140
(Perquisites University — one meal)		
42. Anna A. Norton, Supervising Nurse.....	N	6 510
(Perquisites University — one meal)		
43. Arturo Pizarro, Surgical Technician.....	N	3 720
(Perquisites University — one meal)		
<i>Total, Operating and Recovery Rooms.....</i>		<u>\$201 930</u>

Ophthalmology Revolving

Account Number 07-27-15

1. Mattie Carmichael, 6901, Clerk II.....	N	\$ 3 600
2. Lylas R. Egerter, 3459, Clerk III.....	N	4 530
3. Fay Saxon, 3460, Clerk III.....	N	4 710
4. _____, Optical Dispenser I.....	N	6 000
5. _____, Optical Dispenser I.....	N ⁵⁰	2 100
6. Herman Frank, 3457, Optical Dispenser II.....	N	7 050
<i>Total, Ophthalmology Revolving.....</i>		<u>\$27 990</u>

Orthopaedic Brace Shop

Account Number 05-27-60

1. William P. Oliver, 4411, Bracemaker.....	N	\$ 4 740
2. Mary F. Izzo, 4412, Assistant Bracemaker.....	N	3 720
<i>Total, Orthopaedic Brace Shop.....</i>		<u>\$ 8 460</u>

Brace Shop Revolving

Account Number 07-27-05

1. Peter J. Newhouse, 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	\$ 4 404
2. Victoria Kregzde, 4442, Laboratory Assistant III.....	N	4 404
3. Jadvyga Maldeikis, 4449, Laboratory Assistant III.....	N	4 620
4. Sylvia C. Schreiman, 4448, Clerk-Stenographer II.....	N	4 320
5. Ruth M. Jacobs, 4446, Clerk-Stenographer III.....	N	5 340
6. Jonas S. Ayers, 5647, Morgue Technician (Trainee).....	N	3 600
7. Elmer Walton, 4444, Morgue Technician.....	N	5 040
8. Margaret Meredith, 6528, Histology Technologist.....	N	4 980
9. Stella Nanos, 7760, Histology Technologist.....	N	4 980
10. Helen E. Baker, 6879, Medical Typist.....	N	4 500
11. Aldona A. Brusokas, 7377, Medical Typist.....	N	4 320
12. G. I. C. Friederici, 8071, Medical Typist (Trainee).....	N	3 870
13. _____, 4447, Medical Typist.....	N	4 200
<i>Total, Pathology.....</i>		<u>\$58 578</u>

Physical Medicine and Rehabilitation

Account Number 05-27-75

1. Frances C. Conlan, 4467, Physical Therapy Aide.....	N	\$ 3 900
2. Marcella Dowdell, 6633, Physical Therapy Aide.....	N	3 750
3. Lawrence Long, 5714, Physical Therapy Aide.....	N	4 200
4. William Moffatt, 4466, Physical Therapy Aide.....	N	3 765
5. Evelyn C. Smith, 6091, Physical Therapy Aide.....	N	4 200
6. Dorothy C. Larson, 5585, Clerk III.....	N	4 800
7. Teddy Ramirez, 5891, Supervisor of Physical Therapy.....	N	5 520
8. June M. Schroeder, 4453, Chief Physical Therapist.....	N	7 800
9. Dorothy Barnhart, 4454, Assistant Chief Physical Therapist.....	N	6 600
10. Gay M. DeLong, 6568, Staff Physical Therapist.....	N	4 800

11. Joanne Greengard, 6540, Staff Physical Therapist	N	4 605
12. Sally A. Weidenkopf, 4470, Staff Physical Therapist	N	4 800
13. Susan S. Weltman, 4455, Staff Physical Therapist	N	5 100
14. Elinor Wilson, 6216, Staff Physical Therapist	N	5 100
15. ———, 4468, Staff Physical Therapist	N	4 680
16. ———, 4457, Staff Physical Therapist	N	5 160
17. Sally A. Yoran, 4461, Staff Physical Therapist	N	4 800
18. Margaret R. Young, 6918, Staff Physical Therapist	N	4 980
<i>Total, Physical Medicine and Rehabilitation</i>		<u>\$88 560</u>

Radiology

Account Number 05-27-80

1. Catherine Sanders, 5728, Laboratory Assistant II	N	\$ 3 720
2. Marie Fisher, 7140, Equipment Attendant	N	3 804
3. Barbara Hall, 4489, Clerk I	N	3 240
4. Joan J. Riley, 4485, Clerk I	N	3 540
5. Harold J. Carey, 6445, Clerk II	N	3 840
6. Pauline Hummel, 4486, Clerk II	N	4 140
7. Carol L. Sydlowski, 4487, Clerk I	N	3 420
8. Josephine Bellamia, 4483, Clerk III	N	4 590
9. Mildred Evans, 4496, Clerk-Typist II	N	3 840
10. Mary B. Dixon, 4484, Clerk-Typist III	N	3 960
11. Dennis Rainsford, 5793, Clerk-Typist III	N	4 350
12. Mabel H. Counselis, 5587, Patho-Technologist	N	4 980
13. Zivko Horvat, 6506, Darkroom Technician I	N	3 300
14. Rosa Lee Smith, 4492, Darkroom Technician I	N	3 600
15. Willie F. Furlow, 4481, Darkroom Technician II	N	4 200
16. Mildred Winesberry, 4482, Darkroom Technician II	N	4 080
17. Dorothy Mae Curry, 7928, Medical X-ray Technician I	N	4 080
18. Frances J. Ficek, 5325, Medical X-ray Technician I	N	4 380
19. Lawrence S. Levin, 4479, Medical X-ray Technician I (Trainee)	N	3 840
20. Dan J. Litturi, 4490, Medical X-ray Technician I	N	4 200
21. Samuel J. Martin, 6343, Medical X-ray Technician I	N	4 440
22. Shirley A. Ozolins, 4480, Medical X-ray Technician I	N	4 320
23. William Randolph, 4491, Medical X-ray Technician I	N	4 200
24. Gloria B. Smith, 4478, Medical X-ray Technician I	N	4 140
25. ———, 4474, Medical X-ray Technician I	N	3 840
26. Veronica D. Demers, 4475, Medical X-ray Technician II	N	5 160
27. Robert A. Gaskin, 5893, Medical X-ray Technician II	N	5 100
28. Dolores Kyles, 5106, Medical X-ray Technician II	N	4 800
29. Lydia Naaf, 4477, Medical X-ray Technician II	N	6 000
30. Lydia C. Scherbarth, 4476, Medical X-ray Technician II	N	5 100
31. ———, 6407, Medical X-ray Technician II	N	4 680
32. Richard J. Graczyk, 4495, Chief Medical X-ray Technician	N	6 930
<i>Total, Radiology</i>		<u>\$137 814</u>

Respiratory Center Revolving

Account Number 07-27-25

1. Favale C. Hughes, 5794, Clerk II	N	\$ 3 600
2. Barbara M. Rhymes, Head Nurse	N	5 550
(Perquisites University — one meal)		
3. Ruby Mitchell, Assistant Head Nurse	N	5 130
(Perquisites University — one meal)		
4. Clarice Alexander, Licensed Practical Nurse	N	3 630
(Perquisites University — one meal)		
5. Louise Brooks, Licensed Practical Nurse	N	3 330
(Perquisites University — one meal)		
6. Viola Henderson, 5941, Licensed Practical Nurse	N	3 774
7. Elvenia Neal, Licensed Practical Nurse	N	3 330
(Perquisites University — one meal)		
8. ———, Licensed Practical Nurse	N	3 300
(Perquisites University — one meal)		
9. ———, Licensed Practical Nurse	N	3 180
(Perquisites University — one meal)		

10. _____, Licensed Practical Nurse.....	N	3 480
(Perquisites University — one meal)		
11. _____, 6543, Licensed Practical Nurse.....	N	3 360
12. Mary G. Kearns, Staff Nurse.....	N	4 650
(Perquisites University — one meal)		
13. Maxine P. Pryor, 5942, Staff Nurse.....	N	4 950
14. _____, Staff Nurse.....	N	3 840
(Perquisites Employee — two meals and room; University — one meal).....		(780)
15. _____, Staff Nurse.....	N	3 840
(Perquisites Employee — two meals and room; University — one meal).....		(780)
16. _____, 5850, Staff Nurse.....	N	4 680
17. _____, Staff Nurse.....	N	4 620
(Perquisites University — one meal)		
18. _____, Staff Nurse.....	N	4 620
(Perquisites University — one meal)		
Total, Respiratory Center Revolving.....		\$72 864

Cooperative Investigations**TRUST — NATIONAL FOUNDATION FOR INFANTILE PARALYSIS — RESPIRATORY POLIO**

Account Number 50-52-55

1. Phyllis C. Ayers, Supervising Nurse.....	N	\$ 6 060
(Perquisites University — one meal)		

Stores — Sewing and Mending

Account Number 15-10-33

1. Anne C. Glass, 3716, Seamstress.....	N	\$ 3 028
2. _____, 3715, Seamstress.....	N	3 028
3. Lillian Kallenback, 3713, Sewing and Mending Supervisor..	N	5 430
Total, Stores — Sewing and Mending.....		\$11 486

LIBRARY

Account Number 05-33-05

1. _____, 4510, Library Clerk II.....	N	\$ 3 540
2. Elizabeth R. Browne, 4505, Library Clerk III.....	N	4 770
3. Mary W. McCray, 4508, Library Clerk III.....	N	4 440
4. Helen C. Ritter, 4504, Library Clerk III.....	N	4 770
5. Douglas F. Cushnie, 4507, Typing Clerk I.....	N	3 420
6. Bonita Y. McAllister, 7332, Typing Clerk I.....	N	3 600
7. Stephanie M. Grillo, 4506, Clerk-Stenographer II.....	N	3 840
Total, Library.....		\$28 380

PHYSICAL PLANT**Administration**

Account Number 05-36-02

1. Mary Ellen Nelson, 4902, Accountant II.....	N	\$ 7 000
2. Helen Duplantis, 4514, Accountant III.....	N	8 700
3. Lawrence A. Ruhnow, 4515, Assistant to Superintendent of Buildings and Grounds.....	N	9 000
4. Rosa Mayer, 4523, Clerk III.....	N	3 900
5. Marie L. Smith, Clerk III.....	ZN80	3 478
(Total Salary).....		(4 350)
6. Ella M. Warskow, 4522, Clerk III.....	N	3 900
7. L. D. Westerfors, 4901, Payroll Clerk II.....	N	4 080
8. Margaret Banks, 4518, Payroll Clerk III.....	N	4 950
9. Henrietta L. Swan, 7086, Clerk-Stenographer III.....	N	4 500
10. Virgie L. Clopton, 5550, Bookkeeping Machine Operator II	N	4 440
11. Florence Newcomer, 4517, Bookkeeping Machine Operator II.....	N	3 960
12. Clara G. Niemiec, 4903, Bookkeeping Machine Operator II	N	4 320
13. Shirley Ann Hoy, 4516, Secretary — Stenographic.....	N	5 010

14. Frank W. Houck, 5193, Superintendent of Buildings and Grounds.....	N	13 600
15. Clarence F. Schar, 4546, Superintendent of Fire Prevention and Safety.....	N	8 400
16. Frank E. Hostettler, 4513, Superintendent of Physical Plant	N	14 100
<i>Total, Administration</i>		<u>\$103 338</u>

Building Operation

Account Number 05-36-04		
1. Jean M. Wolsztyniak, 4527, Clerk-Stenographer II.....	N	\$ 3 900
2. Helen Nottoli, 4532, Clerk-Typist III.....	N	4 080
3. William W. Moss, Superintendent of Operations.....	ZN92	9 350
(Total Salary).....		(10 200)
4. John J. Fee, 4531, Assistant Superintendent of Operations..	N	8 400
5. Norman D. Nelson, 7697, Assistant Superintendent of Operations.....	N	8 000
<i>Total, Building Operation</i>		<u>\$33 730</u>

Laundry Service

Account Number 15-10-27		
1. William W. Moss, 4530, Superintendent of Operations.....	ZN8	\$ 850
<i>Total, Laundry Service</i>		<u>\$ 850</u>

Police and Watchmen

Account Number 05-36-06		
1. John F. Albrecht, 5773, Supervisor of Security and Traffic	N	\$ 9 000
<i>Total, Police and Watchmen</i>		<u>\$ 9 000</u>

Building Maintenance

Account Number 05-36-08		
1. J. E. Guglielmi, 4555, Typing Clerk III.....	N	\$ 4 080
2. Irene Kwak, 6476, Typing Clerk III.....	N	3 720
3. Rhoda E. Peterson, 4524, Typing Clerk III.....	N	4 500
4. Katherine Clawson, 4526, Clerk-Typist II.....	N	3 780
5. Leo J. Janas, 7399, Project Engineer.....	N	8 900
6. Eugene H. Stewart, 4552, Structural Engineer.....	N	10 200
7. James Lindsay, 4553, Routing Supervisor.....	N	7 800
8. George W. Hovland, 4554, Stores Supervisor.....	N	6 500
9. Andrew Poetzing, 4557, Supervisor of Building Craftsmen	N	9 976
10. Albert H. Stroupe, 6772, Supervisor of Trades.....	N	10 358
<i>Total, Building Maintenance</i>		<u>\$69 814</u>

Grounds Maintenance

Account Number 05-36-60		
1. Noble J. Smith, 5287, Superintendent of Grounds.....	N	\$ 8 200
<i>Total, Grounds Maintenance</i>		<u>\$ 8 200</u>

Heat, Light, and Power

Account Number 05-36-65		
1. Mary Cermak, 5184, Clerk-Typist III.....	N	\$ 4 080
2. Wanita I. Johnson, 4571, Secretary — Stenographic.....	N	5 010
<i>Total, Heat, Light, and Power</i>		<u>\$ 9 090</u>

Architectural Engineering Service

Account Number 15-10-06		
1. Jesse C. Caraway, 4575, Associate Architect.....	N	\$11 600
2. Mitchell J. Markos, 4582, Administrative Clerk.....	N	6 600
3. Elaine T. Kramer, 4556, Operations Clerk.....	N	4 050
4. Lucile E. Green, 4520, Clerk-Stenographer III.....	N	4 440
5. ———, 4589, Clerk-Stenographer III.....	N	4 020
6. Ronald E. Feltgen, 7400, Architectural Draftsman II.....	N	8 300
7. Henry J. Miszkowicz, 4581, Architectural Draftsman II...	N	8 200
8. George Venchuk, 4579, Architectural Draftsman II.....	N	7 600
9. Frank R. Dukes, 4567, Architectural Electrical Engineer..	N	9 000
10. ———, 4587, Architectural Electrical Engineer.....	N	7 800

11. Frank J. Vogt, 4566, Architectural Mechanical Engineer . . .	N	9 000
12. —, 4577, Architectural Engineer	N	8 600
13. Eugene A. Mokelke, 5414, Estimator	N	8 700
14. Carolyn Y. Holloway, 6293, Secretary — Stenographic . . .	N	4 800
15. Elric M. Polly, 4576, Architectural Superintendent	N	11 100
16. —, 4578, Architectural Superintendent	N	8 700
<i>Total, Architectural Engineering Services</i>		<u>\$122 510</u>

Auxiliary Enterprises

Chicago Illini Union Building Operation

Account Number 15-15-15

1. Grace F. Bacon, 4600, Assistant to Manager of Illini Union	N	\$ 5 280
2. Judith A. Pacey, 4603, Assistant to Social Director	N	4 350
3. Gail E. Ruttenberg, Assistant to Social Director	ZN50	2 010
(Total Salary)		(4 020)
4. Marie L. Smith, Clerk III	ZN10	436
(Total Salary)		(4 350)
<i>Total, Chicago Illini Union Building Operation</i>		<u>\$12 076</u>

Telephone Service

Account Number 15-10-45

1. Irene C. Smith, 4590, Chief Switchboard Operator	N	\$ 5 580
<i>Total, Telephone Service</i>		<u>\$ 5 580</u>

Chicago Illini Union Food Service

Account Number 15-15-16

1. Marie L. Smith, Clerk III	ZN10	\$ 436
(Total Salary)		(4 350)
2. Faye A. Brodsky, 4605, Food Production Manager	N	5 580
3. Margaret D. Johnson, Food Service Manager	ZN15	1 665
(Total Salary)		(11 100)
4. Viola Walberg, Assistant Food Service Manager	ZN15	1 245
(Total Salary)		(8 300)
5. Marian J. Rehfeldt, 4607, Food Service Supervisor	N	4 800
<i>Total, Chicago Illini Union Food Service</i>		<u>\$13 726</u>

Trust — Housing Division Administration

Account Number 62-10-10

1. Mary M. Mahoney, 5618, Accountant I	N	\$ 5 760
2. Gail E. Ruttenberg, Assistant to Social Director	ZN50	2 010
(Total Salary)		(4 020)
3. Martha Reos, 5775, Clerk-Stenographer II	N	3 810
4. Catherine E. Boren, 5432, Clerk-Stenographer III	N	4 380
5. Francis L. Cooke, 5580, Housing Maintenance Supervisor . .	N	7 200
<i>Total, Trust — Housing Division Administration</i>		<u>\$23 160</u>

Steam Plant Service

Account Number 15-10-65

1. Leonard Burkhardt, 4570, Operations Clerk	N	\$ 4 800
2. Umberto Cruciani, 5227, Assistant Instrument and Efficiency Engineer	N	6 500
3. —, 4574, Power Plant Mechanical Engineer	N	8 250
4. Albert A. Anderson, 4565, Superintendent of Utilities	N	11 900
<i>Total, Steam Plant Service</i>		<u>\$31 450</u>

Trust — Student Residence Hall

Account Number 62-10-12

1. Stafford Kariotis, Purchasing Assistant III	ZN25	\$ 2 200
(Total Salary)		(9 600)
2. Florence E. Sanborn, 6432, Food Production Manager	N	5 820
3. Margaret D. Johnson, Food Service Manager	ZN40	4 440
(Total Salary)		(11 100)

4. Viola Walberg, Assistant Food Service Manager.....	ZN40	3 320
(Total Salary).....		(8 300)
5. Dora M. Breitzer, Food Service Supervisor.....	N	4 200
(Perquisites University — two meals)		
6. Helen S. Cady, Food Service Supervisor.....	N	4 800
(Perquisites University — two meals)		
7. _____, Food Service Supervisor.....	N	4 050
(Perquisites University — two meals)		
<i>Total, Trust — Student Residence Hall.....</i>		<u>\$28 830</u>

Hospital Addition Snack Bar**Account Number 15-15-10**

1. Margaret D. Johnson, Food Service Manager.....	ZN15	\$ 1 665
(Total Salary).....		(11 100)
2. Viola Walberg, Assistant Food Service Manager.....	ZN15	1 245
(Total Salary).....		(8 300)
<i>Total, Hospital Addition Snack Bar.....</i>		<u>\$ 2 910</u>

CHICAGO UNDERGRADUATE DIVISION**ADMINISTRATION AND GENERAL****Executive Dean's Office****Account Number 70-05-05**

1. Margaret Shanahan, Clerk-Stenographer III.....	N	\$ 4 770
2. Patricia M. Lamey, 0556, Clerk-Typist III.....	N	4 710
3. Kathryn G. Canedy, 0555, Administrative Secretary — Stenographic.....	N	6 660
<i>Total, Administration.....</i>		<u>\$16 140</u>

Student Counseling Service**Account Number 70-05-10**

1. Joanne C. Perry, 6030, Personnel Assistant II.....	N	\$ 5 520
2. Audrey A. Anderson, 0560, Clerk-Stenographer II.....	N	4 170
3. Allie H. Mayberry, 0557, Clerk-Typist III.....	N	4 230
4. Marg Dye Johnston, 0558, Secretary — Stenographic.....	N	4 920
<i>Total, Student Counseling Service.....</i>		<u>\$18 840</u>

Business Office**Account Number 70-05-15**

1. Leslie Taylor, Accountant II.....	ZN75	\$ 5 040
(Total Salary).....		(6 450)
2. Thomas Halstengard, Purchasing Assistant III.....	ZN75	6 580
(Total Salary).....		(8 500)
3. Robert E. Porter, 0561, Assistant to Business Manager....	N	12 500
4. D. C. Huebner, Assistant to Military Property Custodian..	N	5 850
5. Joyse M. Rodda, 6194, Cashier II.....	N	4 200
6. Inez V. Dunn, Cashier III.....	ZN90	5 370
(Total Salary).....		(5 790)
7. LaRue I. Sares, 0568, Clerk III.....	N	4 500
8. Joaquin Pelayo, 0565, Receiving Clerk.....	N	4 470
9. George E. Campbell, 0567, Stores Clerk.....	N	4 710
10. George S. Lewis, Stores Clerk.....	N	4 050
11. Terese S. Arnoldi, 0569, Clerk-Stenographer III.....	N	4 230
12. _____, Clerk-Typist II.....	N	3 000
13. Phyllis S. Skutnik, 0564, Secretary — Stenographic.....	N	4 950
<i>Total, Business Office.....</i>		<u>\$69 450</u>

General Stores**Account Number 75-05-15**

1. Thomas Halstengard, Purchasing Assistant III.....	ZN25	\$ 1 920
(Total Salary).....		(8 500)
2. Nathan Barach, 0570, Storekeeper.....	N80	4 050
<i>Total, General Stores.....</i>		<u>\$ 5 970</u>

Auxiliary — Bookstore**Account Number 75-15-20**

1. Dorothy E. Conlon, 0579, Cashier I.....	N	\$ 4 200
2. Evelyn S. Bassett, 6814, Accounting Clerk II.....	N	5 400
3. Evelyn Marcus, 7044, Bookstore Clerk I.....	N	3 750
4. Beatrice Schwartz, 6144, Bookstore Clerk I.....	N	4 200
5. Emmett E. Willis, 0573, Chief Clerk.....	N	6 000
6. Rhoda M. Johnson, 0580, Clerk-Typist III.....	N	4 350
7. Harry E. Summers, 0572, Bookstore Manager.....	N	10 200
8. Frank Goetker, 0574, Storekeeper.....	N	5 400
9. William J. Hudson, 0578, Storekeeper.....	N	4 800
<i>Total, Auxiliary — Bookstore.....</i>		<u>\$48 300</u>

Veterans' Certification**Account Number 88-05-15**

1. Leslie Taylor, Accountant II.....	ZN13	\$ 720
(Total Salary).....		(6 450)
<i>Total, Veterans' Certification Business Office.....</i>		<u>\$ 720</u>

Admissions and Records**Account Number 70-05-20**

1. C. Muriel Fakhoury, 0596, Clerk II.....	N	\$ 3 660
2. Gladys L. Jackson, 0597, Clerk II.....	N	3 930
3. Emily Wickert, Clerk II.....	ZN86	3 330
(Total Salary).....		(3 810)
4. Edna Downing, 0586, Clerk III.....	N	4 170
5. Mary A. Grosch, 0589, Clerk III.....	N	4 440
6. Rachel W. Hawkins, 0590, Clerk III.....	N	4 140
7. Adrienne Zmyslony, 0588, Clerk III.....	N	4 530
8. Irene D. Lyles, 6578, Typing Clerk II.....	N	3 480
9. _____, 0592, Typing Clerk II.....	N	3 300
10. Janice M. Harris, 0594, Clerk-Stenographer II.....	N	3 900
11. Delores Davis, 0587, Clerk-Stenographer III.....	N	4 170
12. Ruth S. Germain, 0582, Examiner.....	N	6 090
13. _____, Assistant Examiner.....	N	4 800
14. Barbara A. Long, 0593, Office Appliance Operator II.....	N	3 660
15. Jeannet Gage, 0584, Recorder.....	N	6 870
16. Lenore B. Liebman, 0583, Recorder.....	N	5 760
17. Margaret L. Hewitt, 6701, Assistant Recorder.....	N	5 250
18. Dorothy Dobrynski, 0585, Secretary — Stenographic.....	N	5 430
<i>Total, Admissions and Records.....</i>		<u>\$80 910</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 Mary Chiloro, 7099, Personnel Assistant II.....	N	\$ 5 340
2. Rose Mary Strueck, Visiting Nurse.....	ZN40	2 160
(Total Salary).....		(5 400)
3. LeRoy J. Votava, 0599, Personnel Officer.....	N	8 500
<i>Total, Nonacademic Personnel.....</i>		<u>\$16 000</u>

Stenographic Service**Account Number 75-10-15**

1. Bernice Blackwood, 3141, Chief Clerk.....	N	\$ 5 220
2. Frances L. Hedge, 0604, Duplicating Machine Operator II.....	N	4 080
3. Gifford D. Pleasant, 0603, Duplicating Machine Operator III.....	N	5 160
<i>Total, Stenographic Service.....</i>		<u>\$14 460</u>

Dean of Students**Account Number 70-05-30**

1. Beverly S. McCleary, 0607, Clerk-Stenographer II.....	N	\$ 4 050
2. Eleanor C. Thomas, 0644, Clerk-Stenographer III.....	N	4 290
3. Virginia Duke, 0605, Secretary — Stenographic.....	N	4 920
<i>Total, Dean of Students.....</i>		<u>\$13 260</u>

Auxiliary — Student Hospital and Medical Services**Account Number 75-15-30**

1. Leslie Taylor, Accountant II.....	ZN12	\$ 690
(Total Salary).....		(6 450)
2. Inez V. Dunn, Cashier III.....	ZN10	420
(Total Salary).....		(5 790)
3. C. J. Osterberger, 6776, Typing Clerk II.....	N	3 630
<i>Total, Auxiliary — Student Hospital and Medical Services.....</i>		<u>\$ 4 740</u>

Health Service**Account Number 70-05-35**

1. Wilbur H. Oestreich, 0609, Assistant to Director.....	N	\$ 7 000
2. Eleanore O. Beymer, 0610, Clerk-Typist III.....	N	3 720
3. Alice M. Sanderson, 7052, Health Service Nurse.....	N	5 100
<i>Total, Health Service.....</i>		<u>\$15 820</u>

Public Information**Account Number 70-05-45**

1. Nancy A. Pinna, 6615, Editorial Assistant.....	N	\$ 4 350
2. Paul F. Cahill, 0611, 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. Elizabeth Adamczyk, 0615, Clerk-Typist II.....	N	\$ 3 480
2. Ruth Betty Karpel, 0614, Secretary — Stenographic.....	N	5 100
<i>Total, Administration.....</i>		<u>\$ 8 580</u>

Biological Sciences**Account Number 70-10-10**

1. Bettye J. Thigpen, 7060, Laboratory Assistant II.....	N	\$ 3 420
2. Edward M. Dryja, 0618, Laboratory Assistant III.....	N	5 400
3. Sheila J. Shankin, 0617, Clerk-Typist II.....	N	3 540
<i>Total, Biological Sciences.....</i>		<u>\$12 360</u>

Humanities**Account Number 70-10-15**

1. Sheila A. Hampton, 0619, Clerk-Stenographer III.....	N	\$ 4 200
2. Mildred M. Brown, 7412, Clerk-Typist II.....	N	3 570
3. Lucille Dawson, 0620, Clerk-Typist II.....	N	3 690
<i>Total, Humanities.....</i>		<u>\$11 460</u>

Mathematics**Account Number 70-10-20**

1. Adelaide D. Riedl, 0621, Clerk-Typist III.....	N	\$ 4 500
<i>Total, Mathematics.....</i>		<u>\$ 4 500</u>

Physical Sciences**Account Number 70-10-25**

1. Monnie Ellens, 0622, Clerk-Typist III.....	N	\$ 4 020
2. Frederick R. Gatto, 0624, Storekeeper.....	N	5 400
3. John T. Rutter, 0623, Storekeeper.....	N	5 010
<i>Total, Physical Sciences.....</i>		<u>\$14 430</u>

Social Sciences		
Account Number 70-10-30		
1. Natalie E. Murray, 0625, Clerk-Typist II.....	N	\$ 4 200
<i>Total, Social Sciences</i>		\$ 4 200

ENGINEERING SCIENCES

Administration		
Account Number 70-15-05		
1. Susan L. Mueller, 0628, Typing Clerk II.....	N	\$ 3 540
2. Florence P. Tanka, 0627, Typing Clerk III.....	N	4 350
3. Rose N. Turicchi, 0626, Secretary — Stenographic.....	N	5 610
<i>Total, Administration</i>		\$13 500

Architecture and Art

Account Number 70-15-10		
1. Vivian F. Miller, 5645, Clerk-Typist II.....	N	\$ 3 600
2. Helen Harron, 0630, Clerk-Typist III.....	N	4 530
<i>Total, Architecture and Art</i>		\$ 8 130

General Engineering

Account Number 70-15-20		
1. Joan T. Miller, 0631, Clerk-Stenographer III.....	N	\$ 3 900
<i>Total, General Engineering</i>		\$ 3 900

Physics

Account Number 70-15-25		
1. Otto V. Vitello, 0632, Laboratory Assistant III.....	N	\$ 5 400
2. Jean Y. Asato, 0633, Clerk-Stenographer III.....	N	4 800
<i>Total, Physics</i>		\$10 200

Shop Laboratories

Account Number 70-15-30		
1. Mary L. Jackson, 0637, Clerk-Stenographer II.....	N	\$ 3 840
2. Matthew Wisnewski, 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>		\$21 275

COMMERCE AND BUSINESS ADMINISTRATION

Account Number 70-20-05		
1. Karen D. Hope, 0639, Clerk II.....	N	\$ 3 780
2. Lois L. Thompson, 0638, Secretary — Stenographic.....	N	5 340
<i>Total, Commerce and Business Administration</i>		\$ 9 120

PHYSICAL EDUCATION

Account Number 70-20-10		
1. Frank W. Winters, 0641, Men's Locker Room Attendant..	N	\$ 4 710
2. Charlye B. Williams, 0642, Women's Locker Room Attendant.....	N	3 456
3. C. J. Oleszkiewicz, Chief Clerk.....	ZN88	5 160
(Total Salary).....		(5 760)
4. Helen M. Weiss, 0643, Typing Clerk II.....	N	3 420
5. Richard C. Winn, 7055, Typing Clerk II.....	N	3 330
<i>Total, Physical Education</i>		\$20 076

Auxiliary — Student Athletic Activities

Account Number 75-15-10		
1. C. J. Oleszkiewicz, Chief Clerk.....	ZN12	\$ 600
(Total Salary).....		(5 760)
<i>Total, Auxiliary — Student Athletic Activities</i>		\$ 600

ARMED FORCES

Account Number 70-20-20		
1. Flora Costea, 0646, Clerk-Typist II.....	N	\$ 3 780
<i>Total, Armed Forces</i>		\$ 3 780

LIBRARY

Account Number 70-20-30

1. Ardie M. Grady, 0653, Library Clerk II.....	N	\$ 3 630
2. Mary L. Morris, 6659, Library Clerk II.....	N	3 630
3. Judith A. Parhad, 0658, Library Clerk II.....	N	3 510
4. ———, 0650, Library Clerk II.....	N	3 540
5. Mary Lou DeMar, 0656, Library Clerk III.....	N	4 080
6. Shao Hsun Lin, 0660, Library Clerk III.....	N	4 260
7. Bonita Y. McAllister, 5267, Library Clerk III.....	N	3 900
8. Ernest D. Sims, Jr., 0655, Library Clerk III.....	N	3 930
9. Gladys R. Spargo, 0659, Library Clerk III.....	N	3 990
10. Phèdora Prescott, 0648, Chief Library Clerk.....	N	4 560
11. Aileen M. Pleasant, 7338, Typing Clerk II.....	N	3 570
12. Mamie G. Hurst, 6886, Clerk-Typist II.....	N	3 570
13. Geraldine Glover, 0657, Clerk-Typist III.....	N	4 410
14. Emily C. Wilson, 0652, Clerk-Typist III.....	N	3 930
15. Frances M. Stiritz, 0647, Secretary — Stenographic.....	N	5 760
<i>Total, Library.....</i>		<u>\$60 270</u>

PHYSICAL PLANT**Administration**

Account Number 70-25-02

1. E. A. Oskvarek, Clerk II.....	ZN88	\$ 3 390
(Total Salary).....		(3 840)
2. ———, 0668, Clerk-Stenographer II.....	N	3 930
3. Dora H. Wrobel, 0665, Clerk-Stenographer III.....	N	5 100
4. Robert L. Zander, 0661, Superintendent of Buildings and Grounds.....	N	12 000
<i>Total, Administration.....</i>		<u>\$24 420</u>

Building Operation

Account Number 70-25-04

1. Joseph J. Ehrlicher, 0670, Assistant Superintendent of Operations.....	N	\$ 8 300
<i>Total, Building Operation.....</i>		<u>\$ 8 300</u>

Building Maintenance

Account Number 70-25-08

1. Meyer I. Serlin, 0680, Storekeeper.....	N	\$ 5 400
2. Ned R. Lohan, 0679, Routing Supervisor.....	N	7 400
3. Ronald H. Laycock, 0678, Supervisor of Building Craftsmen.....	N	9 862
<i>Total, Building Maintenance.....</i>		<u>\$22 662</u>

Telephone Service

Account Number 75-10-25

1. E. A. Oskvarek, Clerk II.....	ZN12	\$ 450
(Total Salary).....		(3 840)
2. Rita M. Wilson, Accounting Clerk II.....	ZN15	756
(Total Salary).....		(5 040)
<i>Total, Telephone Service.....</i>		<u>\$ 1 206</u>

Auxiliary Enterprises**Food Service**

Account Number 75-15-05

1. Rita M. Wilson, Accounting Clerk II.....	ZN85	\$ 4 284
(Total Salary).....		(5 040)
2. Jenny E. Carson, 0688, Food Production Manager.....	N	6 300
3. Audrey F. Mezlo, 7487, Assistant Food Production Manager.....	N	4 800
4. Margaret D. Johnson, Food Service Manager.....	ZN30	3 330
(Total Salary).....		(11 100)
5. Viola Walberg, Assistant Food Service Manager.....	ZN30	2 490
(Total Salary).....		(8 300)
<i>Total, Food Service.....</i>		<u>\$21 204</u>

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