

**MEETING OF THE BOARD OF TRUSTEES**  
**OF THE**  
**UNIVERSITY OF ILLINOIS**

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**April 19, 1961**



The April meeting of the Board of Trustees of the University of Illinois was held in the LaSalle Hotel, Chicago, Illinois, on Wednesday, April 19, 1961, beginning at 9:30 a.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Irving Dilliard, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. George T. Wilkins, Mr. Kenney E. Williamson. Mr. Richard A. Harewood was not present when the meeting convened but joined the Board later as indicated in these minutes. Governor Otto Kerner was absent.

Also present were President David D. Henry, Vice-President and Provost Lyle H. Lanier, Professor Norman A. Parker, Vice-President for the Chicago Undergraduate Division, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Dr. J. S. Begando, Vice-President in charge of the Chicago Professional Colleges, Mr. C. S. Havens, Director of the Physical Plant, Mr. C. E. Flynn, Assistant to the President and Director of Public Information, Mr. V. L. Kretschmer, Director of Auxiliary Services; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary.

**MINUTES APPROVED**

The Secretary presented the minutes of the meeting of the Board of Trustees on November 16, 1960, press proof copies of which had previously been sent to the Board.

On motion of Mr. Swain, the minutes were approved as printed on pages 193 to 225, inclusive.

**BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY**

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

**AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES**

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

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
DONALD CORDELL AGNEW	Elmhurst	New York
THOMAS BARNETT FOREMAN, JR.	Chicago	District of Columbia
BENJAMIN GRUND	Lawrence, New York	New York
HUGH DAVID HAMMERSLAG	Rockford	Michigan
DELMAR EDWIN STEIN	Belleville	Missouri

I concur.

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

**APPOINTMENTS TO THE UNIVERSITY OF ILLINOIS CITIZENS COMMITTEE AND ITS EXECUTIVE COMMITTEE**

(2) I submit the following nominations for additional appointments and reappointments to the University of Illinois Citizens Committee for the period ending December 31, 1963, and to its Executive Committee for the period ending December 31, 1961.

*New Appointments*

MRS. CHARLES W. BENNIS 20 Keokuk Street Lincoln, Illinois	WILLIAM A. LEE President, Chicago Federation of Labor 666 Lake Shore Drive Chicago, Illinois
MARC A. BUETTEL President, Ideal Industries, Inc. Sycamore, Illinois	H. CLAY TATE Editor, <i>The Daily Pantagraph</i> Bloomington, Illinois
JOEL GOLDBLATT President, Goldblatt Brothers, Inc. 333 South State Street Chicago, Illinois	MRS. RALPH S. THESEN 1621 Vermont Street Quincy, Illinois
RICHARD G. GORDLEY Retail Business Owner 105 West Main Mount Sterling, Illinois	ROY TUCHBREITER Insurance Executive, Continental Casualty Company 310 South Michigan Avenue Chicago 4, Illinois
MORTON H. HOLLINGSWORTH Insurance and Real Estate Agent 1309 Glenwood Avenue Joliet, Illinois	NICHOLAS P. VEEDER Chairman of the Board and President Granite City Steel Company Granite City, Illinois

*Reappointments*

MARK A. BROWN  
Retired President, Harris Trust and  
Savings Bank  
111 West Monroe Street  
Chicago 3, Illinois

THOMAS H. ROBERTS  
President, DeKalb Agricultural  
Association, Inc.  
DeKalb, Illinois

WILLIAM M. SPENCER  
Director, North American Car  
Corporation  
135 South LaSalle Street  
Chicago 4, Illinois

CHARLES WHAM  
Attorney  
212½ East Broadway  
Centralia, Illinois

*Executive Committee*

HUGH S. BONAR  
Educational Consultant  
811 Western Avenue  
Joliet, Illinois

G. MURRAY CAMPBELL  
Vice-President and Executive Repre-  
sentative, Baltimore and Ohio Rail-  
road Company  
Grand Central Station  
Chicago 7, Illinois

HENRY DRIEMEYER  
Attorney  
First National Bank Building  
East St. Louis, Illinois

PRESTON F. GRANDON  
Publisher-President, *The Daily Gazette*  
Sterling, Illinois

W. JOE HILL  
Attorney  
500 Wood Building  
Benton, Illinois

RONALD M. KIMBALL  
Retired Banker  
2425 Pioneer Road  
Evanston, Illinois

VERLE V. KRAMER  
Publisher, *The Gibson City Courier*  
1123 North Sangamon Avenue  
Gibson City, Illinois

LENOX R. LOHR  
President, Museum of Science and  
Industry  
57th Street and South Lake Shore  
Drive  
Chicago 37, Illinois

OSCAR G. MAYER  
Chairman of the Board, Oscar Mayer  
and Company  
1241 Sedgwick Street  
Chicago 10, Illinois

GUY E. MCGAUGHEY  
Attorney  
913 State Street  
Lawrenceville, Illinois

MRS. CLAUDIA S. NARANICK  
Director, Illinois School of Psychiatric  
Nursing  
Jacksonville State Hospital  
207 East Superior  
Jacksonville, Illinois

MRS. MARGARET PELTZ  
Publisher, *The Journal and Public*  
Clinton, Illinois

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

**CHAIRMEN OF DEPARTMENTS**

(3) The Dean of the College of Liberal Arts and Sciences recommends the following appointments and reappointments to departmental chairmanships for two years from September 1, 1961:

Department of Botany — Professor Wilson N. Stewart  
Department of German — Associate Professor Frank G. Banta  
Department of Philosophy — Professor Frederick L. Will  
Department of Political Science — Professor Charles B. Hagan  
Department of Zoology — Professor James B. Kitzmiller

The salary in each case will be determined when the budget for 1961-62 is submitted to the Board of Trustees for approval.

These recommendations have been made after consultation with the Executive Committees of the Departments and with the concurrence of the Vice-President and Provost and the Dean of the Graduate College. The University Statutes provide for biennial tenure for departmental chairmen.

I concur.

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

**APPOINTMENT OF ASSOCIATE DEAN OF THE GRADUATE COLLEGE**

(4) The Dean of the Graduate College, with the concurrence of the Vice-President and Provost, recommends the appointment of Dr. Ivan Steiner, presently Associate Professor of Psychology and Associate Head of the Department at the University of Illinois, as Associate Dean of the Graduate College on one-half time, for two years beginning September 1, 1961, on a twelve-month service basis. Dr. Steiner will continue as Associate Professor of Psychology on indefinite tenure, on one-half time, on an academic year service basis. The salary of the combined position will be determined when the budget for 1961-62 is submitted to the Board of Trustees for approval.

This appointment is to replace Dr. J. Austin Ranney, Professor of Political Science and presently Associate Dean of the Graduate College, who will be on leave of absence next year and has asked to be relieved of this administrative assignment so that he may return to full-time teaching.

I concur.

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

**APPOINTMENTS OF NONCITIZENS**

(5) It has long been the policy of the University<sup>1</sup> not to appoint to its faculty or to employ in other capacities persons who are not citizens of the United States, or who have not declared their intention of becoming citizens, with the exception of temporary appointments of visiting professors and lecturers and of graduate students employed part time while working for advanced degrees. Faculty appointments of noncitizens have therefore been on annual or limited tenure basis, although a few indefinite tenure appointments have been approved in individual cases by specific Board action.

A review of this policy in the light of existing conditions and of practices of other colleges and universities indicates the need for revision. Accordingly, I recommend that the Board authorize the appointments of noncitizens to the faculty on indefinite tenure according to the following plan:

Prior to the appointment of a foreign national to the rank of Associate Professor or Professor with indefinite tenure, in addition to established regular procedures, approval must be obtained from a committee consisting of the Vice-President and Provost, the Dean of the Graduate College, and the dean of the college to which the prospective appointee will be assigned. This committee is to consider, among other things:

1. Whether the candidate has a sufficient command of the English language so that he may discharge with full effectiveness his instructional responsibilities;
2. Whether the candidate meets satisfactorily the standards for scholarly competence and promise which should prevail for appointees with indefinite tenure;
3. Whether the candidate has a satisfactory understanding and appreciation of the American environment, and a commitment to the purposes and program of a state university;
4. Whether the candidate, if not in the legal, at least in the fundamental and moral sense, will be a responsible citizen of the University, state, and national communities.

If the committee is in agreement that all four classes of criteria are satisfied, the candidate will be recommended for appointment with indefinite tenure. Otherwise, the committee will recommend either that the candidate not be appointed or that he be appointed for a fixed number of years.

All such appointments will be submitted to the Board for confirmation and the present practice of reporting other appointments to the faculty of the rank of Assistant Professor and above to the Board will be continued.

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

**APPOINTMENTS TO THE FACULTY**

(6) The following new appointments to the faculty of the rank of Assistant Pro-

<sup>1</sup> The policy stems from actions of the Board of Trustees on June 28, 1940, minutes page 978, and October 21, 1940, minutes, page 99.

fessor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. SAMUEL L. ANDELMAN, Lecturer with rank of Assistant Professor, in the Department of Preventive Medicine, beginning March 1, 1961, without salary (DY).
2. HOWARD G. ARONSON, Clinical Assistant Professor of Psychiatry, beginning March 1, 1961, without salary (DY).
3. CARL BEREITER, Assistant Professor of Education, beginning September 1, 1961, at an annual salary of \$8,000 (D).
4. SHUN WU CHU, Assistant Professor of Physical Medicine and Rehabilitation, in the College of Medicine, beginning July 1, 1961, at an annual salary of \$11,000 (DY).
5. W. DALE COMPTON, Associate Professor of Physics, beginning September 1, 1961, at an annual salary of \$10,000 (A).
6. FRIEDRICH DEINHARDT, Associate Professor of Microbiology, in the College of Medicine, beginning April 1, 1961, without salary (DY).
7. ADRIAAN DE WITTE, Professor of Petroleum Engineering, in the Department of Mining and Metallurgical Engineering, for three months from June 1, 1961, at the rate of \$1,111 per month (G), and beginning September 1, 1961, at an annual salary of \$10,000 (A).
8. RALPH L. GIBSON, Clinical Assistant Professor of Obstetrics and Gynecology, beginning April 1, 1961, without salary (DY).
9. STUART N. HAMPSHIRE, George A. Miller Visiting Professor of Philosophy, for five months from September 1, 1961, at a salary of \$8,000 (G).
10. CHARLES J. HEIBERGER, Clinical Assistant Professor of Obstetrics and Gynecology, beginning April 1, 1961, without salary (DY).
11. LAURENCE M. HURSH, Physician to McKinley Hospital and the Health Center and Associate Professor of Hygiene, beginning September 1, 1961, at an annual salary of \$15,000 (B).
12. CARL MORRIS, Visiting Professor of Art, for the period May 1 to 26, 1961, at a salary of \$2,000 (G).
13. ADRIAN E. SCHEIDEGGER, Visiting Professor of Geophysics, in the Graduate College, for four months from April 1, 1961, at a salary of \$4,900 (G).
14. FREDERICK S. SHAW, George A. Miller Visiting Professor of Civil Engineering, for the academic year 1961-62, at a salary of \$16,000 (E).
15. PIERRE SPRIET, Assistant Professor of French, beginning September 1, 1961, at an annual salary of \$7,500 (B).
16. HARVEY J. STAPLETON, Assistant Professor of Physics, beginning September 1, 1961, at an annual salary of \$7,200 (D).
17. HENRY R. ZIEL, Assistant Professor of Industrial Education, beginning September 1, 1961, at an annual salary of \$8,000 (B).

#### Appointments to Nonacademic Staff

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

1. JAMES O. AUSTIN, JR., Electronics Engineer, Department of Electrical Engineering, beginning February 8, 1961, at an annual salary of \$8,000.
2. MARTHA CLEAVELIN, Food Service Supervisor, Residence Halls, beginning January 17, 1961, on 60 per cent time, at an annual salary of \$2,406.
3. MARGARET A. CRAIG, Dietitian, McKinley Hospital, beginning February 1, 1961, at an annual salary of \$4,200.
4. MERLIN J. FOSTER, Computer Programmer I, Digital Computer Laboratory, beginning February 1, 1961, at an annual salary of \$5,160.
5. SYLVIA M. HARDIN, Food Service Supervisor, Residence Halls, beginning February 13, 1961, at an annual salary of \$4,010.
6. RAYMOND L. SLANKER, Assistant Art Editor, University Press Art Service, beginning January 1, 1961, at an annual salary of \$6,500.

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

#### SABBATICAL LEAVES OF ABSENCE, 1961-62

- (7) I recommend that the following members of the staff be given sabbatical leaves of absence during the academic year 1961-62 in accordance with the pro-

visions of the University of Illinois Statutes and on the terms and for the periods indicated. This is supplementary to the list of applications recommended to the Board of Trustees on March 14, 1961.

#### **College of Commerce and Business Administration**

V LEWIS BASSIE, Professor of Economics and Director of the Bureau of Economic and Business Research, full year, one-half pay; to make a comprehensive study in western European industrial countries of government subsidies covering money payments, provision of services below cost, tax concessions, and measures to raise prices.

#### **College of Education**

NORMAN E. GRONLUND, Professor of Education, second semester, full pay; for research in libraries and visits to selected schools to study the theory, research, and methods of measuring understandings, thinking skills, and other complex educational outcomes.

#### **College of Physical Education**

HAROLD E. KENNEY, Professor of Physical Education, second semester, full pay; for a study of physical education and athletic programs in high schools of Illinois, with some studies of schools in other states, to determine how the physical education programs at the University of Illinois might be improved to serve more adequately the needs of high school teachers of physical education and coaches; a secondary part of this program will be to get information on adequacies of facilities for physical education, recreation, and athletics provided by public school districts.

#### **Chicago Undergraduate Division**

MAURITA WILLETT, Assistant Professor of English, full year, one-half pay, or second semester, full pay; full year's leave contingent upon supplementary financial aid; for a comparative study of treatment of witchcraft and diabolism in American and Russian literature of the nineteenth century and of Russian folklore; work to be done chiefly at Harvard University and the other centers of Slavic literature.

On motion of Mr. Pogue, these leaves were granted, as recommended.

#### **JANE ADDAMS GRADUATE SCHOOL OF SOCIAL WORK**

(8) On recommendation of the Executive Committee of the School of Social Work and with the concurrence of the University administrative officers concerned, and of the Executive Committee of the University Council, I recommend that the name of the School be changed to the Jane Addams Graduate School of Social Work. The School will continue to have its headquarters at Urbana-Champaign but its Chicago activities, now housed at the Chicago Professional Colleges, will be rehoused in appropriate quarters on the new campus of the Chicago Undergraduate Division.

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

#### **LANGUAGE REQUIREMENTS FOR ADMISSION**

(9) The Urbana-Champaign and the Chicago Undergraduate Division Senates recommend that the language requirements for admission to all curricula in liberal arts and sciences and to the curricula in art and music in the College of Fine and Applied Arts be revised to read:

The foreign language requirement for admission is fulfilled by two units in any one foreign language taken in an accredited high school. Alternatively, the language requirement for admission may be fulfilled by passing an entrance examination in any foreign language which is regularly taught in the University. Less than one unit in a foreign language is not acceptable for admission.

This change will become effective immediately.

I concur.

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

### ADMISSION TO THE CURRICULA IN ARCHITECTURE

(10) The Urbana-Champaign and the Chicago Undergraduate Division Senates recommend that the requirements for admission to the curricula in architecture be revised to read as follows, effective September 1, 1963.

High School Subject	Number of Units	
	Required	Recommended Additional
English .....	3	1
Algebra .....	2	..
Plane Geometry .....	1	..
Trigonometry .....	$\frac{1}{2}$	..
College Preparatory Mathematics....	..	More
Science .....	2	1
Social Studies .....	2	1
Foreign Language .....	2	More
Freehand Drawing .....	..	1
	12.5	4 plus more mathematics and foreign language

Students in architecture who have only one unit of algebra and one unit of plane geometry may be admitted on condition that the deficiency is removed in the first year. No credit toward graduation will be allowed for mathematics courses taken to remove a deficiency in entrance requirements.

Required science must include at least one unit from two of the following subjects: physics and chemistry. A physical or biological science may be substituted for either physics or chemistry. General science may not be used as a required subject.

The foreign language requirement for admission is fulfilled by two units in any one foreign language taken in an accredited high school. Alternatively, the language requirement for admission may be fulfilled by passing an entrance examination in any foreign language which is regularly taught in the University. Less than one unit in a foreign language is not acceptable for admission.

A student entering the curricula in architecture as a freshman must have a scholastic rank in the upper half of his high school graduating class if he is a resident of Illinois, and a scholastic rank in the upper third of his high school graduating class if he is a nonresident of Illinois.

A student with twelve semester hours or more of university credit who transfers from another collegiate institution or from a department in the University of Illinois to the curricula in architecture must have a scholastic average in his collegiate work of not less than 3.25 in terms of the grading system of the University of Illinois.

I concur.

On motion of Mr. Swain, these changes were approved.

### EXAMINATIONS IN HIGH SCHOOL AND COLLEGE SUBJECTS

(11) The University, through the Office of Admissions and Records, gives three types of examinations in high school and college subjects:

1. Entrance examinations to applicants for admission to the University who are not graduates of accredited high schools or are deficient in some high school subjects;
2. High school examinations for persons who seek to qualify for admission to the study of law; and
3. Examinations in college subjects (prelegal) also for applicants who wish to qualify for the study of law.

The entrance examinations were established by the Board of Trustees in the first year of the University primarily as a means of qualifying for admission to the University and these examinations have been offered since that time.

A supplementary high school examination program was approved in the academic year 1917-18 by the Board of Trustees to assist applicants for admission to the examinations for the certificate of Certified Public Accountant to meet educational requirements, and later to provide a method students might use to make up high school deficiencies prior to studying law. The standards of the two sets of high school examinations are the same; credit earned in either may be

used for admission purposes or qualification for the preliminary requirements for prelegal studies.

In the fall of 1917, as a result of an agreement with the State Board of Bar Examiners, the University began offering periodic high school examinations in Chicago to enable prelegal candidates to comply with a rule of the Supreme Court of Illinois that a prelegal student either must have graduated from high school or present evidence that he had the equivalent of a high school education by passing examinations in standard high school subjects.

The number of enrollees for the high school and college subject prelegal examinations has been steadily decreasing and in view of this the All-University Committee on Admissions and the Dean of Admissions and Records recommend that:

1. Effective February 1, 1962, the University discontinue giving high school and prelegal examinations to persons who are not using them for admission purposes.
2. Effective February 1, 1962, the University limit the number of entrance examinations offered to the following subjects: English composition and rhetoric, one or two years (ordinarily offered in the eleventh or twelfth grades of secondary schools); elementary algebra, one year; plane geometry, one year; Spanish, one or two years; French, one or two years; German, one or two years; Latin, one or two years; modern European history, one year; and other subjects approved by the Office of Admissions and Records. Students who wish to take entrance examinations will be given tests selected by the Office of Admissions and Records, or prepared under the supervision of the Office of Admissions and Records.

The above are administrative recommendations involving no considerations of University educational policy and therefore do not require approval by the University Senates. However, as indicated, they have been considered and approved by an All-Senate Committee. The first recommendation requires Board approval since it rescinds a previous Board action, and I concur. The second has been approved as an administrative procedure and is being reported for record.

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

#### HOUSING REVENUE BONDS

(12) The Vice-President and Comptroller presents and recommends authorization of a Loan Agreement with the Federal Housing and Home Finance Agency for a loan of \$5,000,000 to finance construction of the Pennsylvania Avenue Women's Residence Halls. The total estimated cost is \$5,750,000, of which \$750,000 will be provided from Series C Bonds sold on the market, and \$5,000,000 from Series B Bonds which the Housing and Home Finance Agency would purchase. He further recommends authorization to advertise for the sale of the bonds and retention of the firm of Chapman and Cutler, Chicago, as Counsel for the bond issue.

I concur, and recommend that the Comptroller and the Secretary of the Board be authorized to execute the Loan Agreement and other necessary documents, and to take all other steps required to implement the bond issue.

On motion of Mr. Swain, these recommendations were approved, and authority was given as requested. This action was taken by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Kerner.

#### SUPPLEMENTARY AND NONRECURRING APPROPRIATIONS

(13) The Vice-President and Provost and the Vice-President and Comptroller recommend assignments from the General Reserve, except as otherwise indicated, to supplement the current budgets of the following departments which need additional funds because operating expenses are in excess of budget estimates for 1960-61:

Admissions and Records.....	\$10 123
Art.....	3 500
Botany.....	9 000
Chemistry and Chemical Engineering.....	60 000



Library, Urbana .....	12 500
Microbiology .....	4 300
Physiology .....	5 500
Psychology .....	6 000
Radiation Hazards (from Workmen's Compensation Reserve) .....	4 500
Visual Aids Service (for partial replacement of equipment in the Audio-Visual Aids Service which was lost by fire on February 21; an additional appropriation will be required at a later date) .....	\$25 000
Zoology .....	2 500
Chicago Professional Colleges	
Estimating and Alterations .....	5 000
Business Office .....	6 000

An appropriation of \$2,670 is also recommended for remodeling in the second floor of the Large Animal Clinic, replacing an appropriation of \$3,820 previously made for the Small Animal Clinic.

I concur.

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

#### APPROPRIATION AND CONTRACTS FOR CONSTRUCTION OF BUILDING AT 1011 WEST SPRINGFIELD AVENUE, URBANA

(14) The Director of the Physical Plant and the Vice-President and Controller recommend awards of contracts, as listed below, to the lowest bidders for the construction of a building at the southeast corner of Springfield Avenue and Harvey Street for general University use. The building will be assigned initially for use by the Department of Zoology and by the Bureau of Institutional Research—one-fourth of the space to Zoology and the rest to the Bureau. It will be necessary to relocate the Bureau at an early date because the small frame house in which it is now located must be removed to provide part of the site for the construction of the second unit of the Physics Building.

General—Casserly Construction Company, Champaign, formerly known as the Building Specialists Company .....	\$28 143
Electrical—Neal Morton Electric, Champaign .....	5 764
Plumbing—Thomas Plumbing and Heating Company, Urbana .....	4 900
Heating, Piping, Refrigeration, and Automatic Temperature Control Systems—Reliable Plumbing and Heating Company, Champaign .....	3 290
Ventilating and Distribution System for Conditioned Air—Reliable Plumbing and Heating Company, Champaign .....	4 389

This building will be one of the new buildings proposed by the Physical Plant Department to provide much needed additional space which can be readily converted from one use to another. These buildings will be located in fringe areas so that in construction and design they need not be consistent with the architectural features of buildings on the main campus and will be constructed on land not required in the near future for permanent buildings.

Submitted herewith is a supporting memorandum from the Physical Plant Department on this project, including a schedule of the bids received, a copy of which is being filed with the Secretary of the Board for record.

The total construction cost is \$56,500. An appropriation of \$11,000 was previously made by the Board of Trustees for a Zoology Experimental Building and is available for part of the cost; an additional appropriation of \$45,500 from the General Reserve Fund is requested for the balance.

I concur.

On motion of Mr. Johnston, the contracts were awarded, as recommended, and the requested assignment of funds was made by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Kerner.

**CONTRACTS FOR ADDITION TO ABBOTT POWER PLANT**

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts to the following lowest bidders for the construction of an addition (Unit No. 7, Boiler No. 6) to the Abbott Power Plant:

General — Snyder Construction Company, Inc., Vincennes, Indiana..... \$436 140  
Plumbing — Bellis and Miller, Inc., Champaign..... 23 687

Submitted herewith is a supporting memorandum from the Physical Plant Department, including lists of the bids taken, and a copy is being filed with the Secretary of the Board for record.

Funds are available in the state capital appropriations to the University for 1959-61 and have been released.

I concur.

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

**CONTRACTS FOR REMODELING OF ELECTRICAL ENGINEERING ANNEX**

(16) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts as follows, the award in each case being to the lowest bidder, for remodeling of the Electrical Engineering Annex:

General — C. H. Langman and Son, Rock Island..... \$58 862  
Electrical — Neal Morton Electric, Champaign..... 18 914  
Plumbing — Thomas Plumbing and Heating Company, Urbana..... 7 214  
Heating and Refrigeration — F. R. Inskip and Company, Champaign..... 11 121  
Ventilating — R. H. Bishop Company, Champaign..... 29 840

To reduce the costs of this remodeling, adjustments have been negotiated with the lowest bidders to reduce their contract prices by the following amounts:

General..... \$ 2 333  
Electrical..... 687  
Plumbing..... 428  
Heating and Refrigeration..... 557  
Ventilating..... 1 586  
Total..... \$ 5 591

It is recommended that the contracts be awarded on the base bids, the adjustments to be effected through deductive change orders.

Funds are available in an appropriation of \$74,425 from the General Reserve made by the Board of Trustees on September 21, 1960; a matching federal grant of \$74,425 from the National Institutes of Health under the Health Research Facilities Act; assignments to the Department of Electrical Engineering from Indirect Costs recovered under research contracts, \$2,019; and the College of Engineering contingency fund, \$2,100.

Submitted herewith is a report from the Physical Plant Department on this project, including a schedule of the bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

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

**CONTRACT FOR CAMPUS DEVELOPMENT CONSULTING SERVICES**

(17) The firm of Sasaki, Walker, and Associates, Watertown, Massachusetts, has been employed by authority of the Board of Trustees for consulting services in the area of long-range campus and landscape development. The services have been extremely valuable in planning coordination of various improvement projects and, in view of the future building program, there is continuing need for such professional consulting services.

The Director of the Physical Plant and the Vice-President and Comptroller recommend renewal of the contract with this firm for another year for the following assignments, subject to the availability and release of funds:

Consulting services on projects currently under construction, for which funds are available in various project budgets, estimated cost, \$9,000.

Consulting services on projects currently under study and scheduled for construction for which planning funds have been included in the 1961-62 building program, estimated cost, \$4,000.

Payments will be for services as rendered in accordance with the standard professional rates established in the existing contract.

I concur.

On motion of Mr. Hughes, renewal of this contract, on the terms recommended, was authorized.

#### **EMPLOYMENT OF CONSULTANT ON FOOD SERVICE FACILITIES FOR ORCHARD DOWNS APARTMENTS**

(18) The Director of Auxiliary Services, the Director of the Physical Plant, and the Vice-President and Comptroller recommend authorization of a contract for the employment of Arthur W. Dana, Food Service Consultant, New York City, to plan the layout of the equipment and to prepare detailed specifications for the food service facilities for the Orchard Downs Apartments at a fee based on standard per diem rates for such services, but not to exceed \$3,600.

Funds are available in the construction budget for the Orchard Downs Apartments project.

Submitted herewith is a supporting statement from the Director of Auxiliary Services specifying the services of the consultant and the terms of the contract, and a copy is being filed with the Secretary of the Board for record.

I concur.

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

#### **CONTRACT FOR MECHANICAL AND ELECTRICAL ENGINEERING SERVICES**

(19) By authority of the Board of Trustees, the consulting engineering firm of Brown, Manthei, Davis, and Mullins, Champaign, has been employed by the University for incidental mechanical and electrical engineering services to the Physical Plant Department in the planning of new construction and remodeling work. This employment has been on a standing contract through which change orders have been issued for specific assignments, mostly small jobs best handled by a local firm.

This firm has been an excellent source of consulting services for such work for a number of years. The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of a new contract with Brown, Manthei, Davis, and Mullins for consulting services for a period of two years beginning July 1, 1961, on the same terms and conditions as previous contracts, viz.: a rate of \$7.50 per hour for the time of the four partners, services of other personnel to be billed at actual hourly standard rates paid by the firm plus 100 per cent for overhead costs and commission.

The cost of these consulting services will be charged against the construction budgets of the projects for which the firm is employed.

I concur.

On motion of Mrs. Watkins, renewal of this contract, on the terms recommended, was authorized.

At this point Mr. Harewood joined the meeting.

#### **PURCHASES**

##### **Purchases Authorized**

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

*Urbana-Champaign Departments*

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
300 conical logarithmic spiral antennas	Astronomy	Amphenol-Burg Electronics Corp., Broadview	\$23 574 00 f.o.b. delivered
Single position, 7½ kw. induction generator, 230 volts, 3 phase, and one closed water-to-air heat exchanger to be used with above generator	Ceramic Engineering	Induction Heating Corp., Brooklyn, N.Y.	5 740 00 f.o.b. delivered
Special tabulation of 1958 Census of Business Retail Trade reports for nine groups of ten cities each in eleven states, showing number of establishments, sales, annual payroll, tabulated by predetermined size grouping	Bureau of Economic and Business Research	United States Bureau of the Census, Washington, D.C.	4 000 00 f.o.b. delivered
One white print (dry diazo) automatic machine, 42 in. with 100 watt/inch lamp	Photography	C. F. Pease Co., Chicago	6 920 88 f.o.b. delivered
3,000 copies, printed and bound, <i>High School Mathematics</i> , students' edition, approximately 708 pages per copy, and 3,000 copies, printed and bound, <i>High School Mathematics</i> , teachers' edition, approximately 756 pages per copy	University Press	Howard W. Sams & Co., Indianapolis, Ind.	16 515 36 f.o.b. delivered

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

**Purchases Recommended**

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

I concur.

*Chicago Colleges and Divisions*

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Approximately 3,840,000 cubic feet of bulk oxygen for the two-year period beginning July 1, 1961, and ending June 30, 1963; this oxygen will be supplied throughout the wards and rooms of the Research and Educational Hospitals by the University-owned built-in distribution system	Anesthesiology	National Cylinder Gas, Division of Chemetron Corp., Cicero	\$18 340 00 delivered
One dark room bi-rail track camera and accessories, less trade-in allowance for one used copy camera	Illustration Studios	Roberts & Porter, Inc., Chicago	4 581 00 net delivered
One photo microscope and accessories	Medicine	W. H. Kessel & Co., Chicago	4 483 20 net delivered
Two slit lamps and one tonometer	Ophthalmology	House of Vision, Chicago	2 776 50 delivered
One analog computer	Pharmacology	Donner Scientific Co., Concord, Calif.	4 378 50 net delivered
One two-channel tape recording system	Pharmacology	Elliott-Sarles Co., West Lake, Ohio	3 675 00 f.o.b. Spring Valley, N.Y.
One spectrophotofluorometer and accessories	Physiology	American Instrument Co., Inc., Silver Spring, Md.	4 192 50 net delivered
One microscope condenser, three objectives, two eyepieces, one instrument table, one flash unit adapter	Medicine and Surgery	W. H. Kessel & Co., Chicago	2 962 64 delivered
One microtome			
Time lapse camera and accessories	Medicine and Surgery	A. S. Aloe Co., Schiller Park	3 395 00 delivered
Various Departments	Various Departments	Liquid Carbonic, Division of General Dynamics, Chicago	4 937 70 delivered

Item	Department	Vendor	Cost
Approximately 385 cylinders of snow-thetic gases to be used by various departments of the Chicago Professional Colleges during the year beginning July 1, 1961, through June 30, 1962, subject to renewal for one year by mutual agreement	Various Departments	Puritan Compressed Gas Corp., Chicago	\$6 913 25 delivered
Print and bind 20,000 copies of Undergraduate Division catalogs, 1961-62, approximately 140 pages (one-year's supply)	Chicago Undergraduate Division	Interstate Printers & Publishers, Inc., Danville	6 248 80 delivered

## Urbana-Champaign Departments

Item	Department	Vendor	Cost
Contemporary steel office furniture for offices of the Department of Art in new Fine and Applied Arts Building 32 desks	Art	E & I Cooperative Service, Inc., Garden City, N.Y.	\$ 5 307 20
15 tables		E & I Cooperative Service, Inc., Garden City, N.Y.	1 782 45
20 filing cabinets		All-Steel Equipment, Inc., Aurora	1 160 00
32 swivel chairs		All-Steel Equipment, Inc., Aurora	2 088 00 (10 337 65) f.o.b. delivered
One vacuum ultraviolet monochromator with scanning vacuum grating monochromator, water cooled high-speed diffusion pump, grating, high sensitivity recorder, and single beam absorption attachment	Chemistry and Chemical Engineering	Jarrell-Ash Co., Newtonville, Mass.	18 848 10 f.o.b. delivered
One analytical NMR (nuclear magnetic resonance) spectrometer system consisting of field/frequency control console, room temperature probe, and six-inch magnet system	Chemistry and Chemical Engineering	Varian Associates, Palo Alto, Calif.	24 030 00 f.o.b. delivered
One precession (X-ray diffraction) camera, modified variable film to crystal distance of 6.0 and 10.0 cm., with one each 0.5, 0.65, and 0.8 mm. collimators, eight-layer line screens, and two extra goniometer heads	Chemistry and Chemical Engineering	Charles Supper Co., Watertown, Mass.	2 634 00 f.o.b. delivered
One console comparator microphotometer with digital readout and lock, external focus controls, and potentiometer for use with recorder	Chemistry and Chemical Engineering	National Spectrographic Laboratories, Inc., Cleveland, Ohio	5 335 00 f.o.b. delivered
One centrifuge, automatic superspeed refrigerated, with automatic acceleration and braking, angle head rotor with 400 ml. capacity and large rotor with 1.7 liter capacity	Chemistry and Chemical Engineering	Ivan Sorvall, Inc., Norwalk, Conn.	2 740 00 f.o.b. delivered
One automatic linearly programmed temperature gas chromatograph with disc integrator	Chemistry and Chemical Engineering	Wilkens Instrument & Research, Inc., Walnut Creek, Calif.	3 083 50 f.o.b. delivered
One kneading compactor for performing moisture-density tests on soils	Civil Engineering	Soiltest, Inc., Chicago	2 570 00 f.o.b. delivered
100 type 5966 electronic tubes	Coordinated Science Laboratory	Graybar Electric Co., Peoria	2 790 00 f.o.b. delivered
One group — 18 separate items of microwave equipment, including: Klystron tube mount, transmission line stands, RG 96/U waveguide, bolometers, UG 599/U and UG 600/U flanges, precision and semiprecision attenuators, slotted section, detector mounts, E/H tuner, frequency meter, sliding termination, directional couplers 3 db and 10 db, series tees, shunt tees, and one Klystron Power Supply	Coordinated Science Laboratory	FXR, Inc., c/o Ridgway Associates, Chicago	4 248 00 f.o.b. delivered
12,000 type S-166 germanium transistors	Digital Computer Laboratory	Texas Instruments, Chicago	162 000 00 f.o.b. Dallas, Texas

Item	Department	Vendor	Cost
Machining, drilling, and assembling of 100 connector frames	Digital Computer Laboratory	Northern Tool & Die Co., Chicago	\$5 671 70 f.o.b. delivered
6,200 three-watt and 2,100 $\frac{1}{2}$ -watt resistors, 1 per cent tolerance, miscellaneous values	Digital Computer Laboratory	Dale Electronics, Inc., Columbus, Neb.	3 443 22 f.o.b. Columbus, Neb.
One magnetic drum memory, consisting of two drums, capacity of 65,536 words of 52 bits plus parities, or 3.7 million bits plus drum heads and motors	Digital Computer Laboratory	Vermont Research Corp., Springfield, Vt.	35 000 00 f.o.b. delivered
One digitally-addressed cathode ray tube system	Digital Computer Laboratory	Digital Equipment Corp., Maynard, Mass.	47 000 00 f.o.b. delivered
One paper tape editing equipment consisting of an electric typewriter, keyboard, tape reader, tape punch, and control and routing equipment capable of handling 7-bit binary characters and 8-level paper or "mylar" tape	Digital Computer Laboratory	Tally Register Corp., c/o Pivan Engineering Co., Indianapolis, Ind.	13 073 00 f.o.b. delivered
One ultraviolet direct print recording oscillograph, special lens assembly to provide 30-inch light path from galvanometer element to the recording paper	Electrical Engineering	Consolidated Electrodynamics Corp., Chicago	3 150 00 f.o.b. Pasadena, Calif.
One vertical milling machine, 9 in. x 42 in. table, 12 in. cross travel with 9 in. rotary table; 8 in. double swivel dividing head; shaping attachment; collets, cutting tools, holders; and full set of assorted table bolts and clamps	Electrical Engineering	Don G. Beck, Chicago	3 959 50 f.o.b. delivered
A collection of Proust manuscripts, letters, and documents to be used by Professor Philip Kolb in his edition of Proust's general correspondence and in his biographical studies of Proust	Library	Librairie Henri Lefebvre, Paris, France	18 369 00
One electron microscope, accelerating voltages, to 100 kv., double condensers, guaranteed resolution 8-10A°, magnification range 250 times to 550,000 times, with one year unconditional guarantee	Mining and Metallurgical Engineering	Erb & Gray Scientific, Inc., New York, N.Y.	36 900 00 f.o.b. delivered and installed
One direct recording oscillograph, minimum of 24 channels, chart speed of 0-50 inches per second or greater, timing lines from 1 second to .01 second or less, complete with wind-up spool, but less galvanometers	Nuclear Engineering	Minneapolis-Honeywell Regulator Co., Peoria	4 935 00 f.o.b. delivered
One 75-liters per second vacuum pump with control unit, and one 70-liter capacity vacuum pump, complete with nipple, gaskets, and flanges for a complete vacuum system	Physics	Varian Associates, c/o Crossley Associates, Inc., Chicago	2 947 00 f.o.b. Palo Alto, Calif.
2,342 ft. brass rod, rectangle, angle, and 32 pieces brass sheet and plate	Physics	Hubbell Metals, Inc., St. Louis, Mo.	3 536 49 f.o.b. delivered
Print and bind 2,000 copies of <i>Lincoln as a Lawyer</i> , by John P. Frank, approximately 224 pages per copy	University Press	Colonial Press, Inc., New York, N.Y.	3 345 11 f.o.b. delivered
Print and bind 1,000 copies of <i>Jonathan Baldwin Turner</i> , by Mary Carrier, approximately 312 pages per copy	University Press	J. H. Furst Co., Baltimore, Md.	2 750 40 f.o.b. delivered
Print and bind 2,500 copies of <i>The Letters of Stephen A. Douglas</i> , edited by Robert W. Johannsen, approximately 600 pages per copy	University Press	Kingsport Press, Inc., Kingsport, Tenn.	9 043 49 f.o.b. delivered
Print and bind 5,000 copies of <i>High School Mathematics, Unit 7</i> , students' edition, approximately 168 pages per copy	University Press	Malloy Lithographing, Inc., Ann Arbor, Mich.	2 400 00 f.o.b. Ann Arbor, Mich.
Print and bind additional copies as required after first printing and prior to July 1, 1963, to meet the needs of the program, at the quoted unit prices			
Print and bind 30,000 copies of <i>Undergraduate Courses, 1961-62</i> , approximately 240 pages per copy	University Press	R. R. Donnelley & Sons Co., Chicago	10 180 00 f.o.b. delivered

Item	Department	Vendor	Cost
Print and bind 35,000 copies Time Table, First Semester of 1961-62, approximately 264 pages per copy	University Press	Interstate Printers & Publishers, Inc., Danville	\$7 404 40 f.o.b. delivered
Furnish and install two five-ton (60,000 BTUH) air-cooled air conditioners in Allerton House Dining Room, Monticello	Allerton House	E. E. Hubbard & Son, Monticello	3 183 75 delivered and installed
Eight issues (approximately 31,000 copies per issue, sixteen pages per copy) <i>Alumni News</i> ; July, October, November, December, 1961, February, March, April, June, 1962 Two issues (95,000 copies per issue, eight pages per copy) <i>Alumni News</i> ; Fall, 1961, and Spring, 1962	Alumni Association	E. W. Petty Co., Effingham	21 634 00 f.o.b. delivered
Rental of caps, gowns, and hoods for faculty members and graduating students for June 17, 1961, Commencement; caps, gowns, and hoods are required for approximately 1,900 bachelors, 250 masters, and 175 doctors	Committee on Commencement	Collegiate Cap & Gown Co., Champaign	6 190 00 f.o.b. delivered
Stainless steel kitchen fixtures	McKinley Hospital	L. B. Herbst Corp., Chicago	7 731 88 f.o.b. delivered
Three patient carts, twenty-tray capacity with ice cream freezer, toaster outlet, and twelve-quart beverage capacity One portable electric hot food table; one portable heated plate dispenser; one portable heated soup cup dispenser One clean dish cart	McKinley Hospital	Meals-on-Wheels, Crimsco, Inc., Kansas City, Mo. L. B. Herbst Corp., Chicago	5 280 00 1 454 95
One compartment steamer, electric		Mars Sales & Equipment Co., Centuria Edward Don & Co., Chicago	292 50 555 15 (7 582 60) f.o.b. delivered
One reach-in commercial freezer, 46 cubic foot capacity, with stainless steel exterior and aluminum interior One reach-in commercial refrigerator, 70-cubic foot capacity, with stainless steel exterior and stainless steel interior	McKinley Hospital	Puffer-Hubbard Refrigerator Co., Grand Haven, Mich.	2 700 00 f.o.b. delivered
Cleaning services for Air Force R.O.T.C. basic uniforms for the period of July 1, 1961, through June 30, 1963 (estimated total of pieces to be cleaned is 27,150)	Military Property Custodian	Paris Dyeing & Cleaning Co., Champaign	5 984 50 f.o.b. delivered
Furnish and install hardware and Osnaburg cloth draperies at 225 windows in Graduate Student Residence Hall SG-2	Housing Division	Edwin Raphael Co., Inc., Chicago	2 922 00 f.o.b. delivered and installed
Nine four-door sedans (compact) Five four-door station wagons One carryall truck, $\frac{1}{2}$ ton One van truck, $1\frac{1}{2}$ ton These vehicles will replace vehicles in the present University fleet; the costs are net after deduction for trade-in allowance for vehicles being replaced	Physical Plant Storeroom Illinois Natural History Survey Office Supply Store	Bates Chevrolet Co., Springfield Two sedans Courtesy Motor Sales, Inc., Chicago (Ford) One van truck Dana Hudson, Inc., Champaign (Ford Falcon) Two sedans International Harvester Co., Springfield One carryall truck Noble Motor Co., Danville (Ford) One sedan (Falcon) Three station wagons University Ford Sales, Champaign (Ford) Four sedans (Falcon) Two station wagons	1 622 62 2 469 00 1 648 00 1 449 00 3 295 00 5 421 04 (15 904 66)

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
1,200 study lamps and shades for Orchard Downs Apartments which will be used initially for single student housing	Housing Division	Laurel Lamp Manufacturing Co., Inc., Newark, N.J.	\$8 962.48 f.o.b. delivered
1,420 reams enamel book paper in the following sizes: 900 reams 25 in. x 38 in., 70 lb. 100 reams 22½ in. x 35 in., 58 lb. 300 reams 25 in. x 28½ in., 53 lb. 120 reams 28 in. x 42 in., 87 lb.	Office Supply Store	Decatur Paper House, Inc., Decatur	16 192.71 f.o.b. delivered
40,000 lb. soft white lead paste, federal specifications TT-W-215-B, type C, in 100 lb. kegs	Physical Plant Storeroom	National Lead Co., Chicago	7 300.00 f.o.b. delivered

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

### COMPTROLLER'S REPORT OF CONTRACTS

(21) The Comptroller's report of contracts executed during the period March 1 to March 31, 1961.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Air Force AF19(604)-7473	Basic properties of gaseous plasmas	\$100 000 00	December 1, 1960
United States Air Force AF29(601)-4302	Energy absorbing characteristics of soil and rock	35 000 00	February 1, 1961
United States Air Force AF30(602)-2456	Millimeter and submillimeter receiver techniques	25 000 00	March 1, 1961
United States Air Force AF33(616)-7918	Synthesis of thermally-stable inorganic and coordination polymers	55 000 00	February 1, 1961
United States Air Force AF33(616)-7960	Radiation of high temperature electron-ion plasmas	41 000 00	February 1, 1961
United States Air Force AF33(616)-7978	Solid film lubricant-binder phenomena	36 000 00	March 15, 1961
United States Army DA-ARO(D)-31-124-G6	Effect of molecular structure on the cleavage of oxygen-oxygen bonds	22 980 54	February 28, 1961
United States Atomic Energy Commission AT(11-1)-971	Properties of the inert gas solids	25 985 00	February 1, 1961
United States Department of Health, Education, and Welfare SAE-9299	Improve the qualifications of personnel engaged in or preparing to engage in counseling and guidance of students in secondary schools	217 498 00	January 2, 1961

### Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
Board of Education of the City of Chicago	Six-story brick warehouse at 815-841 South Damen Avenue, Chicago	\$ 6 000 00 annually	March 15, 1961

### Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Crop-Hail Insurance Actuarial Association	Factors influencing hailstorms in Illinois	\$ 6 000 00	February 9, 1961
Illinois Division of Highways IHR-69	Traffic linkage patterns between a metropolitan area and communities within its region of influence	3 000 00	January 20, 1961
Moorman Manufacturing Co.	Poultry nutrition	2 600 00	March 6, 1961
United States Air Force AF19(604)-3481	Electromagnetic wave interaction techniques	15 000 00	February 27, 1961
United States Air Force AF19(604)-5565	Processes in the ionosphere by means of gyro interaction experiments carried out with rockets	85 000 00	March 6, 1961
United States Air Force AF33(616)-6176	Interaction of dissolved interstitial atoms with dislocations	23 049 00	March 2, 1961
United States Air Force AF33(616)-7043	Megawatt electronics, submillimeter wave research	125 000 00	February 13, 1961
United States Air Force AF49(638)-556	Modulation and detection of light at microwave frequencies	27 915 00	January 25, 1961



<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Army DA-11-022-ORD-1980	Tool flank wear	\$16 125 00	January 31, 1961
United States Army DA-49-007-MD-308	Nutritional requirements of the housefly and the significance of vitamin B <sub>1</sub> (carnitine) in the metabolism of insects and other animals	708 52	March 16, 1961
United States Army DA-49-007-MD-544	Nutritive value of major nutrients of irradiated food	12 363 00	March 16, 1961
United States Army DA-49-007-MD-728	Effects of irradiated foods included in a ration fed to dogs	11 005 00	March 16, 1961
United States Army DA-49-007-MD-877	Context effects in psychophysical judgments	2 763 00	March 16, 1961
United States Army DA-49-193-MD-2060	Interpersonal and psychological adjustment of group members	4 415 00	March 16, 1961
United States Atomic Energy Commission AT(11-1)-67, Project No. 4	Unclassified research in the field of radio chemistry	37 677 00	February 8, 1961
United States Bureau of Public Roads	Fatigue of welded beams and girders in structural and low alloy steels	40 000 00	July 1, 1960
United States Department of Health, Education, and Welfare SAE-8722	Mass communications and popular conceptions of education	4 600 00	February 28, 1961
United States Navy Nobs-77003	Low-cycle, high-stress fatigue behavior of materials and structural components of steels, typical of ship application	25 000 00	December 22, 1960
United States Navy Nonr-1834(02)	Development of radio wave direction-finding techniques	100 000 00	August 31, 1960
United States Navy Nonr-1834(21)	Artificial intelligence computers	10 000 00	January 1, 1961
United States Navy Nonr-1834(25)	Chemical behavior of subgrain boundaries in metals	18 500 00	August 14, 1960

#### Adjustments Made in 1960-61 Cost-Plus Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Seventeen items: \$35.00 deduct to \$266.00	\$ 1 401 66	February and March, 1961

This report was received for record.

#### ANNUAL REPORT OF THE TREASURER

(22) In accordance with the By-Laws of the Board of Trustees, the Treasurer of the University has submitted a report of receipts and disbursements of University funds in his custody for the period March 1, 1960, to February 28, 1961, certified by the Comptroller. A copy of this report was sent to each member of the Board of Trustees prior to today's meeting, and a copy is filed with the Secretary of the Board.

This report was received for record.

#### ACQUISITION OF PROPERTY AT 605 EAST DANIEL STREET, CHAMPAIGN

(23) The property of the Cosmopolitan Club of the University of Illinois, a student organization, at 605 East Daniel Street, Champaign, is on the market. The University's long-range campus development plan includes acquisition of this property. The Board of Trustees authorized negotiations with official representatives of the Club for the purchase of its property within appraised valuations, and with the understanding that if it can not be purchased through negotiations, the Club be notified that condemnation proceedings will be instituted by the University for the acquisition of the property.

Subsequently negotiations have been carried on with the Cosmopolitan Club of the University of Illinois, but the Club is unwilling to sell to the University at a reasonable price.

Accordingly, the Director of the Physical Plant and the Vice-President and Comptroller recommend adoption of the following resolution authorizing condemnation proceedings.

**Resolution**

*Be It, and It Is Hereby Resolved, Found, and Declared* by this Board of Trustees of The Board of Trustees of the University of Illinois, a body corporate and politic and a public corporation of the State of Illinois, that the following-described real estate situated in the County of Champaign, in the State of Illinois, to-wit:

Lot Four (4) of William Williamson's Replat of Lots One (1), Two (2) and Three (3), Block One (1) of A. T. Hall's Addition to Champaign, situated in the City of Champaign, County of Champaign, and State of Illinois;

is needed by the University of Illinois, an educational institution established and supported by the State of Illinois, for a vehicular parking area for staff members of the University of Illinois in the conduct of the educational functions of the University of Illinois and for other educational purposes conducted and to be conducted, and for the further expansion of the educational facilities of said University of Illinois, and to enable said University of Illinois to discharge its duty to the people of said State and for public use; that this Board of Trustees has negotiated with the owners of said land through their duly authorized representatives for the purchase of said land at a price which this Board of Trustees considers fair and reasonable and which it finds constitutes the present market value of said land, but that said owners have refused to sell and convey said land to said The Board of Trustees of the University of Illinois for such price and continue to refuse to sell and convey the same to it except for a consideration and price which this Board of Trustees deems unreasonable and excessive and is, therefore, unwilling and has refused to pay; and

*Be It, and It Is Hereby Further Resolved, Found, and Declared* by this Board of Trustees of The Board of Trustees of the University of Illinois that the compensation to be paid by it for said land cannot be agreed upon between this Board of Trustees and the owners of said land and they and it are unable to agree upon the purchase price to be paid to said owners for the sale and conveyance of said land by said owners thereof to said The Board of Trustees of the University of Illinois; and

*Therefore, Be It, and It Is Hereby Further Resolved, Found, and Declared* by this Board of Trustees of The Board of Trustees of the University of Illinois that because of said need of the University of Illinois for said land for the purposes hereinabove set forth and because the compensation to be paid to the owners thereof for such land cannot be agreed upon between them and this Board of Trustees, it is necessary for The Board of Trustees of the University of Illinois to take said land and acquire title thereto through the exercise by it of the right of eminent domain conferred upon it by law and to have the compensation to be paid by it to the owners thereof and any and all other persons who may have any right, title or interest in and to said land determined in the manner provided by law for the exercise of said right and power of eminent domain; and

*Be It, and It Is Hereby Further Resolved* by this Board of Trustees of The Board of Trustees of the University of Illinois that the necessary and appropriate action be taken for the acquisition of title to said property by said The Board of Trustees of the University of Illinois and to have the compensation to be paid therefor determined by the institution and prosecution to completion of a proceeding in eminent domain in a court of competent jurisdiction and that the Legal Counsel of the University be, and he is hereby, authorized to proceed accordingly, to institute and prosecute an eminent domain proceeding in the name and on behalf of The Board of Trustees of the University of Illinois for the acquisition of said land and the determination of the compensation to be paid by it therefor, and to employ such special legal counsel, appraisers, and others as he may deem necessary or desirable to assist him in the institution and prosecution of said proceeding.

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

### APPOINTMENT OF AUDITORS

Mr. Swain, for the Finance Committee, presented the following report:

The Board of Trustees retained the firm of Ernst and Ernst, Certified Public Accountants, for the audit of the University of Illinois accounts for the fiscal year ended June 30, 1958, with the understanding that the firm would be employed for three years, subject to annual review. The employment was continued in 1959 and 1960, and the firm has completed this three-year period.

The Finance Committee requested the firm of Lybrand, Ross Brothers, and Montgomery to submit a proposal for the audit of the University for the year ended June 30, 1961, with the intention of retaining this firm for a three-year period, subject to annual review. The proposal submitted by the firm is on the basis of completing the audit at the prevailing yearly rate for college and university audits, plus cash expenses, plus expenses for travel and subsistence of the staff assigned to the audit, with the understanding that the aggregate charges would not exceed the following amounts:

The University of Illinois.....	
The University of Illinois Residence Halls and Student-Staff Apartments, including bond funds.....	\$ 22 200
The University of Illinois Assembly Hall Revenue Bond Fund.....	
The University Retirement System of Illinois.....	2 200
The University of Illinois Alumni Association.....	600
The Athletic Association of the University of Illinois, including the Retirement System .....	1 000
The University of Illinois Foundation.....	1 300

Under present state law, the Auditor General of Illinois is responsible for auditing or causing to be audited the records of the University. The Auditor General, Mr. Frank H. Whitney, has followed the practice of earlier years in which the Auditor General is consulted concerning the employment of the auditing firm, and the firm employed by the University submits copies of its report directly to him, as well as to the Board of Trustees. Any additional work which the Auditor General may require is at the expense of his office. The firm of Lybrand, Ross Brothers, and Montgomery is acceptable to the Auditor General.

The Finance Committee recommends the employment of Lybrand, Ross Brothers, and Montgomery for the audit of the University accounts for the fiscal year ending June 30, 1961.

On motion of Mr. Swain, the employment of Lybrand, Ross Brothers, and Montgomery was authorized as recommended.

### SECRETARY'S REPORTS

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

#### APPOINTMENTS MADE BY THE PRESIDENT

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

ALESHIRE, IRMA, Clinical Instructor in Dermatology (Medicine), February 10-August 31, 1961, without salary (3-22-61).

ALLDRITT, KEITH, Assistant Professor of English, two years from September 1, 1961, to render service during each academic year, \$6,400 a year (3-6-61).

ALLEN, ALFRED W., Professor of Ceramic Engineering (C), two months from July 1, 1961, \$1,233.33 a month; this is in addition to his present appointment (3-17-61).

AROSTOL, JAMES V., Instructor in Surgery (Medicine), four months from March 1, 1961, without salary (3-17-61).

ASCH, WALTER B., Instructor in Social Sciences (Chicago Undergraduate Division),  $\frac{3}{4}$  time, March 1-August 31, 1961, to render service during the second semester of the academic year, \$1,725, supersedes (3-2-61).

- BAIN, ROBERT A., Assistant in English, February 1-June 15, 1961, \$422.22 a month, supersedes (2-24-61).
- BAKONY, HEDWIG C., Clinical Instructor in Psychiatry (Medicine),  $\frac{1}{2}$  time, seven months from February 1, 1961, \$2,112 a year, supersedes nonsalaried appointment (3-17-61).
- BEARDEN, JAMES M., Research Assistant in Ceramic Engineering (S), June 16-August 31, 1961, \$475 a month, supersedes (3-28-61).
- BESS, LEON, Assistant Professor of Physics (Chicago Undergraduate Division), March 1-August 31, 1961, to render service during the second semester of the academic year, \$3,750, supersedes (3-2-61).
- BLUM, ALAN F., Instructor in Social Sciences (Chicago Undergraduate Division),  $\frac{1}{2}$  time, five months from February 1, 1961, to render service during the second semester of the academic year, \$280 a month, supersedes (3-20-61).
- BORESI, ARTHUR P., Professor of Theoretical and Applied Mechanics (C), two months from June 16, 1961, \$2,222; this is in addition to his present appointment (3-28-61).
- BORRI, ROBERT P., Associate Professor of General Engineering, Summer Session of 1961,  $\frac{1}{2}$  time, June 24-September 9, 1961, \$1,367 for the period (3-28-61).
- BROWN, RICHARD M., Research Assistant in Ceramic Engineering (S), full time, June 16-August 31, 1961, \$433.33 a month, supersedes (3-20-61).
- BUTTS, DAVID P., Assistant in Education, Summer Session of 1961, June 19-July 14, 1961, \$512 for the period (3-27-61).
- CAIRNS, JOHN F., Research Associate in Chemistry, one year from September 1, 1961, \$6,000 (3-28-61).
- CHATMAN, DONALD G., Research Assistant in Medicine (Medicine), four months from March 1, 1961, \$5,500 a year, supersedes (3-27-61).
- COSTELLO, GEORGE, Assistant Professor of Theoretical and Applied Mechanics (C), two months from June 16, 1961, \$1,556; this is in addition to his present appointment (3-28-61).
- CRANDALL, CORYL E., Assistant in English, February 1-June 15, 1961, \$422.22 a month, supersedes (2-24-61).
- CRAWFORD, ROBERT B., Assistant Professor of History, six months from March 1, 1961, to render service during the second semester of the academic year, \$6,500 a year, supersedes (3-2-61).
- DESCLOUX, JEAN, Research Associate in the Digital Computer Laboratory, nine months from September 16, 1961, \$6,500 (3-28-61).
- DICKMAN, KERN W., Research Associate in Sociology and in the Digital Computer Laboratory, six months from March 1, 1961, to render service during the second semester of the academic year, \$7,000 a year, supersedes (2-22-61).
- DILLMAN, L. THOMAS, Visiting Lecturer in Physics, Summer Session of 1961, June 24-September 9, 1961, \$3,000 for the period (3-28-61).
- EDA, KEIICHI, Research Associate in Chemistry, ten months from September 1, 1961, \$6,000 a year (3-28-61).
- ESCOBAR, MIGUEL A., Instructor in Medicine (Medicine), one year from July 1, 1960, without salary (3-17-61).
- FARA, HARRY, Research Associate in Mining and Metallurgical Engineering (C), seven months from February 1, 1961, \$8,000 a year, supersedes (2-24-61).
- FLEMER, STEVENSON, Instructor in Architecture and Art (Chicago Undergraduate Division),  $\frac{1}{2}$  time, March 1-August 31, 1961, to render service during the second semester of the academic year, \$1,600 (3-2-61).
- FOLLIS, STANLEY, Research Assistant in Education (University High School), one month from May 1, 1961, \$750 (3-27-61).
- FOX, MRS. ELAINE, Research Assistant in Botany, seven months from February 1, 1961, \$4,560 a year (2-24-61).
- FREDRICKSON, RICHARD L., Research Associate in the Coordinated Science Laboratory (C), full time, March 1-June 15, 1961, \$550 a month, supersedes (3-17-61).
- FUKAZAWA, KAICHI, Research Associate in Food Technology (S), July 1, 1961-August 31, 1962, \$5,500 a year (3-2-61).
- GABEL, JOHN B., Instructor in English, academic year beginning September 1, 1961, \$6,000 (3-2-61).
- GLENN, NORVAL D., Instructor in Sociology, academic year beginning September 1, 1961, \$6,500 (3-28-61).

- GREENBERG, BERNARD, Assistant Professor of Zoology, Department of Pharmacognosy and Pharmacology (Pharmacy), six months from March 1, 1961, \$3,800, supersedes (3-17-61).
- GRUBB, EUGENE L., Research Associate in Chemistry, March 27-August 31, 1961, \$458.33 a month, supersedes (3-17-61).
- HARRIS, IRWIN, Instructor in Surgery (Medicine), four months from March 1, 1961, without salary (3-17-61).
- HAUG, ELSIE L., Clinical Assistant Professor of Psychiatry (Medicine), seven months from February 1, 1961, without salary (3-17-61).
- HEBTING, CHARLES F., Instructor in Operative Dentistry (Dentistry),  $\frac{4}{5}$  time, six months from March 1, 1961, \$6,000 a year, supersedes (3-2-61).
- HEINS, ROBERT W., Instructor in Mining and Metallurgical Engineering (C), 22/100 time, February 1-June 15, 1961, \$111.11 a month; this is in addition to his appointment as Engineering Faculty Development Teaching Fellow in Mining Engineering (3-27-61).
- HEYNA, WILLIAM F., Assistant in Orthopaedic Surgery (Medicine), 45/100 time, three months from April 1, 1961, without salary, supersedes salaried appointment (3-27-61).
- HILLS, GRAHAM J., Research Associate in Chemistry, June 16-September 15, 1961, \$750 a month (3-28-61).
- HUNT, RICHARD H., Instructor in Architecture and Art (Chicago Undergraduate Division),  $\frac{1}{3}$  time, March 1-August 31, 1961, to render service during the second semester of the academic year, \$917 (3-2-61).
- ISRAEL, PATRICK, Clinical Assistant Professor of Psychiatry (Medicine),  $\frac{1}{4}$  time, five months from April 1, 1961, \$258.33 a month, supersedes (3-17-61).
- JARVIS, KENNETH W., Research Associate in Psychiatry (Medicine), 35/100 time, five months from February 1, 1961, \$300 a month (3-22-61).
- JERAS, MRS. VIVIAN K., Registered Pharmacist in Hospital Pharmacy (Pharmacy), six months from March 1, 1961, \$500 a month, supersedes (3-17-61).
- KAHANE, MRS. RENEE T., Instructor in German, March 1-August 31, 1961, to render service during the second semester of the academic year, \$4,500 a year (2-24-61).
- KATZ, JEROME I., Clinical Instructor in Psychiatry (Medicine), six months from March 1, 1961, without salary (3-17-61).
- KEITH, WALTER M., Professor of Landscape Architecture, Department of City Planning and Landscape Architecture,  $\frac{3}{4}$  time, indefinite tenure, and Director of Robert Allerton Park,  $\frac{1}{2}$  time, six months from March 1, 1961, to render service during the second semester of the academic year, \$10,600 a year, supersedes (2-24-61).
- KOLB, MRS. DOROTHY D., Assistant in German, February 1-June 15, 1961, \$444.44 a month (2-24-61).
- KRUEGER, CHARLES G., Instructor in Mathematics,  $\frac{1}{2}$  time, February 1-June 15, 1961, \$333.33 a month, supersedes (2-24-61).
- KRYSAN, JAMES L., Research Assistant in Entomology, two months from June 16, 1961, \$444.44 a month (3-2-61).
- LANDWEHR, GOTTFRIED, Research Assistant Professor of Electrical Engineering (S), April 16-August 31, 1961, \$833.33 a month, supersedes (3-2-61).
- LAUGHMAN, JOHN R., Professor of Botany,  $\frac{1}{2}$  time, March 1-August 31, 1961, to render service during the second semester of the academic year, \$3,425; and Professor of Botany (College of Liberal Arts and Sciences) and of Plant Genetics, Department of Agronomy (College of Agriculture), indefinite tenure from September 1, 1961, to render service during each academic year, \$13,700 a year, supersedes (3-2-61).
- LEHMANN, JOHN R., Instructor in Electrical Engineering (C),  $\frac{1}{2}$  time, March 1-August 31, 1961, to render service during the second semester of the academic year, \$266.67 a month; this is in addition to his Television Shares Management Corporation Teaching Fellowship in Electrical Engineering; supersedes (3-2-61).
- LENAU, CHARLES W., Research Associate in Theoretical and Applied Mechanics (C),  $\frac{1}{2}$  time, academic year beginning September 1, 1961, \$2,600 (3-28-61).
- LEONARD, LOUISE C., Visiting Lecturer in Education, Summer Session of 1961, June 19-August 12, 1961, \$1,800 for the period (3-28-61).

- LERNER, ISIDOR, Instructor in Physics (Chicago Undergraduate Division), February 1-June 30, 1961, to render service during the second semester of the academic year, \$3,300 (3-2-61).
- LERNER, RICHARD H., Instructor in English (Chicago Undergraduate Division), February 1-June 30, 1961, to render service during the second semester of the academic year, \$2,350, supersedes (3-2-61).
- LEWITT, CHARLES W., Assistant in Civil Engineering (C and S), full time, February 1-June 15, 1961, \$2,250, supersedes (3-17-61).
- LIM, YUNG KUO, Research Associate in Physics (C), one year from February 1, 1961, \$7,000, supersedes (3-22-61).
- LINSTER, RICHARD L., Visiting Lecturer in Physics, Summer Session of 1961, June 19-August 12, 1961, \$2,100 for the period (3-28-61).
- MACK, CHARLES B., Project Assistant in the State Natural History Survey, March 16-August 31, 1961, \$350 a month (3-20-61).
- MARTINEZ, RAFAEL V., Instructor in Foreign Languages (Chicago Undergraduate Division),  $\frac{1}{4}$  time, five months from February 1, 1961, to render service during the second semester of the academic year, \$700 (3-20-61).
- MASON, NORMA, Clinical Assistant Professor of Psychiatry (Medicine), six months from March 1, 1961, without salary (3-17-61).
- MCCLELLAND, DAN R., Assistant Security Officer, five months from April 1, 1961, \$541.67 a month (3-22-61).
- McMURRAY, CARL D., Research Associate in Political Science,  $\frac{3}{4}$  time, two months from June 16, 1961, \$1,000 (3-2-61).
- MICHEL, PIERRE E. J., Visiting Lecturer in English, academic year beginning September 1, 1961, \$5,400 (3-2-61).
- MILLER, JOHN F., Instructor in Architecture and Art (Chicago Undergraduate Division),  $\frac{2}{3}$  time, March 1-August 31, 1961, to render service during the second semester of the academic year, \$2,500 (2-28-61).
- MORGAN, ANNE D., Instructor in Foreign Languages (Chicago Undergraduate Division), February 1-June 30, 1961, to render service during the second semester of the academic year, \$1,150 (3-2-61).
- NARASIMHAN, RANGASWAMY, Research Associate in the Digital Computer Laboratory, nine months from September 16, 1961, \$5,000 (3-20-61).
- NELSON, DOROTHY, Research Associate in Clinical Science (Medicine), seven months from February 1, 1961, without salary, supersedes salaried appointment (3-22-61).
- OBATA, MORIO, Research Assistant Professor of Mathematics, February 1-March 20, 1961, \$1,000 (3-6-61).
- ODDIS, NILANDINO A., Clinical Assistant in Medicine (Medicine), seven months from February 1, 1961, without salary (2-24-61).
- O'GRADY, GERALD L., Instructor in English, academic year beginning September 1, 1961, \$6,000 (3-2-61).
- ORME, JOHN E., Research Assistant in Physics (C), full time, six months from March 1, 1961, \$407.34 a month, supersedes (3-17-61).
- OTT, ROGER A., Instructor in Surgery (Medicine), four months from March 1, 1961, without salary (3-17-61).
- PAK, JINGYAL, Assistant in Mathematics,  $\frac{3}{4}$  time, and Research Assistant in Mathematics,  $\frac{1}{4}$  time, February 1-June 15, 1961, \$1,900 (2-24-61).
- PESSALL, NEIL, Research Associate in Mining and Metallurgical Engineering (C), eleven months from October 1, 1961, \$7,000 a year (3-28-61).
- PHILLIPS, ANNE, Instructor in English (Chicago Undergraduate Division),  $\frac{1}{2}$  time, February 1-June 30, 1961, to render service during the second semester of the academic year, \$1,125 (3-2-61).
- REES, MRS. CANDIDA K., Instructor in Mathematics (Chicago Undergraduate Division), February 1-June 30, 1961, to render service during the second semester of the academic year, \$2,600 (2-24-61).
- REILLY, JAMES R., Instructor in Veterinary Pathology and Hygiene (College of Veterinary Medicine),  $\frac{1}{2}$  time, six months from March 1, 1961, \$277.75 a month, supersedes (3-2-61).
- RITTER, DIANE S., Assistant in Occupational Therapy (Medicine), March 8-August 31, 1961, \$433.34 a month (3-17-61).
- SCHWARZ, MARVIN, Clinical Assistant Professor of Psychiatry (Medicine),  $\frac{1}{4}$  time, seven months from February 1, 1961, \$3,250 a year, supersedes (3-17-61).

- SEIDEL, MICHAEL C., Research Associate in Chemistry, March 16-March 31, 1961, \$458.34 a month (3-22-61).
- SEVIGNY, ALLEN J., Assistant Serials and Acquisitions Librarian, with rank of Instructor (Chicago Undergraduate Division),  $\frac{1}{2}$  time, January 30-June 30, 1961, \$1,160 (2-24-61).
- SIEGEL, PETER, Instructor in Obstetrics and Gynecology (Medicine), seven months from February 1, 1961, \$9,600 a year, supersedes (3-17-61).
- SINHA, RAMESH C., Research Associate in Botany, seven months from February 1, 1961, \$6,000 a year, supersedes (2-24-61).
- SISKIND, CAROLINE C., Instructor in English (Chicago Undergraduate Division),  $\frac{1}{2}$  time, February 1-June 30, 1961, to render service during the second semester of the academic year, \$1,200 (3-2-61).
- SMELTE, RITA, Research Assistant in Microbiology (Medicine), six months from March 1, 1961, \$4,700 a year (3-27-61).
- SMITH, JACK L., Research Associate in Animal Science (S), one year from September 1, 1961, \$5,700 (3-17-61).
- SMITH, ROBERT B., Assistant Professor of Music,  $\frac{1}{2}$  time, and of Home Economics,  $\frac{1}{2}$  time, March 1-August 31, 1961, to render service during the second semester of the academic year, \$6,400 a year, supersedes (3-2-61).
- SNOKE, MYRON D., Adjutant in the Department of Military Science and Tactics,  $\frac{1}{10}$  time, five months from April 1, 1961, \$50 a month (3-22-61).
- SPENCER, JOBBIE D., Research Assistant in Botany, seven months from February 1, 1961, \$4,800 a year (3-2-61).
- SRINIVASAN, V. R., Research Assistant Professor in the School of Life Sciences, six months from March 1, 1961, \$8,000 a year, supersedes (3-17-61).
- STARKMAN, LEON, Instructor in Surgery (Medicine), four months from March 1, 1961, without salary (3-17-61).
- SYED, MRS. AMNA K., Instructor in Education, six months from March 1, 1961, to render service during the second semester of the academic year, \$5,500 a year (3-2-61).
- THOMAS, ALAN R., Instructor in Music,  $\frac{2}{3}$  time, and in Physical Education for Women,  $\frac{1}{3}$  time, March 1-August 31, 1961, to render service during the second semester of the academic year, \$6,690 a year, supersedes (2-24-61).
- TOBIN, ARNOLD D., Clinical Assistant Professor of Psychiatry (Medicine),  $\frac{1}{3}$  time, seven months from February 1, 1961, \$2,400 a year (3-17-61).
- VARADANI, PARTAB T., Research Associate in Animal Science (S), seven months from February 1, 1961, \$5,800 a year, supersedes (3-20-61).
- WALETT, FRANCIS G., Visiting Lecturer in Education, Summer Session of 1961, June 19-August 12, 1961, \$1,700 for the period (3-28-61).
- WALLACE, CHRISTOPHER S., Research Associate in the Digital Computer Laboratory, six months from March 1, 1961, \$8,000 a year, supersedes (3-6-61).
- WANG, HSU-SHIEN, Research Assistant in Agricultural Entomology (S),  $\frac{1}{2}$  time, three months from March 1, 1961, \$208.33 a month, and full time, three months from June 1, 1961, \$416.67 a month (3-27-61).
- WASSON, RICHARD H., Instructor in English, academic year beginning September 1, 1961, \$6,000 (3-2-61).
- WELCH, PHILIP B., Lecturer in Architecture (Chicago Undergraduate Division),  $\frac{1}{2}$  time, March 1-August 31, 1961, to render service during the second semester of the academic year, \$1,750 (3-2-61).
- WHITCOMB, ROBERT F., Research Associate in Botany, seven months from February 1, 1961, \$6,000 a year, supersedes (2-24-61).
- WHITE, LOUISE D., Instructor in Foreign Languages (Chicago Undergraduate Division),  $\frac{1}{2}$  time, February 1-June 30, 1961, to render service during the second semester of the academic year, \$1,875, supersedes (3-2-61).
- WILLIAMS, A. RICHARD, Professor of Architecture, indefinite tenure,  $\frac{1}{2}$  time, March 1-August 31, 1961, \$595.83 a month; and full time, from September 1, 1961, \$14,300 a year, to render service during each academic year, supersedes (2-24-61).
- WILSON, JEAN G., Research Assistant in Agricultural Entomology (S), six months from March 1, 1961, \$416.67 a month (3-22-61).
- WOOLLEY, DALE E., Assistant in English, February 1-June 15, 1961, \$422.22 a month, supersedes (2-24-61).

YEN, SHEE-MANG, Associate Professor of Aeronautical Engineering (C), two months from June 16, 1961, \$1,055.50 a month; this is in addition to his present appointment (3-2-61).

#### FELLOWS

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

DeTURK, PHILLIP E., Edward L. Ryerson Traveling Fellow in City Planning and Landscape Architecture for 1961-62.

GREEN, THOMAS D., Twenty-seventh Francis J. Plym Fellow in Architectural Engineering for 1961.

NARCISI, LOUIS J., Edward L. Ryerson Traveling Fellow in Architecture for 1961.

#### GRADUATE FELLOWS

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

AMIN, RAJNIKANT B., Lead Industries Fellow in Ceramic Engineering, nine months from September 16, 1961, \$2,000 (4-1-61).

ASTLE, WILLIAM R., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$720 (2-27-61).

BARONE, SAM, Teaching Fellow in Economics, nine months from September 16, 1961, \$1,000 (4-1-61).

BEHR, MERLYN J., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$720 (2-27-61).

BERGER, RICHARD L., National Lead Company Fellow in Geology, nine months from September 16, 1961, \$1,500 (4-1-61).

BEYLE, THAD L., Charles E. Merriam Fellow in Political Science, nine months from September 16, 1961, \$1,800 (4-1-61).

BRAGAVAN, HEMMIGE N., Wright Fellow in Animal Science, nine months from September 16, 1961, \$1,500 (4-1-61).

BRANDON, RONALD A., Teaching Fellow in Zoology, nine months from September 16, 1961, \$1,000 (4-1-61).

BRITTAIN, THOMAS M., Fellow (Teaching Intern) in Mechanical Engineering, nine months from September 16, 1961, \$2,000 (4-1-61).

BROWN, ROBERT H., Fellow in Music, nine months from September 16, 1961, \$1,500 (4-1-61).

BURGER, EDWARD H., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$720 (2-27-61).

BURKE, FREDDIE L., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$1,080 (2-27-61).

BUTLER, KENNETH J., Fellow in Art, nine months from September 16, 1961, \$1,500 (4-1-61).

CANALE-PAROLA, ERCOLE, United States Public Health Service Fellow (Trainee) in Microbiology, February 1-June 15, 1961, \$450 (2-13-61).

CARLSON, C. G., Fellow in Chemistry, September 16, 1961-January 31, 1962, \$825 (4-1-61).

CAWLEY, ROBERT G., Teaching Fellow in Physics, nine months from September 16, 1961, \$1,000 (4-1-61).

CHRISPEELS, M. J., Fellow in Agronomy, nine months from September 16, 1961, \$1,500 (4-1-61).

CHUANG, K. P., Fellow in Civil Engineering, September 16, 1961-January 31, 1962, \$750 (4-1-61).

CLARKE, GREGORY B., United States Public Health Service Fellow (Trainee) in Food Technology, seven months from February 1, 1961, \$1,283.31, supersedes (3-1-61).

CLAUSING, ARTHUR M., Fellow in Mechanical Engineering, nine months from September 16, 1961, \$1,500 (4-1-61).

CORICK, JAMES A., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$960 (2-27-61).

COOGAN, ALAN H., Fellow in Geology, nine months from September 16, 1961, \$1,500 (4-1-61).

CREECH, ROGER L., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$840 (2-27-61).



- CUTLER, WILLIAM F., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$840 (2-27-61).
- DAI, PETER K., Fellow in Civil Engineering, nine months from September 16, 1961, \$1,500 (4-1-61).
- DAUNISH, MRS. GERALDINE F., Mathematics Institute Fellow in Mathematics, February 1-June 15, 1961, \$2,375, supersedes; and two months from June 16, 1961, \$1,080 (3-1-61).
- DAVIS, MILTON A., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$840 (2-27-61).
- DAWSON, NANCY L., Fellow in History, nine months from September 16, 1961, \$1,500 (4-1-61).
- DEWAN, R. K., Fellow in Chemistry, nine months from September 16, 1961, \$1,650 (4-1-61).
- DEHL, WAYNE E., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$840 (2-27-61).
- DIETZ, HANS P., Fellow in the Classics, nine months from September 16, 1961, \$1,500 (4-1-61).
- CONNELLAN, B. A., Raymond Concrete Pile Company Fellow (in memorial to A. E. Cummings) in Civil Engineering, nine months from September 16, 1961, \$1,500 (4-1-61).
- DONOGHUE, JOHN T., Universal Match Foundation Fellow in Chemistry, nine months from September 16, 1961, \$1,800 (4-1-61).
- DONOHUE, JOHN T., Fellow in Physics, nine months from September 16, 1961, \$1,650 (4-1-61).
- DOWNING, GEORGE L., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$960 (2-27-61).
- DREW, ERNEST H., Fellow in Chemistry, September 16, 1961-January 31, 1962, \$825 (4-1-61).
- DRINKALL, MRS. DERRY D., Teaching Fellow in Music, nine months from September 16, 1961, \$1,000 (4-1-61).
- DRINKALL, ROGER, Fellow in Music, nine months from September 16, 1961, \$1,500 (4-1-61).
- EGAWA, ROY T., Fellow in Civil Engineering, September 16, 1961-January 31, 1962, \$750 (4-1-61).
- EISELE, GEORGE A., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$960 (2-27-61).
- ELASSAL, ATEF A., Fellow in Civil Engineering, nine months from September 16, 1961, \$1,500 (4-1-61).
- ERFLE, JAMES D., Fellow in Animal Science, nine months from September 16, 1961, \$1,500 (4-1-61).
- EVANS, CLARYCE L., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$600 (2-27-61).
- EYMAN, D. P., Esso Research and Engineering Company Fellow in Chemistry, nine months from September 16, 1961, \$2,400 (4-1-61).
- FARMER, MELVIN L., Fellow in Chemistry, nine months from September 16, 1961, \$1,650 (4-1-61).
- FELERTAG, ROBERT H., Monmouth College Fellow in Chemistry, nine months from September 16, 1961, \$1,500 (4-1-61).
- FERRILL, ARTHUR L., Fellow in History, nine months from September 16, 1961, \$1,500 (4-1-61).
- FISHER, THOMAS H., Monsanto Chemical Company Fellow in Chemistry, nine months from September 16, 1961, \$1,900 (4-1-61).
- FITZKE, DAYLE G., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$960 (2-27-61).
- GAMBLE, WILLIAM L., Teaching Fellow in Civil Engineering, nine months from September 16, 1961, \$1,000 (4-1-61).
- GAUDETTE, HENRI E., Fellow in Geology, nine months from September 16, 1961, \$1,500 (4-1-61).
- GEORGE, JAMES, Teaching Fellow in Chemistry, nine months from September 16, 1961, \$1,000 (4-1-61).
- GILBERT, W. H., JR., Fellow (Teaching Intern) in Mechanical Engineering, nine months from September 16, 1961, \$2,000 (4-1-61).

- GIST, RONALD, Teaching Fellow in Marketing, nine months from September 16, 1961, \$1,000 (4-1-61).
- GREER, JAMES E., Shell Companies Foundation Fellow in Geology, nine months from September 16, 1961, \$1,800 (4-1-61).
- GROESCHEL, EDWARD C., JR., Campbell Soup Company Fellow in Food Technology, nine months from September 16, 1961, \$2,400 (4-1-61).
- GUFFEY, GEORGE R., Fellow in English, nine months from September 16, 1961, \$1,500 (4-1-61).
- HAGGSTROM, GUS W., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$720 (2-27-61).
- HALL, CHARLES A., National Lead Fellow in Ceramic Engineering, nine months from September 16, 1961, \$1,740 (4-1-61).
- HAMMES, HENRY R., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$1,080 (2-27-61).
- HARADER, WAYNE R., Fellow (Teaching Intern) in Electrical Engineering, nine months from September 16, 1961, \$3,000 (4-1-61).
- HARRIS, PHILLIP J., JR., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$720 (2-27-61).
- HAWLEY, JOHN W., Fellow in Geology, nine months from September 16, 1961, \$1,500 (4-1-61).
- HEEREN, ROBERT G., Fellow (Teaching Intern) in Electrical Engineering, nine months from September 16, 1961, \$2,000 (4-1-61).
- HEILES, WILLIAM H., Fellow in Music, nine months from September 16, 1961, \$2,000 (4-1-61).
- HEINS, CONRAD F., Charles Pfizer and Company Fellow in Chemistry, nine months from September 16, 1961, \$1,800 (4-1-61).
- HENDRICKSON, MRS. ELIZABETH K., Fellow in Chemistry, nine months from September 16, 1961, \$1,650 (4-1-61).
- HILL, JAMES L., Teaching Fellow in Theoretical and Applied Mechanics, nine months from September 16, 1961, \$1,000 (4-1-61).
- HUBBELL, JOHN T., Fellow in History, nine months from September 16, 1961, \$1,500 (4-1-61).
- JAGER, OSWALD, National Institutes of Health Fellow (Trainee) in Nutrition (Animal Science), seven months from February 1, 1961, \$1,400 (2-1-61).
- JONES, BARCLAY G., Fellow in Nuclear Engineering, nine months from September 16, 1961, \$1,500 (4-1-61).
- JUAN, CYNTHIA S., Fellow in Chemistry, nine months from September 16, 1961, \$1,650 (4-1-61).
- KARIPIDES, ANASTAS G., Minnesota Mining and Manufacturing Company Fellow in Chemistry, nine months from September 16, 1961, \$2,000 (4-1-61).
- KELLEHER, JAMES J., Fellow in Mathematics, nine months from September 16, 1961, \$2,000 (4-1-61).
- KELLSTEDT, L. A., Teaching Fellow in Political Science, nine months from September 16, 1961, \$1,000 (4-1-61).
- KESLER, OREN B., Fellow in Electrical Engineering, nine months from September 16, 1961, \$1,500 (4-1-61).
- KIRBY, HARRY L., JR., Teaching Fellow in Spanish, nine months from September 16, 1961, \$667 (4-1-61).
- KLEBE, MONA D., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$600 (2-27-61).
- KOENIG, TOM W., Rohm and Haas Company Fellow in Chemistry, nine months from September 16, 1961, \$1,900 (4-1-61).
- KONZ, MARVIN J., Lubrizol Foundation Fellow in Chemistry, nine months from September 16, 1961, \$2,000 (4-1-61).
- KOOPMAN, RAYMOND F., JR., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1961, \$1,800 (4-1-61).
- KOTESA, ROSEMARY A., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$600 (2-27-61).
- LABUTA, JOSEPH A., Fellow in Music, nine months from September 16, 1961, \$1,500 (4-1-61).
- LEBERMANN, KENNETH W., Hackett Fellow in Food Technology, nine months from September 16, 1961, \$1,500 (4-1-61).

- LEHMANN, JOHN R., Television Shares Corporation Teaching Fellow in Electrical Engineering, September 16, 1961-January 31, 1962, \$1,000 (4-1-61).
- LONGHI, RAYMOND, American Cyanamid Company Fellow in Chemistry, nine months from September 16, 1961, \$1,800 (4-1-61).
- LYBY, DAVID, Procter and Gamble Company Fellow in Chemistry, nine months from September 16, 1961, \$2,100 (4-1-61).
- MACEK, ROBERT D., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$600 (2-27-61).
- MACHIELE, DELWYN, Teaching Fellow in Chemistry, nine months from September 16, 1961, \$1,000 (4-1-61).
- MAGURA, DONALD D., Fellow in Civil Engineering, September 16, 1961-January 31, 1962, \$750 (4-1-61).
- MANN, LINDSAY A., Teaching Fellow in English, nine months from September 16, 1961, \$1,000 (4-1-61).
- MAPOTHER, DILLON E., Alfred P. Sloan Postdoctoral Fellow in Physics, July 1-August 15, 1961, \$1,200 a month (3-29-61).
- MARTIN, PRESTON K., Union Carbide Plastics Company Fellow in Chemistry, nine months from September 16, 1961, \$2,100 (4-1-61).
- MAXSON, CARLTON J., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$960 (4-1-61).
- MCCARTY, CHARLES G., Standard Oil Company of California Fellow in Chemistry, nine months from September 16, 1961, \$2,400 (4-1-61).
- MCGREGOR, ROBERT, Fellow in Geography, nine months from September 16, 1961, \$1,500 (4-1-61).
- MCGUIRE, EUGENE J., Fellow in Philosophy, nine months from September 16, 1961, \$1,500 (4-1-61).
- McNARY, ROSS O., Fellow (Teaching Intern) in Mechanical Engineering, nine months from September 16, 1961, \$2,000 (4-1-61).
- MCTAGGART, FRED, Millikin University Fellow in English, nine months from September 16, 1961, \$1,500 (4-1-61).
- MEIER, LYLE K., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$1,080 (2-27-61).
- MERKELO, HENRY, Fellow (Teaching Intern) in Electrical Engineering, nine months from September 16, 1961, \$2,000 (4-1-61).
- MEYERHOLTZ, ROY A., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$840 (2-27-61).
- MILLER, JOHN P., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$600 (2-27-61).
- MOORE, EDMUND T., JR., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$1,080 (2-27-61).
- MUCK, GEORGE A., Wright Fellow in Food Technology, nine months from September 16, 1961, \$1,500 (4-1-61).
- MUTTER, JOSEPH M., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$600 (2-27-61).
- NAZARIAN, JOHN, Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$840 (2-27-61).
- NORTON, MAURICE C., Teaching Fellow in Chemistry, nine months from September 16, 1961, \$1,000 (4-1-61).
- O'REGAN, PATRICK J., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$1,080 (2-27-61).
- PAGONES, MICHAEL J., Fellow in Electrical Engineering, nine months from September 16, 1961, \$1,500 (4-1-61).
- PAHEL, KENNETH R., Fellow in Philosophy, nine months from September 16, 1961, \$1,500 (4-1-61).
- PAINTER, JOHN H., Fellow in Electrical Engineering, nine months from September 16, 1961, \$1,500 (4-1-61).
- PALMER, LEONARD L., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$840 (2-27-61).
- PATTERSON, CHARLES E., JR., Charles E. Merriam Fellow in Political Science, nine months from September 16, 1961, \$1,800 (4-1-61).
- PETERMANN, LOUISE D., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$600 (2-27-61).

- POLYEYA, MRS. BERNICE, Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$600 (2-27-61).
- RECTOR, ROBERT E., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$1,080 (2-27-61).
- REEDY, DANIEL R., Fellow in Spanish, nine months from September 16, 1961, \$1,500 (4-1-61).
- REISS, L. PHILIP, Fellow in Chemical Engineering, September 16, 1961-January 31, 1962, \$825 (4-1-61).
- RIGGLEMAN, BILLY M., Shell Companies Foundation Fellow in Chemical Engineering, nine months from September 16, 1961, \$1,800 (4-1-61).
- ROBERTS, VERNE L., Engineering Faculty Development Teaching Fellow in Theoretical and Applied Mechanics, one year from September 1, 1961, \$2,000 (4-5-61).
- ROBINSON, IRVINE J. W., Conoco Fellow in Mathematics, nine months from September 16, 1961, \$2,200 (4-1-61).
- ROEDER, ROBERT C., Fellow in Astronomy, nine months from September 16, 1961, \$2,000 (4-1-61).
- SABACKY, M. JEROME, Fellow in Chemistry, nine months from September 16, 1961, \$1,650 (4-1-61).
- SAFOWITZ, VIVIAN, Fellow in Music, nine months from September 16, 1961, \$1,500 (4-1-61).
- SCHIMBOR, RICHARD F., Teaching Fellow in Chemistry, nine months from September 16, 1961, \$1,000 (4-1-61).
- SEITZ, CLARE A., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$600 (2-27-61).
- SHERMOEN, RICHARD E., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$960 (2-27-61).
- SINGH, AMARJIT H., Fellow in Physics, nine months from September 16, 1961, \$1,650 (4-1-61).
- SIRACUSA, JOSEPH, Teaching Fellow in Spanish, nine months from September 16, 1961, \$667 (4-1-61).
- SISTER M. CYRIL CARMODY, Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$600 (2-27-61).
- SISTER JOHN OF GOD McGRATH, Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$600 (2-27-61).
- SISTER M. GIOVANNI MEYER, Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$600 (2-27-61).
- SLITER, GEORGE E., Fellow in Theoretical and Applied Mechanics, nine months from September 16, 1961, \$1,500 (4-1-61).
- SMITH, CARROLL, United States Public Health Service Fellow (Special) in Psychiatry (Medicine), November 25, 1960-August 31, 1961, without stipend (3-22-61).
- SPRUNGER, KEITH L., Fellow in History, nine months from September 16, 1961, \$1,500 (4-1-61).
- STAGER, ROBERT A., Fellow in Chemical Engineering, nine months from September 16, 1961, \$1,650 (4-1-61).
- STEIN, ALLAN R., Firestone Tire and Rubber Company Fellow in Chemistry, nine months from September 16, 1961, \$1,500 (4-1-61).
- STEINHARDT, MRS. MARY-DELL, Fellow in Chemistry, nine months from September 16, 1961, \$1,650 (4-1-61).
- STERNAMAN, BARBARA L., Fellow in Physical Sciences, nine months from September 16, 1961, \$1,500 (4-1-61).
- STRICKLAND, ARVAREH E., Kendrick C. Babcock Fellow in History, nine months from September 16, 1961, \$1,800 (4-1-61).
- SUGITA, MINEYASU, Fellow in Social Work, nine months from September 16, 1961, \$1,500 (4-1-61).
- SUSI, MRS. ENDLA V., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$840 (2-27-61).
- TAYLOR, DOUGLAS H., Teaching Fellow in Mathematics, nine months from September 16, 1961, \$1,000 (4-1-61).
- TEPEN, BERNARD F., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$840 (2-27-61).

- TOEFFER, RICHARD E., JR., Engineering Faculty Development Teaching Fellow in Electrical Engineering, February 1-June 15, 1961, \$1,335 (1-16-61).
- TULEEN, DAVID L., Allied Chemical Corporation Fellow in Chemistry, nine months from September 16, 1961, \$2,000 (4-1-61).
- UNDERWOOD, E. E., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$1,080 (2-27-61).
- VAN HISE, JAMES R., Fellow in Chemistry, nine months from September 16, 1961, \$1,650 (4-1-61).
- VERETTE, RALPH M., Fellow in Civil Engineering, nine months from September 16, 1961, \$1,500 (4-1-61).
- WAA, LOREN R., Fellow in Music, nine months from September 16, 1961, \$1,500 (4-1-61).
- WAGNER, JOHN W., Fellow in Accountancy, nine months from September 16, 1961, \$1,500 (4-1-61).
- WALKER, BRIAN L., Fellow in Food Technology, nine months from September 16, 1961, \$1,500 (4-1-61).
- WALLACE, L. NADINE, Fellow in English, nine months from September 16, 1961, \$1,500 (4-1-61).
- WEISGERBER, DAVID W., Fellow in Chemistry, nine months from September 16, 1961, \$1,650 (4-1-61).
- WERTZ, ANN R., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$600 (2-27-61).
- WESTHAL, WALTER R., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$840 (2-27-61).
- WHITE, JOHN M., Fellow in Chemistry, nine months from September 16, 1961, \$1,650 (4-1-61).
- WIENER, MARK F., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$840 (2-27-61).
- WILFONG, ANNE E., Teaching Fellow in English, nine months from September 16, 1961, \$1,000 (4-1-61).
- WILKINS, JOHN W., Teaching Fellow in Physics, nine months from September 16, 1961, \$1,000 (4-1-61).
- WOOSTER, KENNETH, Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$600 (2-27-61).
- YATES, MRS. MARGARET E., Fellow in Chemistry, nine months from September 16, 1961, \$1,650 (4-1-61).
- YETHON, ANDREW, Eli Lilly and Company Fellow in Chemistry, nine months from September 16, 1961, \$1,900 (4-1-61).
- YNTEMA, MARY K., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$600 (2-27-61).
- YUDIN, FLORENCE L., Teaching Fellow in Spanish, nine months from September 16, 1961, \$667 (4-1-61).
- ZIMMERMAN, LESTER J., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$1,080 (2-27-61).

#### RESIGNATIONS AND DECLINATIONS

- ANDERSON, WILLIAM R., Associate Professor of Physics (Chicago Undergraduate Division), Summer Session of 1961 — declination effective June 23, 1961.
- ARNOLD, JACK D., Assistant Professor of Speech (Chicago Undergraduate Division) — resignation effective May 1, 1961.
- ASCARELLI, GIANNI, Research Associate in Physics — resignation effective April 1, 1961.
- CONNELL, BARBARA N., Head Resident, Lincoln Avenue Residence (North) — resignation effective April 1, 1961.
- HANG, DANIEL F., Associate Professor of Electrical Engineering, Summer Session of 1961 — declination effective June 19, 1961.
- HARDING, ROBERT H., Clinical Assistant in Dermatology (Medicine) — resignation effective September 1, 1960.
- HOLLOWAY, WILLIAM W., JR., Research Associate in the Coordinated Science Laboratory — resignation effective April 1, 1961.
- LORD, WILLIAM J., Instructor in Business English, Summer Session of 1961 — declination effective June 19, 1961.
- MCCLELLAND, DAN R., Adjutant in the Department of Military Science and Tactics (Army R.O.T.C.) — resignation effective April 1, 1961.

- RAFF, MRS. MURNA J., Research Assistant in the Digital Computer Laboratory—resignation effective April 1, 1961.
- RAMACHANDRAN, SURYANARAYAN, Research Associate in Plant Pathology—resignation effective April 1, 1961.
- RAU, RICHARD, Assistant in Mathematics, Summer Session of 1961—declination effective June 19, 1961.
- RENSHAW, HAROLD W., Fellow in Entomology—resignation effective February 1, 1961.
- RICHARDSON, THOMAS S., Assistant Professor of Music and Assistant to the Director of Music Extension—resignation effective March 10, 1961.
- SALIB, WAGDI R., Clinical Instructor in Psychiatry (Medicine)—resignation effective February 1, 1961.
- SCAMMAN, MRS. DIANA R., Assistant in Physical Medicine and Rehabilitation (Medicine)—resignation effective April 21, 1961.
- TYLER, W. SCOTT, Editor of the *Illinois Alumni News*—resignation effective April 15, 1961.
- VALEK, JAMES J., Assistant in Physical Education for Men—resignation effective March 18, 1961.
- WAFERLING, JOHN J., Assistant Director of the Physical Plant Department (Chicago Undergraduate Division)—resignation effective April 1, 1961.
- WHITE, LESTER, Assistant Professor of Architecture (Chicago Undergraduate Division)—resignation effective September 1, 1960.
- WINDLAND, MRS. NANCY F., Research Assistant in Microbiology—resignation effective December 13, 1960.

#### LEAVES OF ABSENCE

- DINGER, MRS. SHARON L., Assistant in Veterinary Pathology and Hygiene, in the College of Veterinary Medicine—leave of absence, without pay, for three months from April 1, 1961.
- JOHNSON, KEITH E., Research Associate in Chemistry—leave of absence on account of illness, with full pay, from January 10 to February 16, 1961, and without pay, from February 16 through August 31, 1961.
- KELLEY, WILBUR A., Research Assistant in Horticulture, in the Agricultural Experiment Station—disability leave of absence, with pay, from December 9, 1960, to January 15, 1961.
- LAUGHNAN, JOHN R., Professor of Botany—leave of absence, without pay, from March 1 through August 31, 1961, changed to leave of absence, without pay, on one-half time.
- MOSBORG, ROBERT J., Associate Professor of Civil Engineering—extension of leave of absence, without pay, for an additional year, from September 1, 1961, through August 31, 1962, so that he may continue his studies at the University of California under a second National Science Foundation Faculty Fellowship.
- PRINCE, LOUISE, Head Resident, Noble Hall—leave of absence on account of illness, without pay, from March 2 to April 1, 1961.
- RAWCLIFFE, ROBERT D., Research Associate Professor in the Coordinated Science Laboratory—leave of absence, without pay, for five months from April 1, 1961.
- SCOTT, ARTHUR L., Assistant Professor of English—leave of absence, without pay, from September 1, 1961, to March 1, 1962, so that he may complete a research project at the University of California.
- SCUDDER, CHARLES L., Instructor in Biological Science, in the Chicago Undergraduate Division—leave of absence, without pay, for the academic year 1961-62, so that he may accept a National Science Foundation Fellowship.
- SHELDEN, MIRIAM A., Dean of Women—leave of absence, with full pay, from March 21, 1961, for a period of sixty days, or so much thereof as may be necessary, on account of illness.
- WUERKER, RUDOLPH G., Professor of Mining Engineering—leave of absence on account of illness, with full pay, from February 1 to April 17, 1961, and without pay, from April 17 until further notice.

**FESTIVAL OF CONTEMPORARY ARTS**

Mrs. Watkins asked that the Board take note of the 1961 Festival of Contemporary Arts recently concluded on the Urbana-Champaign campus, and record its appreciation of the services of those in charge for the work they have done. The Secretary was instructed to send an appropriate message to them on behalf of the Trustees.

**EXECUTIVE SESSION**

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

**APPROPRIATION FOR ARCHITECTURAL SERVICES**

(1) In order that work may proceed on plans and specifications for buildings to be financed from the Universities Bond Issue, the Director of the Physical Plant and the Vice-President and Comptroller recommend that an appropriation of \$491,000, or as much thereof as may be necessary, be made from Indirect Costs to cover services performed prior to July 1, 1961. When the proceeds of the Bond Issue become available, subsequent payments will be charged to the state appropriations for the building projects involved, and the unexpended balance in the assignment from Indirect Costs will lapse.

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

**SALE OF PROPERTY AT 609 EAST UNIVERSITY AVENUE.  
CHAMPAIGN, AND PURCHASE OF PROPERTY AT  
901 WEST GREEN STREET, URBANA**

(2) The Board of Trustees on February 15, 1961, authorized the exchange of property owned by the University at 609 East University Avenue, Champaign, for a property at 901 West Green Street, Urbana, which will be needed by the University in its long-range campus development. The Champaign property is an endowment fund investment<sup>1</sup> and the exchange arrangement was subject to an approving opinion of the Legal Counsel as to the University's right to exchange the asset of a trust fund. This property will not be required for campus expansion in the foreseeable future.

The Legal Counsel has advised that this trust fund must be invested in securities and that the property at 901 West Green Street will not qualify as an investment even though it may be owned by the University and the net income is used for the purposes of the endowment. The Champaign property is a qualified investment of the endowment only because it was acquired to protect a mortgage note on the property received as part of the original endowment bequest.

The Vice-President and Comptroller recommends that the University acquire the property at 901 West Green Street, Urbana, through the University of Illinois Foundation, at the previously negotiated price of \$21,000. The Board of Directors of the Foundation has approved this purchase and the First National Bank of Chicago has agreed to finance it. The University will purchase the property from the Foundation when state capital appropriations are available and released for land acquisitions. In the meantime the income from the property will be sufficient for interest and principal payments on the loan.

The Vice-President and Comptroller also recommends that the property at 609 East University Avenue, Champaign, be sold for \$21,000 and the proceeds invested in securities for the endowment fund. A formal resolution authorizing this transaction is submitted herewith.

I concur in these recommendations.

<sup>1</sup> This property represents part of the investment of a bequest made to the University by the late Dean Kendrick C. Babcock of the College of Liberal Arts and Sciences establishing an endowment fund for support of research, fellowships, and publications in history and political science.

On motion of Mr. Johnston, the foregoing recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

#### Resolution

WHEREAS, Paul A. Tangora and Arlene M. Tangora, his wife, of Champaign, Illinois, hereinafter termed "Purchasers," have offered to purchase the hereinafter-described property, upon the terms and conditions hereinafter set forth:

*Now, Therefore, Be It and It Hereby Is Resolved*, by this Board of Trustees of The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this Corporation be, and they hereby are, authorized and directed, in the name, and in behalf of, this Corporation to enter into an agreement with Purchasers providing for the sale and conveyance to Purchasers of the hereinafter-described property upon the following terms and conditions:

At a sale price of \$21,000, with customary adjustments to be made therein for abstracting and closing costs;

This Corporation to furnish Purchasers a merchantable Abstract of Title and to pay for the required Federal Documentary Tax Stamps;

Possession to be delivered to Purchasers at the time final payment is made, which shall be not later than July 1, 1961, but subject to the rights of the DX Sunray Oil Company under the lease entered into between it and this Corporation under date of January 1, 1961, which lease expires January 1, 1966;

Purchase price to be paid in full at the time of delivery of the deed and possession;

Title to be conveyed to be subject to the lease entered into with DX Sunray Oil Company under date of January 1, 1961, and which said lease shall be assigned by this Corporation to Purchasers at the time title is conveyed;

Such other terms and conditions as said Comptroller and Secretary may deem necessary or desirable.

*It Hereby Is Further Resolved* that upon compliance with the terms of said agreement by Purchasers, and in accordance with the terms thereof, said Comptroller and Secretary be, and they hereby are, authorized and directed, to execute, acknowledge, and deliver, in the name, and in behalf of, this Corporation, and under its Corporate Seal, a Warranty Deed and such other documents in connection therewith as said Comptroller and Secretary may deem necessary or desirable in order to convey to Purchasers, not in tenancy in common, but in joint tenancy, title to the following-described property, viz:

Lot One Hundred Four (104) of a Subdivision of the South part of Lot One (1) of the Southwest Quarter of Section Seven (7), Township Nineteen (19) North, Range Nine (9) East of the Third Principal Meridian, in the City of Champaign, in the County of Champaign, and State of Illinois.

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

#### OPEN MEETING

A telephone call was received from Mrs. Florence Scala, 1030 West Taylor Street, Chicago, and Miss Jessie Binford, a resident of Hull House, representing a "Harrison-Halsted Group," requesting a hearing by the Board of Trustees.

On motion of Mr. Swain, this request was granted, and the Board reconvened in open meeting.



On motion of Mr. Clement, a five-minute recess was taken until Mrs. Scala and Miss Binford could appear.

Mrs. Scala and Miss Binford made presentations requesting the Board to reconsider its selection of the Harrison-Halsted Street site for the new Chicago campus of the University of Illinois and to choose another site, preferably Garfield Park. Mrs. Scala stated that the group she represents wants the new University campus within the City but in an area other than the Harrison-Halsted Street site.

Mr. Havens reviewed the site selection work of the Real Estate Research Corporation and the studies made by Skidmore, Owings, and Merrill, Architects and Engineers, which resulted in the selection of four sites: Meigs Field, Garfield Park, Riverside, and the Rail Terminal areas. He explained why the Trustees were obliged to eliminate Meigs Field and the Rail Terminal sites, Meigs Field because of legal restrictions which would prevent conveyance of title to the University, and the Rail Terminal because of the long time which would be involved in acquisition and clearance. He stated that the University made an all-out effort to secure Garfield Park, but title restrictions on key areas, the certainty of prolonged litigation over attempts on the part of the University to purchase and the Chicago Park District to sell, excessive replacement costs, and the reluctance of the Chicago Park District to make any definite commitments eliminated Garfield Park from further consideration. In the meantime, on September 27, 1961, the city of Chicago requested the University to include the Harrison-Halsted Street area as an alternate site with other sites which were then under consideration. Public announcements of this proposal was made at the time. The University proceeded to study this new site while attempts were still being made to acquire Garfield Park. When it became clear that the latter is not feasible, the Board on February 15, 1961, voted to select the Harrison-Halsted Street site and to accept the offer of the same by the city of Chicago.

Miss Binford asked if the Harrison-Halsted Street area was included in the sites studied by the Real Estate Research Corporation of Chicago. Mr. Havens replied that it was not included in the original studies, or in the public report of Real Estate Research Corporation presented to the Board of Trustees in October, 1958, but that the Harrison-Halsted Street area was subsequently studied by the Corporation after it had been proposed by the city of Chicago.

Mr. Dilliard asked if any others present wished to be heard.

A representative of the Garfield Park community, who did not identify himself, made a statement in behalf of the Garfield Park site.

At the conclusion of these presentations, on motion of Mr. Johnston, the Board adjourned.

A. J. JANATA  
*Secretary*

KENNEY E. WILLIAMSON  
*President*