

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

August 1, 1963



The August meeting of the Board of Trustees of the University of Illinois was held in the LaSalle Hotel, Chicago, Illinois, on Thursday, August 1, 1963, beginning at 9:00 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. Kenney E. Williamson. Governor Otto Kerner and Mr. Ray Page were absent.

Also present were Executive Vice-President and Provost Lyle H. Lanier, Vice-President Norman A. Parker, Chicago Undergraduate Division, Vice-President Joseph S. Begando, University of Illinois at the Medical Center, Chicago, Mr. James J. Costello, Legal Counsel, Mr. Donald C. Neville, Assistant to the Director of the Physical Plant (representing Director C. S. Havens), Mr. C. E. Flynn, Assistant to the President and Director of Public Information; and the officers of the Board, Mr. R. R. Manchester, Treasurer, Mr. H. O. Farber, Comptroller, and Mr. A. J. Janata, Secretary.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of the Board of Trustees on February 20, 1963, press proof copies of which have previously been sent to the Board.

On motion of Mr. Johnston, these minutes were approved as printed on pages 359 to 417, inclusive.

**BUSINESS PRESENTED BY THE EXECUTIVE VICE-PRESIDENT
AND PROVOST OF THE UNIVERSITY**

In the absence and on behalf of President David D. Henry, Executive Vice-President and Provost Lyle H. Lanier presented the following reports and recommendations.

APPOINTMENT TO BOARD OF EXAMINERS IN ACCOUNTANCY

(1) The Committee on Accountancy recommends the appointment of Charles W. Davis, Resident Partner of Hopkins, Sutter, Owen, Mulroy, and Wentz, Lawyers, Chicago, to the Board of Examiners in Accountancy for a three-year term beginning July 1, 1963, to succeed Mr. William W. Emery, whose term expired on June 30, 1963.

I concur.

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

**ADVISORY COMMITTEE FOR THE COLLEGE
OF VETERINARY MEDICINE**

(2) The Dean of the College of Veterinary Medicine recommends the following additional new appointments and reappointments to the Advisory Committee for the College of Veterinary Medicine for terms of three years beginning September 1, 1963.

New Appointments

DR. MERRILL W. G. OTTWEIN, Rural Route 2, Edwardsville

Dr. Ottwein received the D.V.M. degree from the University in 1956, and is one of the College's most able alumni. He is keenly interested in the University, the College, and in advancement of the profession.

DR. HAROLD E. HELD, 1254 South Carroll Street, Freeport

Dr. Held received the D.V.M. degree from Iowa State University in 1942, and has been a leader, both professionally and in civic affairs, in the community in which he resides. Dr. Held is well thought of by his colleagues in the profession and has demonstrated excellent judgment and a progressive attitude.

MR. GEORGE BRAUER, Oakford

Mr. Brauer is a livestock farmer; his appointment is recommended by the Illinois Swine Improvement Association.

Reappointments

DR. O. NORLING-CHRISTENSEN, Wilmette

DR. C. A. KRAKOWER, Head of the Department of Pathology, College of Medicine, University of Illinois, Chicago

MR. R. V. MCKEE, Washburn

I concur.

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

APPOINTMENTS TO CENTER FOR ZOONOSIS RESEARCH

(3) On recommendation of the Dean of the College of Veterinary Medicine and Director of the Center for Zoonoses Research, the following appointments to the staff of the Center have been approved and are reported for record.

Senior Memberships (indefinite tenure)

CHARLES S. ALEXANDER, Associate Professor of Geography, College of Liberal Arts and Sciences, University of Illinois

FRED W. FOSTER, Professor of Geography, College of Liberal Arts and Sciences, University of Illinois

MANFORD E. MANSFIELD, Professor of Veterinary Extension and of Veterinary Research, Dixon Springs Experiment Station, University of Illinois

WILLIAM C. MARQUARDT, Associate Professor of Veterinary Pathology and Hygiene and of Veterinary Extension, College of Veterinary Medicine, University of Illinois

ROBERT J. WEBB, Professor of Agricultural Research and Extension, and Superintendent of Dixon Springs Experiment Station, College of Agriculture, University of Illinois

HARRY WRIGHT, Medical Director, Quadri-County Department of Health, Metropolis

Associate Membership (for one year from September 1, 1963)

GILBERT P. WALDBAUER, Professor of Entomology, College of Liberal Arts and Sciences, University of Illinois

Consultants (for three years from September 1, 1963)

CARL M. JOHNSON, Director, Gorgas Memorial Laboratory, Panama, Republic of Panama

FRED D. MAURER, Colonel, Armed Forces Institute of Pathology

MAURICE S. SHAHAN, Plum Island Animal Disease Laboratory, Greenpoint, Long Island, New York

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

APPOINTMENTS TO THE FACULTY

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

1. ROBERT R. ALLEN, Assistant Professor of English, beginning September 1, 1963, at an annual salary of \$7,000.
2. CARL T. ARLT, Bailey Professor of Money, Banking, and Finance, beginning September 1, 1963, at an annual salary of \$20,000.
3. ALFRED J. BANNER, Assistant Professor of Housing and Home Furnishings, in the Department of Home Economics, beginning September 1, 1963, at an annual salary of \$6,800.
4. FRANK H. BEACH, Professor of Marketing, Emeritus, and Acting Head of the Department of Marketing, in the College of Commerce and Business Administration, on three-fifths time, for one year beginning September 1, 1963, at a salary of \$8,000.
5. JOHN H. BEHRENS, Assistant Extension Editor, with rank of Assistant Professor, College of Agriculture, for one year from July 15, 1963, at a salary of \$12,000.
6. JOHN BLACK, George A. Miller Distinguished Professor of Economics, for the academic year 1963-64, at a salary of \$15,000.
7. CÉSAR GRAÑA, Visiting Associate Professor of Sociology, beginning September 1, 1963, at an annual salary of \$12,000.
8. HAROLD W. GUTHRIE, Research Professor in the Bureau of Economic and Business Research, beginning September 1, 1963, at an annual salary of \$14,000.
9. ROBERT H. KOKERNOT, Professor of Epizootiology and Assistant Director of the Center for Zoonoses Research, beginning August 1, 1963, at an annual salary of \$18,000.
10. GILBERT OSOFSKY, Assistant Professor of History, in the Division of Social Sciences, Chicago Undergraduate Division, beginning September 1, 1963, at an annual salary of \$6,750.
11. CHEI-MIN PAIK, Assistant Professor of Business Administration, in the Graduate School of Business Administration, beginning September 1, 1963, at an annual salary of \$8,500.
12. JOHN K. SIMON, Assistant Professor of French, on two-thirds time, and Assistant Professor of English, on one-third time, beginning September 1, 1963, at an annual salary of \$7,500.

13. MARY E. SULLIVAN, Consultant with rank of Associate Professor, in the Jane Addams Graduate School of Social Work, beginning September 1, 1963, at an annual salary of \$11,750.
14. EARLE F. ZEIGLER, Professor of Physical Education for Men, beginning September 1, 1963, at an annual salary of \$12,000.

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

CHAIRMANSHIP OF THE DEPARTMENT OF PHILOSOPHY

(5) The Dean of the College of Liberal Arts and Sciences recommends the appointment of Professor Bernard J. Diggs as Chairman of the Department of Philosophy for two years beginning September 1, 1963, at an annual salary of \$13,000.

The present Chairman, Professor Frederick L. Will, has asked to be relieved of this administrative assignment so that he may devote full time to teaching and research. This recommendation is submitted on nomination by a search committee,¹ and after consultation with the Executive Committee of the Department, and is concurred in by the Executive Vice-President and Provost.

I recommend approval.

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

GRADUATE PROGRAM LEADING TO THE DEGREE OF DOCTOR OF PHILOSOPHY IN BIOLOGY

(6) On recommendation of the School of Life Sciences and with the concurrence of the Executive Committee of the Graduate College, the Urbana-Champaign Senate has recommended establishment of a graduate program leading to the degree of Doctor of Philosophy in Biology, for training graduate students in coordinated interdepartmental areas of biology.

Admission Requirements

A grade-point average of at least 3.75 for the last sixty hours of work.

Students entering the program must meet the admission requirements of the approved area of specialization and in addition have some general training in botany, microbiology, and zoology, with at least a year of college physics, chemistry through organic, and mathematics through analytic geometry.

Requirements for the Degree

College requirements: All students are required to fulfill the general requirements of the Graduate College, including residence, languages, preliminary and final examinations, and the thesis.

Individual programs: A student who elects to major in a particular area of biology and who satisfies the admission requirements in that area will pursue a program of graduate study planned in consultation with his major professor and subject to the approval of the area committee.

Administration of the Program

Major programs in specific areas must be approved by the Executive Committee of the School of Life Sciences, which consists of the Director and the heads or chairmen of the departments. No major program shall be approved until it has been discussed with the departments concerned in that particular area.

Responsibility for the supervision of programs in a major area will rest with an area committee. This committee will consist of an appropriate number of staff members appointed by the Director of the School.

Qualified students may elect as major adviser any staff member participating in the major curriculum. Doctoral committees are recommended by the chairman of an area committee and transmitted through the Director's Office to the Dean of the Graduate College.

¹George T. Frampton, Professor of Law, Chairman; Bernard J. Diggs, Professor of Philosophy; Max H. Fisch, Professor of Philosophy and Associate Member of the Center for Advanced Study; Norman Kretzmann, Assistant Professor of Philosophy; and Frederick L. Will, Professor and Chairman of the Department of Philosophy.

Catalog Entry

A student may receive a degree of Doctor of Philosophy in Biology with a major in one of the approved areas of specialization.

Applicants for admission must have a minimum grade-point average of 3.75 for their last sixty hours of work and must meet the admission requirements of the approved area of specialization; in addition, they should have some general training in botany, microbiology, and zoology, with at least a year of college physics, chemistry through organic, and mathematics through analytic geometry.

Individual programs are planned in consultation with the faculty adviser and are subject to approval by an area committee. Thesis research may be carried out with the direction of any of the participating staff members under the appropriate departmental research course listings. Students in the program are eligible for assistantships and fellowships in the appropriate department of their major adviser.

Inquiries concerning the program should be sent to the Director of the School of Life Sciences, 131 Burrill Hall.

The Board of Trustees has previously approved a recommendation from the Senate for a graduate program leading to the degree of Master of Science in the Biological Sciences.

Submitted herewith is a supporting statement concerning the proposal for the new degree, a copy of which is filed with the Secretary of the Board for record.

I concur in the recommendation of the Senate for the new program leading to the Doctor of Philosophy degree, subject to further action by the Board of Higher Education; and I further recommend that the title of the master's degree be changed to Master of Science in Biology to be consistent with the title of the Doctor of Philosophy degree.

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

UNDERGRADUATE CURRICULUM IN LANDSCAPE ARCHITECTURE

(7) On recommendation of the Department of City Planning and Landscape Architecture and the College of Fine and Applied Arts, the Urbana-Champaign Senate has approved certain revisions in the undergraduate curriculum in landscape architecture which do not require approval by the Board of Trustees, but included is a recommendation that the name of the degree be changed from Bachelor of Fine Arts in Landscape Architecture to Bachelor of Landscape Architecture. The master's degree will be changed to Master of Landscape Architecture.

I recommend approval.

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

APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(8) The Executive Vice-President and Provost and the Vice-President and Comptroller recommend the following appropriations and assignments of funds from the University General Reserve:

Urbana-Champaign

1. Physical Plant Department

Moving and air conditioning of houses at 606 and 606½ South Mathews Avenue to 1205 West Nevada Street, to clear land required as a part of the site for construction of a new chemistry laboratory building	\$23 434 00
Department of City Planning and Landscape Architecture, remodeling two rooms in Mumford Hall for additional office space.....	3 585 00

Chicago Undergraduate Division

1. Equipment for Central Stenographic Services.....	6 500 00
<i>Total</i>	\$33 519 00

I concur.

On motion of Mr. Johnston, these appropriations were made by the

following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Kerner, Mr. Page.

PURCHASE OF LLOYD F. NICKELL LIBRARY

(9) The Dean of Library Administration recommends the purchase of the library of the late Dr. Lloyd F. Nickell of Champaign at a price of \$45,000.

The library is a collection of eighteenth-century English literature which he assembled over a period of years while living in England. Dr. Nickell, who died about a year ago, was an alumnus of the University of Illinois Class of 1909. A supporting statement from the Dean of Library Administration is submitted herewith and a copy is filed with the Secretary of the Board.

The Library will assign \$15,000 from its funds budgeted for acquisitions for 1963-64 and an assignment of \$30,000 from Indirect Costs—General funds is requested to provide the balance needed.

I recommend approval.

On motion of Mrs. Watkins, this purchase was authorized and the requested assignment of funds was approved by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Kerner, Mr. Page.

CONTRACT FOR PLUMBING FOR UNDERGROUND STEAM TUNNEL TO MATERIALS RESEARCH LABORATORY

(10) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$10,170, to the Burdick Plumbing and Heating Company, Inc., Decatur, Illinois, for plumbing installations in the underground steam tunnel extension to the Materials Research Laboratory.

Funds are available in the state capital appropriations for 1961-63 from the Universities Building Fund and have been reappropriated for 1963-65.

I concur.

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

CONTRACT FOR CAMPUS BUS SERVICE

(11) The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of a contract with the Champaign-Urbana City Lines, Inc., for a campus bus service for students and staff along the lines of the bus service operated under a University contract last year. Specific recommendations are that:

Authority be granted to continue the Illi-Bus operation starting September 10, 1963, until November 30, 1963.

The five-cent fare per passenger be continued except that those students living in Orchard Downs will be issued passes to ride free from the Downs to any point on the route; however, the passes will be honored only for a return trip to the Downs from the corner of Nevada Street and Goodwin Avenue, or at any regular bus stop between that corner and Orchard Downs.

The Illi-Bus service be utilized to provide transportation for faculty and staff registering vehicles in accordance with the new University parking regulations to become effective September 1, 1963.

The University be authorized to enter into an agreement with the Champaign-Urbana City Lines, Inc., for the period beginning September 10, 1963, and ending November 30, 1963, based on a rate of \$5.15 per bus hour of operation (this includes use of the equipment and employment of necessary personnel to provide the desired bus service, and sufficient insurance to protect both the company and the University against liability for personal injuries or property damages arising out of the operation of this service).

WALTER JOHN FREDRICK WADMAN, Glenview, Illinois	WARREN LeROY WHITE, Chicago, Illinois
MARK CRAVEN WALKER, Jr., Chicago, Illinois	HENRY EDWARD WIERENGA, Cicero, Illinois
GERALD MICHAEL WALSH, Chicago, Illinois	EDWARD ALLEN WILLIAMS, Chicago, Illinois
HAROLD RICHARD WARMAN, Arlington Heights, Illinois	DENNIS WILBERT WILLIAMSON, Skokie, Illinois
ROBERT RAVEN WEAVER, Rockford, Illinois	ELWYN CHARLES WINLAND, Mt. Prospect, Illinois
JOHN HERBERT WELLMAN, Jacksonville, Illinois	RONALD JOHN WITEK, Oak Lawn, Illinois
DONALD JOHN WERNER, Champaign, Illinois	WAYNE WESLEY WOLF, La Grange Park, Illinois
WILLIAM FREDRICK WERTH, Evanston, Illinois	STEVEN EDWARD WOLLACK, Skokie, Illinois
THOMAS DENNIS WHITE, Champaign, Illinois	HOWARD YEFSKY, Chicago, Illinois

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

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
WILLIAM PAUL AUSMAN	Lawrenceville, Illinois	Alabama
MERLIN MURRAY BAILEY	Indianapolis, Indiana	Indiana
WALTER P. BOYD	Phoenix, Arizona	Arizona
CHARLES VINCENT DOHERTY	Chicago, Illinois	Pennsylvania
EARL WILLIAM DRUEHL	Davenport, Iowa	Iowa
ROBERT EARLE HEARNES	Charleston, Missouri	Missouri
GEORGE FREDERICK HELLER	Wilmette, Illinois	Indiana
PAUL ALLEN HENDRIX	Cape Girardeau, Missouri	Missouri
JOHN ADOLPH NESBIT	Belleville, Illinois	Missouri
BOB R. RITCHART	Indianapolis, Indiana	Indiana
DONALD MAURICE UREEL	Western Springs, Illinois	Michigan

I concur.

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

ADVISORY COMMITTEE FOR THE DIVISION OF UNIVERSITY EXTENSION

(2) The Dean of the Division of University Extension recommends the following appointments to the Division of University Extension Advisory Committee for two years beginning September 1, 1963.

Representatives of the University

PROFESSOR VAN MILLER, College of Education

PROFESSOR PHILLIP MONYPENNY, Department of Political Science

These appointees replace Professor Harvey W. Huegy, Head, Department of Marketing, and Professor George W. White, Head, Department of Geology, whose terms have expired.

Other representatives of the University on the Committee are: Professor Charles K. Brightbill, Head, Department of Recreation and Municipal Park Administration; Professor Warren F. Doolittle, Jr., Department of Art; and Professor Kenneth J. Trigger, Department of Mechanical and Industrial Engineering.

**RENEWAL OF LEASES AT NAVY PIER
FOR CHICAGO UNDERGRADUATE DIVISION**

(13) The University's leases with the city of Chicago for portions of Navy Pier and the adjacent Drill Hall and parking facilities for the University of Illinois Chicago Undergraduate Division expired June 30, 1963. As a result of negotiations with city officials it has been determined that the University may again renew the leases on the same terms on which the leases were renewed in 1960 and subsequently amended, except for the following changes which have been agreed to by the City:

- a. All provisions of the lease for the facilities used by the University on Navy Pier, excluding the provision for parking facilities in the vicinity of the Drill Hall, will be extended to January 1, 1965, with the University having the option to renew the lease on a month-to-month basis thereafter for a period of six months. The rental will be \$161,340 per year, a reduction of \$5,760 to cover the deletion of parking facilities to be transferred to the Drill Hall lease.
- b. All provisions of the lease for the Drill Hall will be extended to June 30, 1965, with the University having the option to extend this lease thereafter for three successive periods of one year each. Said lease will be amended to include the parking facilities in the vicinity of the Drill Hall being deleted from the Navy Pier lease. The rental will be \$31,000.08 per year, an increase of \$5,760 to cover the use of the parking facilities not previously a part of this lease.

The University's planning for the construction of the Congress Circle Campus anticipates beneficial occupancy by February 1, 1965, with completion in the spring.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees authorize the Secretary of the Board and the Vice-President and Comptroller to execute renewals of the leases for the Navy Pier facilities on the terms set forth above.

I concur.

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

**HOUSING AND HOME FINANCE AGENCY LOAN FOR CONSTRUCTION
OF SINGLE GRADUATE RESIDENCE HALL**

(14) The Vice-President and Comptroller and the Director of the Physical Plant recommend authorization of:

An application to the Housing and Home Finance Agency for a loan not to exceed \$2,500,000 for construction of a single graduate residence hall to be located at the northwest corner of Chalmers Street and Fifth Street, Champaign, with a capacity of approximately 465 students. The estimated cost is \$2,650,000;

A revenue bond issue of \$2,650,000, with at least \$150,000 to be sold publicly and the remainder (not more than \$2,500,000) to be sold to the Housing and Home Finance Agency. Interest and principal on the revenue bonds will be provided from rental income;

Employment of Chapman and Cutler, Chicago, as counsel for the bond issue; and Advertisements for bids on the construction of the residence hall and for the sale of the bonds at times deemed most appropriate by the Vice-President and Comptroller.

I concur.

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

**ADDITION TO CONTRACT FOR CONSTRUCTION
OF MEDICAL SCIENCES BUILDING**

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$13,066.51 in the contract with Oman and Giden, Inc., Northfield, for the construction of the Medical Sciences Addition to install thirty-five cup sinks and associated piping and twelve utility service enclosures in the third floor laboratories.

These items were required and shown on the preliminary drawings but were unintentionally omitted in the preparation of the contract drawings. The architects state that the amount requested for the work involved is reasonable.

Funds for this work are available in the state capital appropriations to the University from the Universities Building Fund.

I concur.

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

**ADDITION TO CONTRACT FOR CONSTRUCTION
OF ORCHARD DOWNS, FIRST ADDITION**

(16) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$13,460 in the contract with Shapland Construction Company, Champaign, Illinois, for additional paving for three bicycle storage areas and paving adjacent to the entrances at the fourteen buildings in the First Addition to Orchard Downs.

Funds are available in the construction budget.

I concur.

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

**CONTINUATION OF ATOMIC ENERGY COMMISSION CONTRACT
FOR RESEARCH IN ELEMENTARY PARTICLE PHYSICS**

(17) In June, 1962, the University entered into a contract with the Atomic Energy Commission to carry out research in elementary particle physics. Funds in the amount of \$871,000 have been provided to reimburse the University for all direct and indirect costs incurred during the period June 1, 1962, through September 30, 1963.

A proposal has been prepared requesting \$1,415,403 to support and expand this research project for a twelve-month period beginning October 1, 1963. Because of the substantial increase in the funds requested from the Atomic Energy Commission, the proposal must also be submitted to the Board of Higher Education for approval. The proposal has been approved by the Director of the Engineering Experiment Station, the Secretary of the University Research Board, and the Vice-President and Comptroller.

I recommend authorization of the application, subject to further action by the Board of Higher Education.

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

**PURCHASES
Purchases Authorized**

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

The recommendations are presented in two categories: purchases from Appropriated Funds (i.e., from state appropriations to the University) and purchases from Institutional Funds. The latter term is used here to designate funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, from foundation grants and grants from corporations and other donors, and University revolving funds authorized by law.

Purchases from Appropriated Funds

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Furnishing of labor, material, equipment, and supervision to move two houses from 606 and 606½ South Mathews Avenue, Urbana, to 1205 West Nevada Street, Urbana	Physical Plant	Belding Engineering Co., West Chicago	\$12 340 00 f.o.b. delivered

Purchases from Institutional Funds

One recorder, two-channel ink-writing recording system with a sensitivity of 10 millivolts per millimeter; one strain gage preamplifier for use with the above recorder, and accessories for both instruments	Agency for International Development (India)	Brush Instruments, Division of Clevite Corp., Cleveland, Ohio	\$2 783 60 f.a.s. New York
Print 11,385 housing revenue, Illini Union, and Health Center bonds, \$1,000.00 denominations with semi-annual coupons with machine signing services	Comptroller's Office	Northern Bank Note Co., Chicago	4 438 48 f.o.b. delivered
Soil-bearing test service for Congress Circle Union Building construction	Physical Plant, Chicago	Walter H. Flood & Co., Chicago	5 000 00
Asphalt primer, type m.c.o. pa-1 asphalt, E-3 road oil, limestone aggregate and sealer, for use by the Physical Plant in the 1963 street resealing program on the Urbana campus	Physical Plant Storeroom	Tomac, Inc., Danville	7 519 00 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.

The recommendations are presented in two categories: purchases from Appropriated Funds (i.e., from state appropriations to the University) and purchases from Institutional Funds. The latter term is used here to designate funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, from foundation grants and grants from corporations and other donors, and University revolving funds authorized by law.

Purchases from Appropriated Funds

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Renewal of agreement for general purpose computer system now installed at the Undergraduate Division for period of August 15, 1963, through June 30, 1964 (Note: This purchase will be made from both Appropriated Funds, \$20,748.00, and Institutional Funds, \$840.00, for a total of \$21,588.00.)	Computer Program, Library, Chicago Undergraduate Division	International Business Machines Corp., Chicago	\$20 748 00
One lot of laboratory supplies including assorted glassware, filter paper, rubber stoppers, and chemicals; one-year supply	Pharmacy, Chicago	Chicago Apparatus Co., Chicago	4 762 43 delivered
One lot of lounge furniture, consisting of 76 chairs, three chaise lounges, one ottoman, thirteen tables, and 120 settees	Physical Plant, Medical Center	S. Buckman Furniture & Supply Co., Spring Valley	8 761 39 delivered
One controlled environmental room, of modular construction, fiberglass insulated, prewired and complete with refrigeration system having water cooled compressor; room will be used for preparation of biological material which requires lower than room temperatures	Animal Science	Hotpack Corp., Chicago	9 312 50 f.o.b. delivered
180 hog gates, panel type, and accessory materials to replace gates and fencing at the Swine Nutrition Farm	Animal Science	V.C.V. Farm Supply, Lebanon	7 044 75 f.o.b. delivered and installed
One truck, 1963 model, gross vehicle weight 23,000 pounds; V-8 engine; chassis only, less trade-in of one truck, 1951 model, model L-180 International with fold-down bed and hoist, mileage 120,000	Dixon Springs Experiment Station	International Harvester Co., Springfield	3 283 00 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One duplicator, magnetic recording tape, half-track, 60 inches per second, four-channel, three-duplicates, frequency response 50 to 12,000 cycles	Language Laboratory	Rawdon Smith Associates, Inc., Washington, D.C.	\$ 3 971 48 f.o.b. delivered
One metal-cutting machine, band type, hydraulically operated feed table, to be used by Physical Plant Department machine shop for maintenance work and special metal work for other departments on Urbana campus	Physical Plant	Hoffman-Marquard Machinery Co., St. Louis, Mo.	6 038 00 f.o.b. delivered
One sweeper, power, heavy duty, self-propelled with scrubbing attachment to be used by Physical Plant Department for cleaning shop areas and corridors of new Physical Plant Services Building	Physical Plant	G. H. Tennant Co., Chicago	5 014 69 f.o.b. delivered
One radial drilling machine, complete with oversize table and power feed to be used by Physical Plant Department machine shop for maintenance work and special job work for other departments on the Urbana campus	Physical Plant	Miller Industrial Supply, Decatur	3 420 00 f.o.b. delivered
One shear, power squaring with six foot extension squaring gauge to be used by the Physical Plant Department tin shop on heavy gauge steel and stainless steel on various jobs for departments on the Urbana campus	Physical Plant	Balko Tool & Machine Co., Chicago	7 259 00 f.o.b. delivered
One power apron brake, bending metals of length 8 ft. 1 in., to be used by the Physical Plant Department tin shop to handle heavier gauge steels than can presently be handled in the shop	Physical Plant	Ward Machinery Co., Chicago	3 365 00 f.o.b. delivered
Services of engineer for inspection and supervision of overhaul of General Electric turbine-generators and other associated equipment at the Abbott Power Plant for the period August 1, 1963, through June 30, 1965	Physical Plant	General Electric Co., St. Louis, Mo.	7 500 00
Eighty units wood book shelf units, size 12 in. deep by 36 in. wide by 82 in. high, each unit to be complete with back and finished end panels	Physics	Standard Wood Products Corp., New York, N.Y.	6 562 50 f.o.b. delivered
Wood office furniture for faculty offices in new interior addition to the Armory: Sixty-six L-desks consisting of 60 in. by 30 in. desk and 36 in. by 18 in. L return One clerical L-desk consisting of 60 in. by 24 in. desk and 38 in. by 18 in. L return One conference desk, double pedestal, 74 in. by 38 in. One conference table, 72 in. by 34 in.	Physical Plant	Lycoming Furniture Industries, Inc., Williamsport, Pa.	12 077 62 f.o.b. delivered
Wood office chairs, upholstered, for faculty offices in new interior addition to Armory: Sixty-seven swivel chairs Seventy-two side chairs, no arms One secretarial posture chair	Physical Plant	Milwaukee Chair Co., Milwaukee, Wis.	6 287 09 f.o.b. delivered
Lounge furniture for the new office quarters and classrooms in the interior addition to the Armory: Group I Forty settee-table combination units Two sofas, upholstered One chair, fully upholstered, with arms Two tier corner tables, 34 in. by 34 in. top Group II Forty lounge chairs, upholstered	Physical Plant	S. Buckman Furniture & Supply Co., Spring Valley Group I Weger Institutional Design, Lansing, Mich. Group II	6 960 00 3 299 60 (10 259 60) f.o.b. delivered

Purchases from Institutional Funds

Publication of Chicago Undergraduate Division weekly newspaper <i>Chicago Illini</i> for the academic years 1963-64 and 1964-65; consisting of 3,600-4,500 eight-page issues and 1,200-4,500 twelve-page issues	Dean of Students, Chicago Undergraduate Division	Community Publications, Inc., Chicago	\$21 050 76 delivered
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<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One multi-channel photographic poly-graph system and accessories	Surgery, College of Medicine, Chicago	Sanborn Co., Chicago	\$10 633 00 delivered
One blood flowmeter and probe	Surgery, College of Medicine, Chicago	Medicon, Division of Quality Precision Products, Inc., Los Angeles, Calif.	3 095 00 delivered
Twelve project-o-charts	Ophthalmology, Chicago	New Era Optical Co., Chicago	3 956 20 delivered
Two vertometers	Physical Plant, Chicago	Levin Bros. Paper Corp., Chicago	4 371 20 delivered
40,000 paper trash bags	Physical Plant, Chicago, Laundry	Ipcos Hospital Supply Corp., Chicago	4 118 00 delivered
200 dozen muslin sheets, 72 in. by 108 in.	Agronomy	Shabbona Lumber & Supply, Shabbona	4 357 38 f.o.b. delivered and erected
Construct 14 ft. by 26 ft. addition to house at Northern Illinois Agronomy Research Center, DeKalb, to include foundation, and all electrical, heating, and insulation work to conform to design of original building; the addition will consist of two bedrooms with closets	Animal Science	Madison Silos, Division of Martin Marietta Corp., El Paso	3 390 00 f.o.b. delivered and erected
Two silos, size 12 ft. by 35 ft., including foundation and concrete floor to be furnished and erected at Urbana	Institute of Aviation	Hughes Oil Co., Champaign	6 384 00 f.o.b. delivered
70,000 gallons (approximately) standard, commercial, no. 5 fuel oil, to be furnished as required for heating the Terminal Building at University of Illinois-Willard Airport during the period July 1, 1963, through June 30, 1965	Botany	Better Built Machinery Corp., New York, N.Y.	4 650 00 f.o.b. delivered
One laboratory glassware washer, fully automatic with spindle headers which direct a high speed jet water stream into the glassware	Chemistry and Chemical Engineering	Perkin-Elmer Corp., La Grange	5 265 00 f.o.b. delivered
One spectrophotometer, automatic, double beam, ultraviolet, with ranges: UV 190-390MU and visible 350-750MU, auxiliary readout system, repetitive scanning accessory, and temperature controlled cell mount	Chemistry and Chemical Engineering	Picker X-Ray Corp., Chicago	3 172 00 f.o.b. delivered
One integrating x-ray goniometer	Chemistry and Chemical Engineering	Pantagraph Printing & Stationery Co., Bloomington	4 146 85 f.o.b. delivered
One straumanis film cassette	Coordinated Science Laboratory	Raytheon Co., Franklin Park	5 625 00 f.o.b. delivered
One clamp for multiple films	Digital Computer Laboratory	American Pamcor, Inc., St. Louis, Mo.	2 804 40 f.o.b. delivered
Print and bind 3,000 copies of <i>Department of Chemistry and Chemical Engineering History 1951-61</i> , approximately 144 pages per copy, trim size 8½ in. by 11 in.	Digital Computer Laboratory	IBM Corp., Springfield	3 793 50 f.o.b. delivered
Five storage tubes, recording, electrical readout, resolution 1,000 lines minimum, capable of repeating stored information	Office of Educational Testing	Measurement Research Center, Inc., Iowa City, Iowa	8 760 00 f.o.b. delivered
60,000 taper pins	Electrical Engineering	Illinois Power Co., Danville	10 923 00 f.o.b. delivered and installed
Six cables, coaxial, 20 wire, each 175 ft. long, to be used to complete a hookup of the IBM 7094 computer in the Digital Computer Laboratory with the film measuring projectors in use in physics research programs			
Scoring service for approximately 73,000 special answer sheets used in testing program of the Bureau of Educational Research			
Installation of three-phase electrical power at Bondville Road Field Station of the Department of Electrical Engineering to include the following: Extension of three-phase service to the field station from a location approximately four miles north 75 KVA self-regulating transformers as required 25 KVA step-up bank at the proposed site 25 KVA step-down at the present site			

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One lot laboratory equipment and apparatus including twenty-four balances, twelve transformers, seven cases plastic bottles, and 432 pieces of assorted plastic laboratory apparatus; estimated to be a three-month supply	General Chemical Stores	E. H. Sargent & Co., Chicago	\$ 7 800 00 f.o.b. delivered
One recording microphotometer for the determination of optical density of photographic plates, to be used in a research program in the Department of Physics under a contract with the Atomic Energy Commission	Physics	National Spectrographic Laboratories, Inc., Cleveland, Ohio	8 225 00 f.o.b. delivered
One testing machine, universal tension and compression for the study of anharmonic defects in crystals	Physics	Labquip Corp., Chicago	8 100 00 f.o.b. delivered
Thirty-six electronics laboratory tables, 72 in. by 36 in. by 38 in. high, wood, with 12 in. deep shelf above top and full depth shelf below	Physics	Walrus Manufacturing Co., Decatur	5 799 00 f.o.b. delivered
Twelve general physics laboratory tables, 72 in. by 36 in. by 38 in. high, wood, no shelves			
One potentiometer, six-dial, microvolt, ranges 0 to 111,111.0 in steps of 0.1 microvolt, and 0-11,111.10 in steps of 0.01 microvolt	Physics	Minneapolis-Honeywell Regulator Co., Harvey	5 300 00 f.o.b. delivered
One galvanometer, photoelectric, thermal emf 0.003 microvolt or less			
Film badge service for the period July 1, 1963, through June 30, 1965, for determination of exposure to radioactive materials, to all personnel so involved, under the direction and authority of the University Health Physicist as follows: 200 beta-gamma film badges every two weeks 20 beta-gamma film badges every week for nine months (September 15-June 15) 5 beta-gamma finger (ring) badges every two weeks 55 neutron-beta-gamma film badges every two weeks	Physics	Volk Radiochemical Co., Skokie	7 724 60 f.o.b. delivered
One analyzer, single channel, one seven-decade electromech scalor and power supplies, comprising a solid state modular nuclear counting system for use in the teaching laboratory in Stage 11 of the new Physics Building	Physics	Radiation Instrument Development Laboratory, Melrose Park	3 960 00 f.o.b. delivered
One recording system, ink-rectilinear, four-channel, wired for eight-channel, complete with power supplies, amplifiers, ink system, and couplers	Physiology and Biophysics	Offner Division of Beckman Instruments, Inc., c/o Pivan Engineering Co., Chicago	6 270 00 f.o.b. Schiller Park
One centrifuge with eight positions, portable, refrigerated, including trunnion carrier, metal shield and conical head, to be used in research projects in the Department of Physiology and Biophysics	Physiology and Biophysics	Aloe Scientific Division of Brunswick Corp., St. Louis, Mo.	2 560 00 f.o.b. delivered
One recording assembly, ink rectilinear, six-channel, wired for eight, high gain, including all required power supplies, amplifiers, pens, ink system, racks and enclosures, and couplers, and one year's maintenance, including installation	Psychology	Beckman Instruments, Inc., Palo Alto, Calif.	8 335 75 f.o.b. delivered
Storage building, 20 ft. by 50 ft., to be constructed at the Veterinary Research Farm, South Race Street, Urbana, complete with concrete foundation and floor, lumber rigid frame design, plywood exterior, eight windows and two overhead doors	Veterinary Medicine	Alexander Lumber Co., Champaign	2 874 93 f.o.b. delivered and erected
1,400 pairs shoes, dress, low quarter, black, Air Force regulation	Purchasing and Military Property Custodian	Clothing Sales Store, Chanute Air Force Base, Illinois	9 231 60 f.o.b. Chanute Air Force Base
2,520 pairs socks, cotton, black, stretch, Air Force regulation			

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Print and bind 2,500 copies of <i>British Politics in the Suez Crisis</i> , by Leon Epstein, approximately 224 pages per copy, trim size 6 in. by 9 in.	University Press	Rogers Printing Co., Chicago	\$ 3 540 00 f.o.b. delivered
Print and bind 2,500 copies <i>High School Mathematics</i> , Units 1-4, Teachers' Edition, approximately 757 pages per copy, printed on one side only, trim size 8½ in. by 11 in.	University Press	Edwards Brothers, Inc., Ann Arbor, Mich.	8 277 00 f.o.b. delivered
Print and bind 12,000 copies <i>High School Mathematics</i> , Unit 6, Students' Edition, approximately 458 pages per copy, trim size 8½ in. by 11 in.	University Press	George Banta Co., Chicago	8 329 97 f.o.b. Menasha, Wis.
Print and bind 10,000 copies of <i>High School Mathematics</i> , Unit 7, Students' Edition, approximately 168 pages per copy, trim size 8½ in. by 11 in.	University Press	George Banta Co., Chicago	3 498 00 f.o.b. Menasha, Wis.
Print and bind 11,000 copies <i>High School Mathematics</i> , Unit 8, Students' Edition, approximately 264 pages per copy, trim size 8½ in. by 11 in.	University Press	George Banta Co., Chicago	5 651 00 f.o.b. delivered
Print and bind 5,000 copies <i>High School Mathematics</i> , Unit 9, Students' Edition, approximately 388 pages per copy, trim size 8½ in. by 11 in.	University Press	George Banta Co., Chicago	3 427 00 f.o.b. delivered
Forty-six films, movie, 16 mm., miscellaneous, color and black and white, less return of old editions and damaged prints	Visual Aids Service	Encyclopaedia Britannica Films, Inc., Wilmette	3 780 00 f.o.b. Wilmette
Ninety-six films, 16 mm., miscellaneous, color and black and white, less ninety-six old editions and damaged prints returned	Visual Aids Service	Coronet Films, Chicago	6 777 50 f.o.b. delivered
Motion picture production equipment including camera, shutter, galvanometer and optical system, sound track recording amplifier, lamps, wind screen, cables and connectors, film magazines, carrying trunk, zoom lens, microphones, changing bag, tripods, carrying case, light meter, blooming tape, sound reader, and portable auto power supply unit	Agricultural Administration, Extension	Behrend's, Inc., Chicago	3 903 08 f.o.b. delivered
One floor machine, self-propelled, to be used for cleaning of concrete concourse of Assembly Hall as well as walkways, aisles of the arena, and the arena floor	Assembly Hall	Bush Brothers, Inc., Champaign	4 018 00 f.o.b. delivered
Two each spotlights, carbon arc, complete with lamp housing, lens mechanism, and base, capable of projecting light with a color temperature of 5700° Kelvin and a luminosity of 13,000 lumens, to be operated from the perimeter of the Assembly Hall and when high intensity, small diameter spots of light are required on performances in the center area of the hall	Assembly Hall	Grand Stage Lighting Co., Chicago	3 580 00 f.o.b. Toledo, Ohio
300 dozen bowls, salad, 7½ in. in diameter, 2 in. deep, approximate weight 12 pounds per dozen, for general use in the Housing Division food centers	Housing Division	E. A. Hinrichs & Co., Chicago	2 613 00 f.o.b. delivered
Fifteen planting boxes, special	Housing Division	Brewer Woodwork, Urbana	5 550 00 f.o.b. delivered
Doors, folding, woven of Northern bass wood slats as follows: 252 pairs for openings 9 ft. 4 in. by 7 ft. 7 in. 126 pairs for openings 8 ft. 8 in. by 7 ft. 7 in.	Housing Division	Harlan E. Moore & Co., Champaign	10 502 10 f.o.b. delivered
Six rugs, all wool, Chinese fret design, colors to be selected, as follows: three 8 ft. by 18 ft.; two 8 ft. by 29 ft.; one 8 ft. by 22 ft.	Illini Union	Sacketts Furniture Store, Champaign	2 885 00 f.o.b. delivered
225 folding leg tables, 72 in. long by 32 in. wide by 29 in. high, with plastic laminate top, to be used in the new addition to the Illini Union	Illini Union	Rochelle's, Inc., Chicago	6 525 00 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Three cash registers equipped to have the following required features: re-inking device, solenoid key operation, cork lined cabinet, locked up group totals, tear off receipt, visible detail strip showing last ten transactions, seven accumulating totals, 999.99 keyboard, receipt and detail strip, automatic change feature with dispenser and grand total to be controlled by separate key	Illini Union Bookstore	The National Cash Register Co., Danville	\$ 7 650 45 f.o.b. delivered
248 storage cabinets, 18 in. deep	Office Supply	All Steel Equipment, Inc., Aurora	9 659 11 f.o.b. delivered
Thirty storage cabinets, 24 in. deep	Storeroom		
Six wardrobe cabinets, 18 in. deep			
Nine wardrobe cabinets, 24 in. deep			
Approximately 200 tons 50 per cent sodium hydroxide commercial grade	Physical Plant	Acid Products Co., Inc., Decatur	17 496 00 f.o.b. delivered
Approximately 160 tons sulphuric acid, 66%, electrolytic grade			
The above quantities are an estimated two-year supply and orders will be placed during this period in amounts as required for water treatment operation at the Abbott Power Plant			
Automotive and industrial lubricants as required by the Physical Plant Storeroom during the two-year period from July, 1963, through June, 1965	Physical Plant	Russell Stewart Oil Co., Urbana	9 158 47 f.o.b. delivered
6,600 pounds grass seed for use in seeding new lawns during the fall of 1963	Physical Plant Storeroom	Kahn Brothers Co., Chicago	3 870 90 f.o.b. delivered
6,000 diodes, type TI-255	Digital Computer Laboratory	Deeco, Inc., Cedar Rapids, Iowa	4 351 20 f.o.b. delivered
235 mattresses, innerspring 4/6, full size	Housing Division	Sealy Mattress Co., Chicago	9 047 50 delivered
235 box springs to fit above mattresses			
For use in the new housing units in Orchard Downs Addition			
Eighty-four sets bowling pins, plastic coated, ABC approved, to be used in Illini Union bowling lanes; guaranteed usage of 5,000 lines per set	Illini Union	Brunswick Corp., Hinsdale	3 356 64 delivered
Steel office chairs as follows:	Office Supply	Milwaukee Metal Furniture Co., Chicago	28 698 12 f.o.b. delivered
341 swivel arm chairs, upholstered	Storeroom		
Sixty swivel chairs, no arms, upholstered			
246 side arm chairs, upholstered			
444 side chairs, no arms, upholstered			
272 typist posture swivel chairs, upholstered			
40,000 sheets Verifax Matrix	Office Supply	Jefferson Stationers, Inc., Springfield	2 844 00 f.o.b. delivered
Ninety-six cartons Verifax activator	Storeroom		
Four film inspection machines, 16 mm., double unit, stacked, variable speed, capacity of 400 to 2,000 feet per each 16 mm. film reel	Visual Aids Service	Paulmar, Inc., Chicago	9 261 00 f.o.b. delivered and installed
(Note: This purchase will be made from both Appropriated Funds, \$9,261.00, and Institutional Funds, \$9,261.00, for a total of \$18,522.00.)			
240 parking meters, sealed, single-cylinder type collection system, to be furnished and installed in various parking areas about the Urbana campus, with an option to purchase, as required, an additional quantity up to 300 during the period ending June 30, 1964	Physical Plant	Duncan Parking Meter, Division of Nautech Corp., Chicago	14 052 60 f.o.b. delivered and installed

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

COMPTROLLER'S REPORT OF CONTRACTS

(19) The Comptroller's report of contracts executed during the period July 1 to 31, 1963.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
National Sand and Gravel Association	Site development problems related to sand and gravel pit operations re-use	\$ 6 000 00	September 1, 1963

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Air Force AF-AFOSR-460-63	Theory of functions of a complex variable	\$ 25 263 08	June 1, 1963
United States Air Force AF 29(601)-6101	Fabrication and installation of 4-ft. diameter dynamic gas loading facility	205 000 00	July 1, 1963
United States Army DA-11-032-CIVENG-63-56	Course of instruction in water resources planning	60 341 00	June 17, 1963
United States Army DA-18-108-AMC-108-(A) (sub-contract with FMC Corp.)	Compounds to be synthesized and/or evaluated and biological evaluation techniques	27 500 00	March 20, 1963
United States Atomic Energy Commission AT(11-1)-1302	Wholesomeness evaluation of radiation substerilized food products	143 933 00	June 1, 1963
United States Atomic Energy Commission AT(29-1)-789 (sub-contract with Sandia Corp.)	Determine the coefficient of friction for pairs of 17-4 ph stainless steel, 20 degrees involute spur gears of 96 pitch, 96 teeth in each gear	37 027 00	May 15, 1963
United States Department of Agriculture 12-04-100-28	Appraise farmers' group or pool buying of feed ingredients in selected localities in Illinois	4 150 00	June 27, 1963
United States Department of Agriculture 12-14-100-7150(72)	Chemical investigations of cyclopropenoids to develop means of eliminating or physiologically inactivating the cyclopropenoids in cottonseed products	45 737 00	June 26, 1963
United States Department of Health, Education, and Welfare OE-3-16-028	Survey of the development and use of television recorded materials, films, and other simulated materials for application to teacher education in extending professional laboratory experiences	9 095 00	June 25, 1963
United States Department of Health, Education, and Welfare PH-86-63-144	Conduct a demonstration program for the early detection of oral malignancies	30 000 00	May 1, 1963
United States Federal Housing Administration HA (.....)fh-872	Factors that influence the quality of site design of multifamily housing projects and investigation of single-family housing	21 850 00	June 19, 1963
United States Office of Civil Defense OCD-OS-63-66	Gamma ray penetration of various structural geometries	66 527 00	June 7, 1963
United States Office of Civil Defense OCD-OS-63-128	Conduct civil defense training and conferences and courses through extension	57 390 00	June 12, 1963
United States Navy Nonr(G)-00062-63	Acquisition of a Bendix LP-12 printer	14 900 00	June 19, 1963
<i>Total</i>		<u>\$754 713 08</u>	

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
International Business Machines Corp.	One keypunch	\$ 604 80	June 5, 1963
LaSalle-Madison Hotel Co. (Renewal)	Rental of east portion, twentieth floor, LaSalle Hotel, Chicago, from July 1, 1963, to June 30, 1965, for use by Illini Center	21 600 00 (\$900.00 per month)	July 1, 1963
Missouri Avenue Realty Co. (Renewal)	Rental of room 212, 338 Missouri Avenue, East St. Louis, from July 1, 1963, to June 30 1965, for use by Extension Division	1 020 00 (\$42.50 per month)	July 1, 1963
188 Randolph Building Corp. (Renewal)	Rental of suite 301-03, 188 Randolph Tower, Chicago, from July 1, 1963, to June 30, 1965, for use by Agricultural Extension Division	9 000 00 (\$375.00 per month)	July 1, 1963
Sangamon Home Savings Association (Renewal)	Rental of property at 400 South Grand Avenue, West, Springfield, from July 1, 1963, to June 30, 1965, for use by Extension Division	1 440 00 (\$60.00 per month)	July 1, 1963
<i>Total</i>		<u>\$33 664 80</u>	

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
Isotopes, Inc. (sub-contract under Atomic Energy Commission (11-1)-1199)	Study of rainout of radioactivity in Illinois	\$27 930 00	June 14, 1963
Texas Technological College (sub-contract under United States Navy Nonr 1834(02)	Development of radio wave direction-finding techniques	13 152 00	May 27, 1963
Total		\$ 41 082 00	

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
American Cyanamid Co.	Insecticides for control of insects on wheat	\$ 1 500 00	June 3, 1963
American Society of Heating, Refrigerating, and Air-Conditioning Engineers, Inc.	Safety with high temperature water systems	6 300 00	June 20, 1963
American Society of Heating, Refrigerating, and Air-Conditioning Engineers, Inc.	Selection and application of air-measuring devices	7 400 00	June 20, 1963
American Society of Heating, Refrigerating, and Air-Conditioning Engineers, Inc.	Steam and condensate flow in pipes	8 200 00	June 20, 1963
National Aeronautics and Space Administration NSG-242-62	Thermal contact resistance in a vacuum environment	30 010 00	June 1, 1963
National Lime Association	Extend the use of lime minerals into new fields and continue research in lime stabilization of soils	21 762 50	July 10, 1963
State of Illinois Department of Conservation	Fisheries research	32 500 00	June 11, 1963
State of Illinois Department of Conservation	Wildlife studies	100 439 00	June 24, 1963
United States Air Force AF 41(609)-1481	Determinants of monitoring behavior in complex tasks	20 500 00	May 1, 1963
United States Army DA-ARO(D)-31-124-G366	Influence of ionic aggregation on rates and products of several reactions	7 687 20	June 12, 1963
United States Atomic Energy Commission AT (11-1)-415	Unclassified research on electronic high-speed digital computers	50 000 00	June 15, 1963
United States Atomic Energy Commission AT (11-1)-758	Basic research relating to atomic energy	23 181 00	June 15, 1963
United States Atomic Energy Commission AT (11-1)-791	Effect of X-ray irradiation on enzymatic activity and nucleic acid metabolism in seeds and seedlings of zea mays	25 000 00	June 10, 1963
United States Atomic Energy Commission AT (11-1)-891	Chemical reactions of energetic atoms produced by nuclear recoil or by heterogeneous flash photolysis	22 000 00	June 15, 1963
United States Department of Health, Education, and Welfare OE-3-12-064	Counseling and guidance training institute	750 00	June 5, 1963
Total		\$357 229 70	

Adjustments Made in 1962-63 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Harry F. Fisher (Plastering)	Six items: \$25.00 to \$600.00	\$ 1 792 06	June, 1963

Summary

Amount to be paid to the University.....	\$1 111 942 78
Amount to be paid by the University.....	\$ 76 538 86

This report was received for record.

REPORT OF THE FINANCE COMMITTEE ON THE TREASURER'S BOND

(20) The Finance Committee reports that it has received from Robert R. Manchester, Treasurer of the University, a bond in the amount of \$6,000,000 with the Continental Casualty Company as surety.

The bond has been approved by the Legal Counsel of the University and by the Business Office. The Finance Committee has accepted the bond and reports its receipt for record.

On motion of Mr. Williamson, the action of the Committee was confirmed.

INVESTMENT REPORT**Report of the Finance Committee**

(21) The Finance Committee reported the following changes in investments of endowment funds for the months of February, March, April, and May, 1963:

Endowment Pool**Sale**

240 shares	Ingersoll Rand common		\$ 16 990 22
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Exchange

\$ 100 000	U. S. Treasury bonds	3 per cent	2/15/64 and
85 000	U. S. Treasury bonds	2½	8/15/63 for
185 000	U. S. Treasury bonds	3⅞	11/15/71
100 000	U. S. Treasury bonds	3	8/15/66 and
30 000	U. S. Treasury notes	3½	11/15/65 for
130 000	U. S. Treasury bonds	4	2/15/80

Purchase

500 shares	Goodyear Tire and Rubber common		\$ 16 702 62
90/100 share	Standard Oil Company of California common		58 19
\$ 25 500	U. S. Treasury bonds	4 per cent	8/15/72 25 653 28

Ceramic Engineering**Sale**

500 shares	Avnet Electronics Corporation common		\$ 10 211 91
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Dennis Children**Exchange**

\$ 2 000	U. S. Treasury certificates	3¼ per cent	5/15/63 for
2 000	U. S. Treasury certificates	3¼	5/15/64

Miller**Sale**

500 rights	Consolidated Edison Company		\$ 187 42
30/100 share	Standard Oil Company of California common		20 04
29/50 share	International Paper common		16 45

Wallace**Exchange**

\$ 6 500	U. S. Treasury bonds	2½ per cent	8/15/63 for
6 500	U. S. Treasury bonds	4	2/15/80

Chicago — Pharmacy Scholarship**Sale**

10 shares	Jewel Tea Company common		\$ 496 40
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Report of the Comptroller

The Comptroller reported the following changes in investments of current and unexpended plant funds, over which he has authority as indicated:

Current Funds**Restricted Group (June 20, 1962)****Sale**

\$1 000 000	U. S. Treasury certificates	3½ per cent	8/15/63	\$1 011 487 84
500 000	U. S. Treasury certificates	3¼	5/15/63	500 546 88

Exchange			
\$ 500 000	U. S. Treasury certificates	3½	2/15/63 for
500 000	U. S. Treasury certificates	3¼	2/15/64
Purchase			
\$1 500 000	U. S. Treasury bills	2/28/63	\$1 497 537 22
200 000	U. S. Treasury bills	3/14/63	199 768 33
1 000 000	U. S. Treasury bills	3/28/63	996 200 00
500 000	General Electric Credit Corporation	9/13/63	491 062 50
1 000 000	U. S. Treasury bills	5/2/63	998 210 42
1 000 000	U. S. Treasury bills	5/31/63	996 345 56
500 000	U. S. Treasury bills	6/20/63	497 963 33
500 000	Beneficial Finance Company	10/30/63	491 559 03
500 000	General Motors Acceptance Corp.	10/30/63	491 468 75
1 400 000	U. S. Treasury bills	8/1/63	1 390 526 50

Construction Funds

Assembly Hall (June 23, 1959, and March 17, 1962)

Purchase			
\$ 515 000	U. S. Treasury bills	3/14/63	\$514 161 87
265 000	U. S. Treasury bills	4/15/63	263 753 54
537 000	U. S. Treasury bills	5/16/63	534 391 97
450 000	U. S. Treasury bills	6/13/63	448 012 00
400 000	U. S. Treasury bills	7/15/63	398 138 22
60 000	U. S. Treasury bills	8/15/63	59 642 30

Illini Union and Health Center (December 21, 1960)

Purchase			
\$ 290 000	U. S. Treasury bills	5/16/63	\$287 890 25
100 000	U. S. Treasury bills	6/13/63	99 287 50
135 000	U. S. Treasury bills	7/15/63	134 056 20
300 000	U. S. Treasury bills	8/15/63	297 928 83
55 000	U. S. Treasury bills	9/12/63	54 544 80

Illinois Street Residence Halls (October 17, 1962)

Sale			
\$ 10 000	U. S. Treasury bills	2/14/63	\$ 9 991 81
170 000	U. S. Treasury bills	5/16/63	169 894 22

Purchase			
\$ 248 000	U. S. Treasury bills	9/12/63	\$344 330 21
50 000	U. S. Treasury bills	9/19/63	49 424 11

Orchard Downs and SG-2 (June 14, 1960)

Sale			
\$ 13 000	U. S. Treasury bills	3/21/63	\$ 12 954 66
1 000	U. S. Treasury bills	5/16/63	998 21

Purchase			
\$ 120 000	U. S. Treasury bills	4/18/63	\$119 742 40
120 000	U. S. Treasury bills	5/16/63	119 468 00
139 000	U. S. Treasury bills	6/13/63	138 385 93
120 000	U. S. Treasury bills	7/15/63	119 483 00

Orchard Downs Addition (May 24, 1962)

Sale			
\$ 180 000	U. S. Treasury notes	3¼ per cent	2/15/63
300 000	U. S. Treasury notes	3¼	5/15/63
			\$180 281 25
			300 421 88

Purchase			
\$ 179 000	U. S. Treasury bills	2/14/63	\$178 860 78
134 000	U. S. Treasury bills	3/14/63	133 722 62
10 000	U. S. Treasury bills	4/15/63	9 965 00
75 000	U. S. Treasury bills	5/16/63	74 926 06
146 000	U. S. Treasury bills	6/13/63	145 150 93
225 000	U. S. Treasury bills	7/18/63	223 641 50

Peabody Drive (October 21, 1959)

Purchase

\$ 84 000	U. S. Treasury bills	4/15/63	\$ 83 604 90
90 000	U. S. Treasury bills	4/18/63	89 766 25
71 000	U. S. Treasury bills	5/16/63	70 666 14
238 000	U. S. Treasury bills	6/24/63	237 361 37

Pennsylvania Avenue Residence Halls (June 21, 1961)

Sale

\$ 115 000	U. S. Treasury bills	2/21/63	\$114 926 66
200 000	U. S. Treasury bills	3/7/63	199 652 89

Purchase

\$ 130 000	U. S. Treasury bills	4/15/63	\$129 419 62
105 000	U. S. Treasury bills	5/16/63	104 462 95
43 000	U. S. Treasury bills	6/13/63	42 767 56
130 000	U. S. Treasury bills	7/15/63	129 103 87
105 000	U. S. Treasury bills	8/15/63	104 280 11

Student Services (May 17, 1961)

Purchase

\$ 70 000	U. S. Treasury bills	3/14/63	\$ 69 871 67
12 000	U. S. Treasury bills	4/15/63	11 958 15
50 000	U. S. Treasury bills	4/18/63	49 869 67
15 000	U. S. Treasury bills	5/16/63	14 951 88
67 000	U. S. Treasury bills	6/13/63	66 705 05

Chicago — Dentistry-Medicine-Pharmacy Auxiliary (December 16, 1953)

Purchase

\$ 200 000	U. S. Treasury bills	7/18/63	\$198 526 00
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Sinking Funds

Housing Revenue Bonds (December 17, 1958; June 23 and October 21, 1959; June 14, 1960; June 21, 1961; and May 24 and October 17, 1962)

Sale

\$ 39 000	U. S. Treasury bills	8/22/63	\$ 38 531 83
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Purchase

\$ 450 000	U. S. Treasury bills	3/21/63	\$448 957 50
14 000	U. S. Treasury bills	8/15/63	13 807 15
599 000	U. S. Treasury bills	8/22/63	590 536 80

Illini Union and Health Center (December 21, 1960)

Purchase

\$ 144 000	U. S. Treasury bills	3/21/63	\$143 810 96
160 000	U. S. Treasury bills	8/29/63	157 689 96

Men's Residence Halls of 1956 (March 23 and September 18, 1956)

Purchase

\$ 3 000	U. S. Treasury certificates	3¼ per cent 2/15/64	\$ 3 013 54
14 000	U. S. Treasury bills	3/21/63	13 967 57

Men's Residence Halls of 1957 (March 12, 1957, and November 18, 1959)

Purchase

\$ 218 000	U. S. Treasury bills	3/21/63	\$217 491 33
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Student Services (May 17, 1961)

Purchase

\$ 26 000	U. S. Treasury bills	3/21/63	\$ 25 959 01
11 000	U. S. Treasury bills	8/22/63	10 854 26

Women's Residence Halls of 1956 (September 18, 1956, and February 15, 1961)

Purchase

\$ 36 000	U. S. Treasury bills	3/21/63	\$ 35 916 60
5 000	U. S. Treasury notes	3¾ per cent 8/15/64	5 050 00

Chicago — Dentistry-Medicine-Pharmacy Reserve (December 16, 1953)

Exchange

\$ 197 000	U. S. Treasury notes	3½ per cent 2/15/66 for	
197 000	U. S. Treasury bonds	4 2/15/80	

Purchase					
\$ 4 000	U. S. Treasury bonds	4 per cent	8/15/72	\$ 4 037 50	
2 000	U. S. Treasury bonds	4	2/15/80	1 991 25	

Report of the Finance Committee

The Finance Committee reported the following changes in investments of endowment funds for the month of June, 1963:

Endowment Pool

Purchase					
\$ 66 500	U. S. Treasury bonds	4 per cent	8/15/72	\$ 66 645 47	

Cole Living Trust

Purchase					
\$ 2 000	State of California bonds	3 per cent	11/1/85	\$ 1 920 90	

Garner

Purchase					
90/100 share	Dow Chemical Company common			\$ 59 36	

Goldstine

Purchase					
7 shares	Walgreen Company common			\$ 307 13	

Wallace

Purchase					
\$ 500	U. S. Treasury bonds	4 per cent	2/15/80	\$ 500 03	

Report of the Comptroller

The Comptroller reported the following changes in investments of current and un-expended plant funds, over which he has authority as indicated:

Current Funds

Restricted Group (June 20, 1962)

Purchase					
\$1 000 000	U. S. Treasury bills		6/27/63	\$998 977 22	
500 000	U. S. Treasury bills		8/15/63	497 418 75	
400 000	Sears Roebuck Acceptance Corporation		12/11/63	393 250 00	
500 000	Household Finance Corporation		12/30/63	491 468 75	
500 000	Ford Motor Credit Corporation		12/30/63	491 468 75	

Executive Development Center Building (June 20, 1962)

Purchase					
\$ 10 000	U. S. Treasury bonds	3¾ per cent	8/15/68	\$ 9 993 75	

Construction Funds

Assembly Hall (June 23, 1959, and March 17, 1962)

Purchase					
\$ 390 000	U. S. Treasury bills		8/15/63	\$388 114 46	
189 000	U. S. Treasury bills		9/12/63	187 873 24	

Illini Union and Health Center (December 21, 1960)

Purchase					
\$ 75 000	U. S. Treasury bills		9/12/63	\$ 74 461 69	

Illinois Street Residence Halls (October 17, 1962)

Purchase					
\$ 120 000	U. S. Treasury bills		10/15/63	\$118 927 09	

Orchard Downs and SG-2 (June 14, 1960)

Purchase					
\$ 139 000	U. S. Treasury bills		8/15/63	\$138 332 53	
65 000	U. S. Treasury bills		9/12/63	64 611 17	

Orchard Downs Addition (May 24, 1962)

Purchase					
\$ 43 000	U. S. Treasury bills		9/12/63	\$ 42 691 37	

Pennsylvania Avenue Residence Halls (June 21, 1961)

Purchase					
\$ 39 000	U. S. Treasury bills		9/19/63	\$ 38 706 72	

Student Services (May 17, 1961)

Purchase

\$ 50 000	U. S. Treasury bills	7/18/63	\$ 49 877 29
30 000	U. S. Treasury bills	8/15/63	29 857 42

On motion of Mr. Swain, the actions of the Committee were confirmed.

**DEANSHIP OF COLLEGE OF ENGINEERING,
CHICAGO UNDERGRADUATE DIVISION**

(22) The Vice-President for the Chicago Undergraduate Division recommends the appointment of Dr. Robert B. Banks, presently Director of Research and Professor of Engineering at the Southeast Asia Treaty Organization Graduate School of Engineering, Bangkok, Thailand, as Professor of Fluid Mechanics on indefinite tenure and Dean of the College of Engineering for two years, beginning September 1, 1963, at an annual salary rate of \$21,000, on a twelve-month service basis.

This appointment is within the new organizational framework of the University of Illinois at Congress Circle authorized by the Board of Trustees on January 18 and February 15, 1961. Associate Professor Rupert M. Price of the Department of Physics has been serving as Acting Dean and will continue to serve until September 1.

This recommendation was submitted after consultation with the Academic Advisory Council at the Chicago Undergraduate Division, and with the Dean and several department heads of the College of Engineering at Urbana-Champaign. It is concurred in by the Executive Vice-President and Provost and the Dean of the Graduate College.

On behalf of the President of the University, I recommend approval.

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

**UNIT VENTILATORS FOR CLASSROOM COMPLEX BUILDING
AT CONGRESS CIRCLE**

Mr. Pogue, for the Committee on Buildings and Grounds, presented the following report:

At the meeting of the Board of Trustees on May 15, 1963, when contracts for construction of Congress Circle were being awarded, a representative of a manufacturer of unit ventilators inquired why an alternate bid on the heating, piping, refrigeration, and automatic temperature control installations in the construction of the Classroom Complex Building at Congress Circle was not accepted since the alternate provided for a reduction in price. It is a standard practice to include alternates in bid documents as a safeguard in case base bids are in excess of engineering estimates of cost of the preferred type of equipment and construction, and the University reserves the right to accept or reject the alternates. Since bids on construction of Congress Circle in all cases were well within estimates, it was not necessary to select alternates on the basis of cost savings alone.

Officials of the company whose representative had raised the question requested a hearing. The Committee on Buildings and Grounds held a hearing on July 1, 1963, attended by representatives of the manufacturers concerned and Skidmore, Owings, and Merrill, Architects and Engineers, all of whom addressed the meeting. Examples of the unit ventilators were available for inspection.

After giving due consideration to the presentations made at this hearing, the Committee concluded that, due to the special conditions and requirements of the Classroom Complex Building, no changes should be made in the contract with respect to unit ventilators as awarded by the Board of Trustees on May 15, 1963.

On motion of Mr. Johnston, this report was accepted by the Board, without dissent.

LETTER FROM THE PRESIDENT OF THE UNITED STATES

President Clement presented a letter he received from President John F. Kennedy concerning the civil rights problem faced by this Nation —

and with special reference to equal educational opportunities and equal opportunities for employment—with the request that the letter be discussed with Mr. Clement's colleagues on the Board. Copies of President Kennedy's letter and of Mr. Clement's reply had been sent to all Trustees in advance of today's meeting, and copies have been filed with the Secretary of the Board.

The subject of the letter was discussed and University policies relating thereto were discussed.

HULL HOUSE RESTORATION

President Clement announced that Major Lenox R. Lohr, President of the Museum of Science and Industry and Chairman of the University of Illinois Citizens Committee, has accepted the post of General Chairman of the Jane Addams Memorial Fund of the University of Illinois campaign for the restoration of Hull House. Mr. C. E. Flynn reported informally on the status of the fund-raising campaign.

MEDICAL CENTER UNION

Dr. Joseph S. Begando made an informal report on the status of the campaign for funds for the Medical Center Union Building. He announced that Mr. Donald R. Grimes of the Class of 1928, and President of the Independent Grocers Alliance, has accepted the post of Chairman of the Committee to raise funds for this building.

FUTURE BOARD MEETINGS

President Clement announced that the next regular meeting will be held on Wednesday, September 18, 1963, in Urbana, at a place and according to a schedule to be arranged by him and the Secretary of the Board.

On motion of Mr. Williamson, the Board voted to change the date of the regular October meeting from the third Wednesday to Saturday, October 26, 1963, to be held in Urbana.

Consideration was also given to changing the date of the regular November meeting from the third Wednesday. It was the consensus of the Trustees that Tuesday, November 26, 1963, be tentatively reserved for that meeting, subject to a final decision later.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: appointments to the faculty made by the President; appointments of fellows; resignations, cancellations, declinations, and termination; leaves of absence; changes in sabbatical leaves of absence; cancellation of sabbatical leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was approved by the President of the University. C = College; S = Station; E = Extension.)
ABBASI, ABDUL SATTAR, Research Assistant in Pediatrics (Medicine), one year from July 1, 1963, \$6,000 (7-5-63).

ANDERSEN, SAYRE D., Assistant in English, nine months from September 16, 1963, \$4,600 (7-1-63).

ARMSTRONG, BEULAH M., Associate Professor of Mathematics, Summer Session of 1963, June 17-August 10, 1963, \$1,956 for the period (7-1-63).

BAILEY, WILLIAM E., Assistant in Dermatology (Medicine), six months from July 1, 1963, \$429.17 a month (6-24-63).

- BALMAIN, KEITH G., Research Associate in Electrical Engineering (S), two months from July 1, 1963, \$875 a month, supersedes (6-24-63).
- BARKLEY, MRS. CLARE E., Assistant in the Division of General Studies, nine months from September 16, 1963, \$4,200 (7-5-63).
- BATTEN, GEORGE W., JR., Research Associate in the Digital Computer Laboratory, academic year beginning September 1, 1963, \$6,500 (7-1-63).
- BENNEMANN, KARL-HEINZ, Research Associate in Physics (C), one year from September 1, 1963, \$8,000 (6-24-63).
- BERLANDE, JACQUES, Visiting Research Associate in Electrical Engineering (S), one year from September 1, 1963, \$7,200 (7-5-63).
- BIALECKE, EDWARD, Research Associate in Electrical Engineering (S), two months from July 1, 1963, \$666.67 a month, supersedes (6-24-63); and one year from September 1, 1963, \$8,000 (7-1-63).
- BOARDMAN, RICHARD P., Research Assistant in Medical Education (Medicine), two months from July 1, 1963, \$550 a month (6-24-63).
- BOWMAN, MRS. MARY A., Engineering Library Assistant in the Library, one year from September 1, 1963, \$5,500 (7-1-63).
- BOZONE, BILLIE R., Assistant Reference Librarian in the Library, with rank of Instructor, one year from September 1, 1963, \$6,800 (7-1-63).
- BRAWNER, DAVID H., Assistant in History, Summer Session of 1963, June 17-August 10, 1963, \$889 for the period, supersedes previous Summer Session appointment (6-28-63).
- BROOKER, ELMER W., Research Assistant in Civil Engineering (C), four months from September 1, 1963, \$555.56 a month (7-1-63).
- BROWER, MRS. ELIZABETH, Research Assistant in the Digital Computer Laboratory, nine months from September 16, 1963, \$4,200 (7-1-63).
- BUCHHOLZ, EUGENE K., Assistant in Mechanical Engineering (C), nine months from September 16, 1963, \$5,500 (7-5-63).
- CALDWELL, RODERICK, Visiting Lecturer in Mathematics, Summer Session of 1963, June 17-August 10, 1963, \$1,823 for the period (7-1-63).
- CALLAHAN, JOSEPH P., Research Associate in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, academic year beginning September 1, 1963, \$2,600 (7-5-63).
- CAMEY, MRS. LOUISE M., House Director-Delta Cooperative, ten months from September 1, 1963, \$2,300; for the convenience of the University, she will also be furnished room and board valued at \$31 a month (6-24-63).
- CAMPBELL, JAMES L., Instructor in Music, Summer Session of 1963, June 17-August 10, 1963, \$423 for the period (7-1-63).
- CORLEY, ROBERT E., Associate Professor of Sociology (Chicago Undergraduate Division), $\frac{1}{2}$ time, June 21-August 16, 1963, \$944, additional to present appointment and to Summer Session appointment on $\frac{1}{2}$ time (6-24-63).
- CRANDALL, CORYL, Assistant in English, nine months from September 16, 1963, \$4,600 (7-1-63).
- CRAWFORD, WILLIAM R., III, Research Assistant in Medicine Administration (Medicine Education) (College of Medicine), one year from September 1, 1963, \$8,500 (6-21-63).
- CREW, JOHN E., Research Assistant Professor of Physics (C), one month from July 1, 1963, \$1,000 (6-24-63).
- CROW, W. D. L., Research Associate in Chemistry, November 18, 1963-August 31, 1964, \$6,600 a year, supersedes (7-1-63).
- DAWKINS, WILLIAM P., Research Assistant in Civil Engineering (C), nine months from September 16, 1963, \$6,000 (6-19-63).
- DEMAINE, MARGARET M., Research Associate in Chemistry, one year from September 1, 1963, \$7,000 (6-6-63).
- DEPALMA, RUDOLPH, Research Associate in Oral Medicine, and Social Aspects of Dentistry (Dentistry), $\frac{3}{4}$ time, one year from September 1, 1963, \$2,950 (7-1-63).
- EBERLE, MARGARET A., Visiting Lecturer in Education, Summer Session of 1963, June 17-August 10, 1963, \$1,300 for the period (6-28-63).
- EHRMAN, JOHN, Research Associate in Physics (C), three months from June 1, 1963, \$700 a month, supersedes (6-24-63).
- ELLIS, VIRGINIA, Head Resident, Allen Hall (North), ten months from September 1, 1963, \$5,250; for the convenience of the University, she will also

- receive an apartment and meals while the dining rooms are in operation (6-24-63).
- ENG, WILLIAM, Associate Professor of Architecture, Summer Session of 1963, June 17-August 10, 1963, \$2,223 for the period (7-3-63).
- FERRILL, ARTHUR L., Assistant in History, nine months from September 16, 1963, \$4,200 (7-1-63).
- FILBEY, MARY L., Assistant to the Dean of Women, $\frac{3}{4}$ time, nine months from September 16, 1963, \$3,300 (7-3-63).
- FITCH, HORATIO M., Assistant Professor of Theoretical and Applied Mechanics, Summer Session of 1963, June 17-August 10, 1963, \$1,823 for the period, supersedes previous Summer Session appointment (6-17-63).
- FLENNER, ROSS H., Senior Research Programmer in the Digital Computer Laboratory, one year from September 1, 1963, \$10,500 (7-1-63).
- FORD, NEIL M., Research Assistant in the Bureau of Economic and Business Research, June 15-August 31, 1963, \$450 a month, supersedes (6-21-63).
- GALLACHER, PATRICK J., Research Assistant in English, June 17-August 10, 1963, \$889 (6-28-63).
- GARVEY, JOHN C., Professor of Music, Summer Session of 1963, $\frac{2}{3}$ time, June 17-August 10, 1963, \$1,586 for the period, supersedes previous Summer Session appointment (7-1-63).
- GARVIN, FRANK G., Assistant in English, nine months from September 16, 1963, \$4,200 (7-1-63).
- GAUDETTE, HENRI E., Research Associate in Geology, one year from September 1, 1963, \$7,500 (6-24-63).
- GEIGER, DAVID S., Research Associate in Physics (C), $\frac{1}{2}$ time, one year from September 1, 1963, \$4,000 (7-5-63).
- GELDARD, JOHN F., Research Associate in Chemistry, one year from September 1, 1963, \$6,100 (6-24-63).
- GELDER, HARVEY M., Visiting Lecturer in Mathematics and in Education (University High School), one year from September 1, 1963, \$14,300 (6-17-63).
- GIORDANO, CHARLES B., Instructor in German, Summer Session of 1963, June 17-August 10, 1963, \$1,334 for the period, supersedes previous Summer Session appointment (6-28-63).
- GOLDMAN, LLOYD N., Assistant in English, nine months from September 16, 1963, \$4,600 (7-1-63).
- GOOD, JOAN E., Instructor in Speech and Theatre, academic year beginning September 1, 1963, \$5,150 (6-24-63).
- GREENWOOD, MRS. GERTRUDE S., Visiting Professor of the Classics, academic year beginning September 1, 1963, \$12,000 (6-8-63).
- GRIDLEY, ROY E., Assistant in English, nine months from September 16, 1963, \$4,600 (7-1-63).
- GRINNELL, MRS. ELEANOR E., Head Resident, Evans Hall, ten months from September 1, 1963, \$4,950; for the convenience of the University, she will also receive an apartment and meals while the dining rooms are in operation (6-24-63).
- GUFFEY, GEORGE R., Assistant in English, nine months from September 16, 1963, \$4,600 (7-1-63).
- GUIMOND, JAMES, Assistant in English, nine months from September 16, 1963, \$4,600 (7-1-63).
- GURFINKEL, GERMAN, Visiting Assistant Professor of Civil Engineering, Summer Session of 1963, $\frac{2}{5}$ time, June 17-August 10, 1963, \$720 for the period (7-1-63).
- HAGGERTY, JOHN J., Assistant in English, nine months from September 16, 1963, \$4,400 (7-1-63).
- HAMILTON, JOHN A., Assistant Professor of English, Summer Session of 1963, June 17-August 10, 1963, \$1,445 for the period, supersedes previous Summer Session appointment (7-3-63).
- HAMILTON, TOM S., Administrative Secretary of North Central Experiment Station Directors (S), $\frac{1}{2}$ time, one year from September 1, 1963, \$7,800 (6-24-63).
- HANDLER, MRS. ELLEN I., Research Associate in the Jane Addams Graduate School of Social Work, $\frac{1}{4}$ time, June 1, 1963-August 31, 1964, \$2,400 a year (6-27-63).

- HARRIS, MARVYN R., Instructor in French, academic year beginning September 1, 1963, \$6,600 (7-1-63).
- HAWKINS, HELEN A., Head Resident, Saunders Hall, ten months from September 1, 1963, \$5,300; for the convenience of the University, she will be furnished room and board valued at \$31 a month (6-24-63).
- HAYASHI, MAKOTO, Research Associate in Psychiatry (Medicine), August 15, 1963-August 31, 1964, \$6,500 a year (6-28-63).
- HEILES, WILLIAM H., Instructor in Music, academic year beginning September 1, 1963, \$5,000 (5-23-63).
- HENCLEY, STEPHEN P., Associate Professor of Administration and Supervision (College of Education), June 16-August 15, 1963, \$2,134, supersedes Summer Session appointment (6-13-63).
- HENDERLEITER, W. M., Instructor in Mathematics (Chicago Undergraduate Division), Summer Session of 1963, $\frac{3}{4}$ time, June 21-August 16, 1963, \$1,075 for the period (6-26-63).
- HERDER, HARRY J., JR., Research Associate in Secondary and Continuing Education, one year from September 1, 1963, \$9,000 (6-3-63).
- HILL, ORDELLE G., Assistant in English, nine months from September 16, 1963, \$4,400 (7-1-63).
- HILL, ROGER G., Instructor in Mathematics (Chicago Undergraduate Division), Summer Session of 1963, $\frac{3}{4}$ time, June 21-August 16, 1963, \$1,279 for the period (6-26-63).
- HODGES, CHARLES E., Assistant in English, nine months from September 16, 1963, \$4,600 (7-1-63).
- HODGES, THOMAS K., Assistant Professor of Horticulture (C and S), July 1, 1963-August 31, 1964, \$8,600 a year, supersedes (6-14-63).
- HUANG, YEN-CHIEN, Research Associate in Metallurgy (C), June 12-August 31, 1963, \$666.66 a month, supersedes (7-1-63).
- HUNTER, MARILYN G., Assistant in Education, Summer Session of 1963, June 17-August 10, 1963, \$1,090 for the period (6-28-63).
- INHABER, HERBERT, Research Assistant in Physics (C), two months from June 16, 1963, \$934 (6-24-63).
- JAMES, JUDSON L., Instructor in Political Science, academic year beginning September 1, 1963, \$6,500 (6-24-63).
- JENSEN, RUSSELL S., Assistant Professor of Theoretical and Applied Mechanics, Summer Session of 1963, $\frac{1}{2}$ time, June 17-August 10, 1963, \$900 for the period, supersedes previous Summer Session appointment (6-17-63).
- JOHNSON, A. BEAUMONT, II, Clinical Associate in Neurological Surgery, Department of Neurology and Neurological Surgery (Medicine), $\frac{1}{4}$ time, one year from September 1, 1963, \$1,800 (6-26-63).
- JOHNSON, ROBERT C., Assistant in English, nine months from September 16, 1963, \$4,600 (7-1-63).
- JOHNSON, WELDON A., Registered Pharmacist in Hospital Pharmacy (Pharmacy), June 16-August 31, 1963, \$625 a month (6-26-63).
- JOSHI, MRS. PADMINI T., Assistant in Mathematics, Summer Session of 1963, June 17-August 10, 1963, \$889 for the period (6-28-63).
- KADERAVEK, MILAN R., Instructor in Music, academic year beginning September 1, 1963, \$6,500 (5-23-63).
- KAPPAUF, WILLIAM E., Professor of Psychology, Summer Session of 1963, June 17-August 10, 1963, \$3,134 for the period (6-28-63).
- KAVIN, HYMIE, Research Assistant in Medicine (Medicine), one year from July 1, 1963, \$6,000 (6-26-63).
- KELLOGG, KING, Associate Professor of Music, Summer Session of 1963, June 17-August 10, 1963, \$2,223 for the period, supersedes previous Summer Session appointment (7-1-63).
- KEMP, JOHN S., Assistant Coordinator, School-University Articulation (Office of Admissions and Records), and Research Assistant in Education (College of Education), one year from September 1, 1963, \$5,500 (6-8-63).
- KILLIAN, DONALD G., Assistant in Mathematics, Summer Session of 1963, June 17-August 10, 1963, \$889 for the period (6-28-63).
- KINGERY, ROSS A., Assistant Editor, College of Engineering, one year from September 1, 1963, \$9,200 (7-1-63).

- KLASSEN, PETER P., Professor of Sociology (Chicago Undergraduate Division), June 21-August 16, 1963, \$2,534, additional (6-24-63).
- KLASSEN, WALDEMAR, Research Associate in Zoology, one year from September 1, 1963, \$6,500 (6-6-63).
- KLUG, MICHAEL A., Assistant in English, nine months from September 16, 1963, \$4,400 (7-1-63).
- KOHLMEYER, FREDERICK, Assistant Professor of Economics, one year from July 1, 1963, \$11,000, supersedes (7-3-63).
- KOKATNUR, MOHAN G., Research Associate in Animal Science (S), one year from September 1, 1963, \$6,700 (6-8-63).
- KYUNO, EISHIN, Research Associate in Chemistry, one year from September 1, 1963, \$7,200 (6-24-63).
- LA VELLE, FAITH W., Research Associate in Anatomy (Medicine), $\frac{1}{2}$ time, academic year beginning September 1, 1963, \$3,200 (6-28-63).
- LEACH, JAMES L., Assistant Coordinator, International Cooperation Programs (Provost's Office), $\frac{1}{2}$ time, July 1-August 31, 1963, \$583.33 a month, additional (7-1-63).
- LESLIE, JAMES D., Research Associate in Physics (C), three months from June 16, 1963, \$625 a month, supersedes (6-25-63).
- LEVITOV, EDITH S., Research Assistant in Psychiatry (Medicine), July 1, 1963-August 31, 1964, \$6,200 a year, supersedes (6-14-63).
- LIEB, MRS. KATHERINE H., Research Assistant in Chemistry, June 10-August 31, 1963, \$445 a month (7-5-63); and one year from September 1, 1963, \$5,340 (7-10-63).
- LIGGETT, JOHN P., Extension Specialist in Civil Defense (Division of University Extension), August 1, 1963-August 31, 1964, \$9,600 a year (7-1-63).
- LISSITZ, ROBERT W., Research Assistant in Psychiatry (Medicine), June 24, 1963-August 31, 1964, \$5,150 a year (6-14-63).
- LONG, CHARLES A., Instructor in Zoology, academic year beginning September 1, 1963, \$5,000 (7-1-63).
- LOWER, WILLIAM D., Assistant in English, nine months from September 16, 1963, \$4,400 (7-1-63).
- MACNAMARA, PATRICIA E., Head Resident, Lincoln Avenue Residence (North), ten months from September 1, 1963, \$4,900; for the convenience of the University, she will also receive an apartment and meals furnished while the dining rooms are in operation (6-24-63).
- MADUROS, BILL P., Clinical Associate in Medicine (Medicine), three months from June 1, 1963, without salary (7-1-63).
- MARTIN, MILLICENT V., Assistant Professor of Child Development, Summer Session of 1963, June 17-August 10, 1963, \$1,445 for the period (6-24-63).
- MARTIN-TRIGONA, MRS. HELEN, Assistant in Speech and Theatre, nine months from September 16, 1963, \$4,800 (6-19-63).
- MARTIRANO, SALVATORE J., Visiting Composer of Music, nine months from September 16, 1963, \$8,500 (6-6-63).
- MCCLINTOCK, NORMAN E., Visiting Lecturer in Education, Summer Session of 1963, July 15-August 10, 1963, \$1,000 for the period (6-24-63).
- MEARA, NAOMI M., Head Resident, Blaisdell Hall, ten months from September 1, 1963, \$4,900; for the convenience of the University, she will also receive an apartment and meals while the dining rooms are in operation (6-24-63).
- METCALF, CHARLES W., Clinical Instructor in Medicine (Medicine), June 22-August 31, 1963, without salary (7-1-63).
- MEYERHOLZ, GEORGE W., Assistant Professor of Veterinary Extension, Department of Veterinary Pathology and Hygiene (College of Veterinary Medicine) (E and C), June 16, 1963-August 31, 1965, \$11,600 a year (6-17-63).
- MILLER, JERALD, Instructor in Periodontics, Department of Applied Materia Medica and Therapeutics (Dentistry), $\frac{1}{2}$ time, one year from September 1, 1963, \$1,600 (6-28-63).
- MILLER, WILLIAM H., Associate Professor of Music, Summer Session of 1963, June 17-August 10, 1963, \$1,912 for the period, supersedes previous Summer Session appointment (7-1-63).
- MIMS, R. SUE, Head Resident, Taft Hall, ten months from September 1, 1963, \$4,700; for the convenience of the University, she will also receive an apartment and meals while the dining rooms are in operation (6-24-63).

- MITCHELL, JUNE D., Head Resident, Lincoln Avenue Residence (South), ten months from September 1, 1963, \$5,100; for the convenience of the University, she will also receive an apartment and meals while the dining rooms are in operation (6-24-63).
- MORRIS, JOHN R., Extension Specialist in Civil Defense, Division of University Extension, August 1, 1963-August 31, 1964, \$10,200 a year (7-1-63).
- MUELLER, JOSEPH E., Research Associate in Education (University High School), one year from September 1, 1963, \$11,000 (6-8-63).
- NAJAFI, HASSAN, Research Associate in Surgery (Medicine), 7/10 time, one year from July 1, 1963, \$6,000, supersedes nonsalaried appointment (6-26-63).
- NEAL, RICHARD H., Clinical Instructor in Medicine (Medicine), June 10-August 31, 1963, without salary (6-28-63).
- NEDELSKY, LEO, Research Associate in Teacher Education (Dentistry), ¼ time, one year from September 1, 1963, \$3,750 (7-1-63).
- NELSON, WILFRED H., Research Associate in Chemistry, eleven months from October 1, 1963, \$6,100 a year (7-1-63).
- NICHOLS, GLENN O., Assistant in History, Summer Session of 1963, June 17-August 10, 1963, \$889 for the period, supersedes previous Summer Session appointment (6-28-63).
- NOLAN, GRACE M., Instructor in Mathematics (Chicago Undergraduate Division), Summer Session of 1963, ¾ time, June 21-August 16, 1963, \$1,260 for the period (6-26-63).
- NOVAR, LEON, Visiting Lecturer in Political Science (Chicago Undergraduate Division), Summer Session of 1963, ½ time, June 21-August 16, 1963, \$750 for the period (6-26-63).
- OKADA, KATUKI, Research Associate in Psychiatry (Medicine), August 15, 1963-August 31, 1964, \$6,500 a year (6-28-63).
- OLSEN, CHARLES E., Instructor in Mathematics (Chicago Undergraduate Division), Summer Session of 1963, June 21-August 16, 1963, \$1,512 for the period, supersedes previous Summer Session appointment (6-26-63).
- PERLMUTTER, MRS. SHIRLEY, Instructor in Occupational Therapy (Medicine), ¾ time, June 3-August 31, 1963, \$3,930 a year, supersedes leave of absence and previous appointment (6-24-63).
- PINEO, CLIFFORD W., Research Associate in Education (University High School), one year from September 1, 1963, \$11,500 (6-8-63).
- PORTER, LAURELLEN, Head Resident, Triad, five months from September 1, 1963, \$500 a month; for the convenience of the University, she will also receive an apartment and meals while the dining rooms are in operation (6-24-63).
- PRANINSKAS, MRS. JEAN, Assistant Professor of English, two years from September 1, 1963, to render service during each academic year, \$6,700 a year (7-1-63).
- PURITT, PAUL, Research Assistant in Anthropology, two months from June 1, 1963, \$444.44 a month (6-24-63).
- RAINS, MRS. RUTH R., Assistant Professor of French, two years from September 1, 1963, to render service during each academic year, \$6,900 a year (7-1-63).
- RAMAIAH, KOMMINENI, Research Associate in Chemistry, one year from September 1, 1963, \$6,100 (6-6-63).
- REBER, ROBERT J., Research Assistant in Animal Science (S), June 5-August 31, 1963, \$5,000 a year; and one year from September 1, 1963, \$5,200 (6-14-63).
- REMEIKIS, NIJOLE, Instructor in Endodontics, Department of Applied Materia Medica and Therapeutics (Dentistry), one year from September 1, 1963, \$8,600 (6-28-63).
- RIBEIRO, SERGIO T., Research Associate in the Digital Computer Laboratory, academic year beginning September 1, 1963, \$6,500 (7-1-63).
- RIEDY, MRS. SONIA C., Assistant to the Director of Foreign Student Affairs, August 1, 1963-August 31, 1964, \$6,500 a year (7-5-63).
- RINGER, PATRICIA, Illini Union Browning Room Librarian in the Library, with rank of Assistant, one year from September 1, 1963, \$5,800 (7-1-63).
- RINGLER, ELLIN J., Assistant in English, nine months from September 16, 1963, \$4,600 (7-1-63).

- RITCHIE, MRS. FLORENCE, Head Resident, Van Doren Hall, ten months from September 1, 1963, \$4,950; for the convenience of the University, she will also receive an apartment and meals while the dining rooms are in operation (6-24-63).
- ROBERTS, DONALD M., Associate Professor of Economics, $\frac{3}{5}$ time, and of Mathematics, $\frac{2}{5}$ time, indefinite tenure from September 1, 1963, to render service during each academic year, \$10,000 a year (7-5-63).
- ROGERS, PHILIP E., Assistant in English, nine months from September 16, 1963, \$4,200 (7-1-63).
- RUSSO, ALEXANDER J., Assistant in the Radiocarbon Laboratory, two months from June 16, 1963, \$525 a month (6-17-63).
- SANDBERG, MRS. KAREN R., Research Assistant in Chemistry (Pharmacy), one year from September 1, 1963, \$5,150 (7-1-63).
- SANDERS, WALTER J., Assistant Professor of Mathematics and of Education (University High School), one year from September 1, 1963, \$11,000 (6-13-63).
- SASNER, JOHN J., JR., Research Associate in Physiology and Biophysics, one month from September 1, 1963, \$550 (6-8-63).
- SCHILL, WILLIAM J., Assistant Professor of Education, Summer Session of 1963, $\frac{1}{2}$ time, and in the College of Education, $\frac{1}{2}$ time, June 17-August 10, 1963, \$1,889 for the period, supersedes previous Summer Session appointment (6-28-63).
- SCHOLOMITI, N. C., Assistant Professor of Mathematics (Chicago Undergraduate Division), Summer Session of 1963, $\frac{5}{8}$ time, June 21-August 16, 1963, \$1,325 for the period (6-26-63).
- SEARS, HELEN W., Instructor in Mathematics (Chicago Undergraduate Division), Summer Session of 1963, June 21-August 16, 1963, \$1,467 for the period, supersedes previous Summer Session appointment (6-26-63).
- SEXTON, HASKELL O., Professor of Music, Summer Session of 1963, $\frac{3}{4}$ time, June 17-August 10, 1963, \$1,767 for the period, supersedes previous Summer Session appointment (7-1-63).
- SHAW, PAUL D., Assistant Professor of Plant Pathology (C and S), one year from July 1, 1963, \$9,000, supersedes (7-5-63).
- SHINDO, HIDEYO, Research Associate in Chemistry, one year from September 1, 1963, \$6,500 (6-24-63).
- SKORNIA, LORENE M., Assistant to the Dean of Women, $\frac{3}{4}$ time, nine months from September 16, 1963, \$3,400 (7-3-63).
- SMITH, GEORGE H., JR., Instructor in Social Sciences (Chicago Undergraduate Division), Summer Session of 1963, $\frac{2}{3}$ time, June 21-August 16, 1963, \$889 for the period (6-26-63).
- SOHN, DAVID M., Clinical Instructor in Surgery (Medicine), without salary, and Instructor in Oral and Maxillofacial Surgery (Dentistry), $\frac{1}{2}$ time, one year from September 1, 1963, \$3,750 (6-28-63).
- SPELLMAN, MRS. MARY S., Commerce and Sociology Library Assistant in the Library, one year from September 1, 1963, \$5,500 (7-5-63).
- SPRENKLE, CASE M., Assistant Professor of Economics and Assistant Dean of the College of Commerce and Business Administration, Summer Session of 1963, two months from June 16, 1963, \$1,934 for the period (6-13-63).
- SRINIVASAN, RANGASWAMY, Research Associate in Chemistry, eight months from January 1, 1964, \$6,100 a year (6-6-63).
- STOOPS, BETTY, Extension Specialist in Visual Aids Service (Division of University Extension), one month from July 1, 1963, \$888.89; and nine months from September 1, 1963, \$933.33 a month (6-24-63).
- TAGGER, MICHEL, Instructor in Endodontics and in Periodontics, Department of Applied Materia Medica and Therapeutics (Dentistry), one year from September 1, 1963, \$7,000 (6-28-63).
- TALBOT, GEORGE A., Lecturer in Social Science and Sociology (Division of General Studies and Department of Sociology), academic year beginning September 1, 1963, \$6,800 (7-1-63).
- TANAKA, RYO, Research Associate in Psychiatry (Medicine), six months from April 1, 1963, \$625 a month, supersedes (6-24-63).

- TELLING, MRS. FERN H., Head Resident, Cedar Hall, and Coordinator of Arbor Suites, ten months from September 1, 1963, \$4,650; for the convenience of the University, she will also receive an apartment and meals while the dining rooms are in operation (6-24-63).
- TERRELL, GLENN, JR., Professor of Psychology and Dean of the College of Liberal Arts and Sciences (Chicago Undergraduate Division), one month from August 1, 1963, \$1,750 (6-24-63).
- TESTA, MRS. JANICE M., Instructor in French, academic year beginning September 1, 1963, \$6,600 (7-1-63).
- TEXTOR, CHARLES S., II, Clinical Assistant Professor of Neurology and Neurological Surgery (Medicine), 1/10 time, one year from September 1, 1963, \$1,200 (6-28-63).
- THODEY, A. R., Assistant in Agricultural Economics (S), July 22-August 31, 1963, \$602.50 (7-3-63).
- THOMSON, JOSEPH W., Research Assistant in English, three months from June 16, 1963, \$1,750 (6-21-63).
- TICHENOR, DUANE, Instructor in Education, Summer Session of 1963, ½ time, June 17-August 10, 1963, \$667 for the period (6-28-63).
- TIECKE, RICHARD, Lecturer in Oral Pathology, with rank of Professor (Dentistry), ½ time, one year from September 1, 1963, \$2,400 (6-28-63).
- TRIPPET, MARY M., Assistant in English, nine months from September 16, 1963, \$4,400 (7-31-63).
- TUFTS, THOMAS B., Assistant in English, nine months from September 16, 1963, \$4,200 (7-31-63).
- VEDRAL, MRS. ROSE H., Instructor in Mathematics (Chicago Undergraduate Division), Summer Session of 1963, ⅝ time, June 21-August 16, 1963, \$1,260 for the period (6-26-63).
- VIA, JOHN, Assistant in English, nine months from September 16, 1963, \$4,400 (7-1-63).
- VOGEL, WOLFGANG H., Research Associate in Pharmacology (Medicine), one year from August 1, 1963, \$8,500 (6-27-63).
- WANG, HAN-CHUNG, Research Associate in Theoretical and Applied Mechanics (C), ½ time, academic year beginning September 1, 1963, \$2,500 (6-10-63).
- WELLS, MRS. CATHERINE N., Head Resident, Busey Hall, ten months from September 1, 1963, \$4,950; for the convenience of the University, she will also receive an apartment and meals while the dining rooms are in operation (6-24-63).
- WENTWORTH, RUPERT A. D., Research Associate in Chemistry, June 24-August 31, 1963, \$583.33 a month; and one year from September 1, 1963, \$7,000 (6-24-63).
- ZAHARKO, DANIEL S., Research Associate in Physiology and Biophysics, two months from June 16, 1963, \$1,090.90 (6-17-63).
- ZBICK, RAYMOND, Clinical Instructor in Anesthesiology, Department of Surgery (Medicine), three months from June 1, 1963, without salary (6-28-63).
- ZWIER, MARCIA D., Psychologist in Speech and Theatre—Summer Residential Program, Summer Session of 1963, 45/100 time, June 17-August 10, 1963, \$400 for the period (7-1-63).

FELLOWS

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

- AKITT, DONALD P., Sperry-Gyroscope Fellow in Electrical Engineering, nine months from September 16, 1963, \$2,500 (6-20-63).
- ALCALDE, VICTOR M., United States Public Health Service Fellow (Trainee) in Pediatrics, one year from July 1, 1963, \$6,500 (7-2-63).
- ANSBRO, JOHN F., Ford Foundation Medical Student Summer Quarter Fellow in Physiology, three months from June 16, 1963, \$600 (6-18-63).
- ARNOFF, WILLIAM H., United States Public Health Service Fellow (Trainee) in Psychiatry, one year from July 1, 1963, \$12,000 (6-20-63).
- AUST, RICHARD B., National Science Foundation Graduate Fellow in Chemical Engineering, nine months from September 16, 1963, \$1,650 (6-11-63).
- BAGBY, ROLAND M., United States Public Health Service Fellow (Trainee) in Physiology, one year from July 1, 1963, \$2,666 (7-3-63).

- BINGEL, AUDREY S., United States Public Health Service Fellow (Trainee) in Physiology, ten months from September 1, 1963, \$1,833.33 (7-9-63).
- BOGART, ELIZABETH A., National Science Foundation Graduate Fellow in Zoology, one year from September 1, 1963, \$2,000 (6-11-63).
- BRANDT, RICHARD C., National Science Foundation Cooperative Fellow in Physics, one year from September 1, 1963, \$2,400 (4-25-63).
- BUCZKOWSKI, ZBIGNIEW, Postdoctoral Fellow in Chemistry, one year from September 1, 1963, \$6,000 (7-5-63).
- CARMICHAEL, J. W., JR., National Science Foundation Graduate Fellow in Chemistry, one year from June 16, 1963, \$2,200 (6-11-63).
- CHAPMAN, PETER J., Postdoctoral Fellow (Trainee) in Chemistry, June 16-August 31, 1963, \$500 a month (6-24-63).
- CLARKE, RICHARD B., United States Public Health Service Fellow (Trainee) in Chemistry, two months from June 16, 1963, \$489 (5-27-63).
- CORY, ROBERT P., National Science Foundation Graduate Fellow in Chemistry, one year from June 16, 1963, \$2,500 (6-18-63).
- CONGER, ANTHONY J., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1963, \$1,800 (6-3-63).
- D'AGOSTINO, ANTHONY N., United States Public Health Service Fellow (Trainee) in Pharmacology, three months from June 16, 1963, \$600 (7-9-63).
- DEWITT, WALTER G., III, National Science Foundation Graduate Fellow in Chemistry, one year from September 1, 1963, \$2,500 (6-14-63).
- DOROSZ, LEON C., United States Public Health Service Fellow (Trainee) in Physiology, nine months from September 16, 1963, \$3,000 (6-20-63).
- DRAPER, MILTON A., United States Public Health Service Fellow (Trainee) in Physiology, one year from July 1, 1963, \$2,400 (7-8-63).
- DUERINCK, WAYNE C., United States Public Health Service Fellow (Trainee) in Physiology, June 9-30, 1963, \$75; and one year from July 1, 1963, \$2,300 (7-9-63).
- EYMAN, DARRELL P., Esso Research and Engineering Company Summer Fellow in Chemistry, two months from June 16, 1963, \$550 (7-9-63).
- FORD, THOMAS E., International Business Machines Fellow in Electrical Engineering, nine months from September 16, 1963, \$2,500 (6-21-63).
- FRIEDMAN, ROBERT B., United States Public Health Service Fellow (Trainee) in Biochemistry, September 16, 1963-June 30, 1964, \$1,820.77 (7-3-63).
- GLADER, BERTIL E., United States Public Health Service Fellow (Trainee) in Physiology, one year from July 1, 1963, \$2,900 (7-9-63).
- GODU, JACQUES A. J. C., United States Public Health Service Fellow (Trainee) in Veterinary Medical Science, June 16-30, 1963, \$250 (6-28-63).
- GOODMAN, HARRY E., National Science Foundation Fellow in Pharmacy, one year from June 17, 1963, \$4,000 (6-28-63).
- GOSSUM, SANDRA A., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, \$4,170, supersedes (6-19-63).
- GRALLER, JACK L., United States Public Health Service Fellow (Trainee) in Psychiatry, one year from July 1, 1963, \$3,000 (6-18-63).
- GROSSIE, JAMES A., United States Public Health Service Fellow (Trainee) in Pharmacology, one year from June 16, 1963, \$5,000 (6-20-63).
- HALPER, IRA S., United States Public Health Service Fellow (Trainee) in Psychiatry, one year from July 1, 1963, \$3,600 (6-18-63).
- HARDY, CAROLINE E., United States Public Health Service Fellow (Trainee) in Biological Chemistry, one year from July 1, 1963, \$2,600 (7-8-63).
- HENDRICKS, RICHARD A., Medical Student Summer Quarter Fellow in Cardiology, three months from June 16, 1963, \$600 (5-28-63).
- HIGGS, WILLIAM J., National Science Foundation Graduate Fellow in Psychology, one year from June 16, 1963, \$3,000 (6-14-63).
- HOFFMAN, EDWARD L., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1963, \$3,000 (6-21-63).
- HOFFMANN, JOAN C., United States Public Health Service Fellow (Trainee) in Physiology, one year from July 1, 1963, \$2,500 (7-8-63).
- HOIT, MICHAEL, United States Public Health Service Fellow (Trainee) in Psychiatry, one year from July 1, 1963, \$2,400 (6-20-63).
- HUBER, FLOYD M., United States Public Health Service Predoctoral Fellow in Plant Pathology, one year from July 1, 1963, \$3,000 (7-10-63).

- HURST, DAVID O., National Science Foundation Graduate Fellow in Chemistry, nine months from September 16, 1963, \$1,500 (6-18-63).
- IRGENS, ROAR L., United States Public Health Service Fellow (Trainee) in Microbiology, seven months from July 1, 1963, \$1,866.69 (5-24-63).
- JAO, RODOLFO L., United States Public Health Service Fellow (Trainee) in Internal Medicine, one year from July 1, 1963, \$6,000 (7-2-63).
- JOHANSEN, CARLYLE E., United States Public Health Service Fellow (Trainee) in Psychiatry, one year from July 1, 1963, \$2,400 (6-20-63).
- KAMINSKY, MURIEL, National Institute of Mental Health Predoctoral Fellow in Anthropology, one year from June 16, 1963, \$2,058 (6-11-63).
- KAUFMAN, RICHARD V., United States Public Health Service Fellow (Trainee) in Psychiatry, one year from July 1, 1963, \$2,400 (6-20-63).
- KEARNS, THOMAS J., National Science Foundation Graduate Fellow in Mathematics, one year from September 1, 1963, \$2,000 (6-24-63).
- KEFALIDES, NICHOLAS A., United States Public Health Service Fellow (Trainee) in Medicine, one year from July 1, 1963, \$8,000 (6-13-63).
- KENNY, MARGARET A., United States Public Health Service Fellow (Trainee) in Biological Chemistry, September 16, 1963-June 30, 1964, \$1,820.83 (7-8-63).
- KERST, KARLENE, United States Public Health Service Fellow (Trainee) in Physiology, two months from June 16, 1963, \$444.34 (6-19-63).
- KOOPMAN, RAYMOND F., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1963, \$2,400 (6-21-63).
- LAWTON, IRENE, United States Public Health Service Fellow (Trainee) in Physiology, June 9-30, 1963, \$75 (7-9-63); and one year from July 1, 1963, \$2,300 (7-10-63).
- LEFKOWITZ, LEWIS B., JR., United States Public Health Service Fellow (Trainee) in Internal Medicine, one year from July 1, 1963, \$7,500 (7-8-63).
- LERNER, ALAN E., United States Public Health Service Fellow (Trainee) in Psychiatry, one year from July 1, 1963, \$3,000 (6-20-63).
- LEVY, WILLIAM H., United States Public Health Service Fellow (Trainee) in Psychiatry, one year from July 1, 1963, \$2,400 (6-20-63).
- LIEB, WILLIAM R., National Science Foundation Graduate Fellow in Biophysics, nine months from September 16, 1963, \$1,875 (6-24-63).
- LILJE, GERALD W., Fellow in Philosophy, nine months from September 16, 1963, \$1,500; and two months from June 16, 1964, \$375, supersedes (6-26-63).
- LITWACK, MARCIA D., United States Public Health Service Fellow (Trainee) in Biochemistry, one year from July 1, 1963, \$2,300 (7-3-63).
- LOEVY, HANNELORE, United States Public Health Service Fellow (Trainee) in Pharmacology, one year from July 1, 1963, \$6,000 (6-18-63).
- LOWE, JOHN T., National Science Foundation Graduate Fellow in Chemistry, one year from June 16, 1963, \$2,500 (6-18-63).
- MAGLIONE, FRANK D., Office of Vocational Rehabilitation Fellow (Trainee) in Education, two months from June 16, 1963, \$850 (6-14-63).
- MANDY, WILLIAM J., Postdoctoral Fellow (Trainee) in Microbiology, two months from July 1, 1963, \$625 a month (6-24-63).
- MARCUM, HOWARD B., National Science Foundation Graduate Fellow in Psychology, nine months from September 16, 1963, \$1,500 (6-18-63).
- MARSHALL, JOHN A., United States Public Health Service Fellow (Trainee) in Pharmacology, one year from June 16, 1963, \$2,400 (6-18-63).
- MARTIN, PRESTON K., United States Rubber Company Summer Fellow in Chemistry, two months from June 16, 1963, \$500 (6-28-63).
- MAYFIELD, ERNEST D., United States Public Health Service Fellow (Trainee) in Animal Science, one year from September 1, 1963, \$2,600 (7-16-63).
- MCGURK, DONALD J., Fellow in Chemistry, nine months from September 16, 1963, \$1,800; and two months from June 16, 1964, \$600, supersedes (6-10-63).
- MCQUEEN, RALPH D., United States Public Health Service Fellow (Trainee) in Veterinary Medical Science, three months from June 1, 1963, \$1,260 (6-28-63).
- MEDENIS, MRS. RUTE, United States Public Health Service Fellow (Trainee) in Pediatrics, one year from July 1, 1963, \$6,700 (7-2-63).
- MELTON, MARILYN R., Office of Vocational Rehabilitation Fellow (Trainee) in Education, two months from June 16, 1963, \$500 (6-14-63).

- MER, SANFORD B., Fellow (Trainee) in Otolaryngology, one year from July 1, 1963, \$7,000 (7-2-63).
- MERKELO, HENRY, Radio Corporation of America Fellow in Electrical Engineering, nine months from September 16, 1963, \$2,700 (6-19-63).
- MERRILL, TIMOTHY N., United States Public Health Service Fellow (Trainee) in Medicine, June 17-August 23, 1963, \$600 (7-8-63).
- MIDDAUGH, RICHARD L., National Science Foundation Graduate Fellow in Chemistry, one year from September 1, 1963, \$2,200 (6-18-63).
- MIESEL, JOHN, National Science Foundation Graduate Fellow in Chemistry, one year from September 1, 1963, \$2,000 (6-18-63).
- MONROE, BRUCE M., National Science Foundation Graduate Fellow in Chemistry, one year from September 1, 1963, \$2,000 (6-18-63).
- MUKHERJI, PARTHA N., Fellow in Sociology, nine months from September 16, 1963, \$1,500; and two months from June 16, 1964, \$375 (6-6-63).
- MULLEN, LOUIS E., General Electric Foundation Fellow in Accounting, nine months from September 16, 1963, \$1,500 (6-20-63).
- NADOR, FRANK, United States Public Health Service Fellow (Trainee) in Psychiatry, one year from July 1, 1963, \$12,000 (6-20-63).
- NANCE, JON R., National Science Foundation Graduate Fellow in Physics, one year from June 16, 1963, \$3,200 (6-18-63).
- NEEDINGER, JOSEPH W., United States Public Health Service Fellow (Trainee) in Physiology, one year from July 1, 1963, \$2,800 (7-9-63).
- O'BRIEN, MARGARET A., United States Public Health Service Fellow (Trainee) in Biological Chemistry, September 16, 1963-June 30, 1964, \$1,820.77 (7-8-63).
- O'CONNOR, BRIAN R., National Science Foundation Graduate Fellow in Chemistry, one year from September 1, 1963, \$2,700 (6-18-63).
- PAYNE, WILLIAM H., Edward Orton Jr. Ceramic Foundation Fellow in Ceramic Engineering, nine months from September 16, 1963, \$1,600, supersedes (6-19-63).
- PERKINS, JOHN C., United States Public Health Service Fellow (Trainee) in Infectious Disease (Medicine), one year from July 1, 1963, \$7,500 (7-8-63).
- PICKENS, WILLIAM F., United States Public Health Service Predoctoral Fellow in Chemistry, one year from June 16, 1963, \$2,000 (7-10-63).
- PIERRET, ROBERT F., National Science Foundation Graduate Fellow in Physics, nine months from September 16, 1963, \$1,500 (6-18-63).
- PINCKERT, RICHARD E., National Science Foundation Graduate Fellow in Civil Engineering, nine months from September 16, 1963, \$1,500 (6-18-63).
- PIZER, ESTHER R., United States Public Health Service Fellow (Trainee) in Psychiatry, one year from July 1, 1963, \$12,000 (6-20-63).
- PURCELL, KEITH F., Union Carbide Corporation Fellow in Chemistry, nine months from September 16, 1963, \$2,100 (5-6-63).
- RANKIN, CAROLYN, Millican College Fellow in Education, nine months from September 16, 1963, \$1,500, supersedes (6-27-63).
- REEDY, STANLEY G., Medical Student Summer Quarter Fellow in Biological Chemistry, three months from June 16, 1963, \$600 (6-11-63).
- REILLY, MATTHEW J., National Science Foundation Graduate Fellow in Chemical Engineering, one year from June 16, 1963, \$3,000 (6-17-63).
- ROBBINS, PAUL C., United States Public Health Service Fellow (Trainee) in Medicine (Endocrinology and Metabolism), June 28-September 15, 1963, \$1,000 (7-8-63).
- ROSENBLUM, CARL, United States Public Health Service Fellow (Trainee) in Biological Chemistry, ten months from September 1, 1963, \$1,916.60 (7-9-63).
- ROUK, DONALD J., General Electric Foundation Fellow in Accounting, nine months from September 16, 1963, \$1,000 (6-26-63).
- SAMPLE, STEVEN B., National Science Foundation Graduate Fellow in Electrical Engineering, nine months from September 16, 1963, \$2,250 (6-18-63).
- SHIER, GEORGE D., National Science Foundation Graduate Fellow in Chemistry, one year from June 16, 1963, \$2,700 (6-18-63).
- SILVERGLADE, LEE B., United States Public Health Service Fellow (Trainee) in Oral Pathology, two months from July 1, 1963, \$1,083.32 (7-2-63); and ten months from September 1, 1963, \$5,833.33 (7-3-63).

- SIMONE, JOSEPH V., United States Public Health Service Fellow (Trainee) in Pediatrics, one year from July 1, 1963, \$6,500 (7-2-63).
- SLATER, DONALD W., United States Public Health Service Fellow (Trainee) in Microbiology, June 16, 1963-September 1, 1964, \$3,407.50, supersedes (7-1-63).
- SMITH, AUSTIN M., General Electric Foundation Fellow in Accounting, nine months from September 16, 1963, \$1,000 (6-20-63).
- SMITH, JACK L., Postdoctoral Fellow (Trainee) in Animal Science, two months from July 1, 1963, \$533.33 a month (6-24-63); and United States Public Health Service Postdoctoral Fellow in Animal Science, ten months from September 1, 1963, \$6,400 a year (7-5-63).
- SMOLER, JOSE, United States Public Health Service Fellow (Trainee) in Otolaryngology, one year from July 1, 1963, \$5,500 (6-13-63).
- STANKO, JOSEPH A., National Science Foundation Graduate Fellow in Chemistry, one year from June 16, 1963, \$2,500 (6-18-63).
- STEINHARDT, MARY D., National Science Foundation Graduate Fellow in Chemistry, one year from September 1, 1963, \$2,200 (6-18-63).
- SZILVASSY, IVAN P., United States Public Health Service Fellow (Trainee) in Veterinary Medical Science, one year from July 1, 1963, \$5,500 (6-20-63).
- TURK, CHARLES E., United States Public Health Service Fellow (Trainee) in Psychiatry, one year from July 1, 1963, \$2,400 (6-20-63).
- TURNER, L. P., United States Rubber Company Summer Fellow in Chemistry, two months from June 16, 1963, \$500 (6-28-63).
- VERMEULEN, CARL W., United States Public Health Service Predoctoral Fellow in Biochemistry, one year from July 1, 1963, \$2,500 (7-12-63).
- VICE, JOHN L., Graduate College Fellow in Microbiology, nine months from September 16, 1963, \$1,800 (6-18-63).
- VOLNER, PATSY R., Office of Vocational Rehabilitation Fellow (Trainee) in Education, two months from June 16, 1963, \$500 (6-14-63).
- WARD, LINDA R., Office of Vocational Rehabilitation Fellow (Trainee) in Education, two months from June 16, 1963, \$500 (6-14-63).
- WAYLAND, BRADFORD B., National Science Foundation Graduate Fellow in Chemistry, June 15, 1963-June 16, 1964, \$3,200 (7-11-63).
- WEBER, EVELYN, Postdoctoral Fellow (Trainee) in Chemistry, June 16-August 31, 1963, \$550 a month (6-24-63).
- WHITAKER, SIDNEY M., National Science Foundation Graduate Fellow in Geology, nine months from September 16, 1963, \$1,500 (6-18-63).
- WILSON, JOHN E., National Science Foundation Graduate Fellow in Chemistry, one year from September 1, 1963, \$2,200 (6-18-63).
- WILSON, ROBERT G., National Science Foundation Fellow in Pharmacy, one year from June 18, 1963, \$3,000 (6-28-63).
- WRZESZCZ, OWEN E., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, \$5,310, supersedes (6-19-63).
- YOUNG, PHILIP D., National Institute of Mental Health Predoctoral Fellow in Anthropology, one year from June 1, 1963, \$4,500 (6-11-63).
- ZARYCKY, OKSANA M., United States Public Health Service Fellow (Trainee) in Biochemistry, one year from July 1, 1963, \$2,400 (7-3-63).

RESIGNATIONS, DECLINATIONS, CANCELLATIONS, AND TERMINATION

- ADAMS, MARY, Assistant Professor of Nursing—resignation effective July 1, 1963.
- AGUSTIN, CESAR C., Research Assistant in Physical Medicine and Rehabilitation (Medicine)—resignation effective August 15, 1963.
- ANDERSON, JOHN F., Teaching Fellow in Entomology—cancellation effective June 16, 1963.
- AYERS, MRS. CHARLOTTE S., Serials Cataloger in the Library, with rank of Instructor—resignation effective June 27, 1963.
- BACH, GERHARD L., Research Assistant in Medicine (Medicine)—resignation effective July 1, 1963.
- BERGER, JACQUES, Instructor in Zoology—resignation effective September 1, 1963.
- BERGLUND, WINFRED V., Instructor in Mathematics (Chicago Undergraduate Division), Summer Session of 1963—resignation effective June 21, 1963.
- BISHOP, INEZ E., Assistant in Education, Summer Session of 1963—resignation effective June 17, 1963.

- BISWAS, DEBAJIT K., Research Associate in Animal Science—resignation effective September 1, 1963.
- BRYSKIN, LARRY, United States Public Health Service Fellow (Trainee) in Psychiatry—termination effective February 1, 1963.
- CHENOWETH, MRS. LYNN, Assistant in Nursing—resignation effective June 7, 1963.
- CHRISTENSEN, JAMES, JR., Office of Vocational Rehabilitation Fellow (Trainee) in Education—cancellation effective June 15, 1963.
- CHU, GODWIN C., Research Assistant Professor in the Institute of Communications Research—resignation effective September 1, 1963.
- DETWILER, BETTY C., Instructor in Mathematics—resignation effective September 1, 1963.
- DONOGHUE, JOHN T., Fellow in Chemistry—resignation effective May 1, 1963.
- ERICHSEN, ALVIN W., Research Associate in Plant Breeding (Agronomy), in the Agricultural Experiment Station—resignation effective August 1, 1963.
- FAY, ALICE M., Assistant Professor of Nursing—resignation effective September 1, 1963.
- FIERSTEIN, GARY N., Summer Fellow in Electrical Engineering—cancellation effective June 15, 1963.
- FOULK, MRS. DOROTHY A., Law Library Assistant, with rank of Instructor—resignation effective September 1, 1963.
- FRANK, EVELYN, Professor of Mathematics (Chicago Undergraduate Division), Summer Session of 1963—resignation effective June 21, 1963.
- GARFIELD, RONALD S., Fellow in Spanish—resignation effective September 16, 1963.
- GLEN, DONALD L., Research Associate in Surgery (Medicine)—resignation effective July 1, 1963.
- GROSBOLL, MARTIN P., Summer Fellow in Chemical Engineering—cancellation effective June 16, 1963.
- HAVERKAMP, MRS. CAROL A., Assistant in Nursing—resignation effective July 1, 1963.
- HEALY, JAMES H., Research Associate in Mechanical Engineering—resignation effective September 1, 1963.
- HERUM, FLOYD L., Assistant Professor of Agricultural Engineering, in the Extension Service in Agriculture and Home Economics and in the Agricultural Experiment Station—resignation effective September 1, 1963.
- HILDRETH, MILDRED, Assistant Reference Librarian, with rank of Instructor—resignation effective September 1, 1963.
- HILL, STEPHANIE O., Fellow in Music—resignation effective September 16, 1963.
- HOWELL, RONALD H., Instructor in Mechanical Engineering, Summer Session of 1963—declination effective June 17, 1963.
- JACOBSON, LEWIS A., United States Public Health Service Summer Fellow (Trainee) in Chemistry—cancellation effective June 15, 1963.
- KLASSEN, PETER P., Professor of Sociology (Chicago Undergraduate Division), Summer Session of 1963—resignation effective June 21, 1963.
- KONA, MRS. MARTHA, Cataloger in the Library, with rank of Instructor (Medicine)—resignation effective July 26, 1963.
- KUGLER, ALFRED, Fellow in Physics—resignation effective June 16, 1963.
- LANDIS, MARTHA, Illini Union Browsing Room Librarian, with rank of Instructor—resignation effective September 1, 1963.
- LASSLO, ANDREW, Bibliographer in the Library, with rank of Instructor—declination effective September 1, 1963.
- LAWDER, SUE A., Grolier-Americana Fellow in Library Science—resignation effective June 15, 1963.
- LOGAN, JOHN F., Instructor in Philosophy—resignation effective September 1, 1963.
- MALLIN, LEAH M., Knox College Fellow in Music—resignation effective September 16, 1963.
- MANDY, WILLIAM J., Research Associate in Microbiology—resignation effective July 1, 1963.
- MCCARTHY, JOSEPH G., Fellow in Electrical Engineering—cancellation effective June 15, 1963.
- MCCARTY, CHARLES G., United States Public Health Service Predoctoral Fellow in Chemistry—resignation effective June 28, 1963.

- McDERMOTT, JOHN P. J., Teaching Fellow in Mathematics — resignation effective September 16, 1963.
- MICK, ROGER M., Assistant Professor of Psychology (Social Science) and Counselor in Student Counseling Service (Chicago Undergraduate Division) — resignation effective July 18, 1963.
- MOLBO, DORIS, Instructor in Nursing — resignation effective July 10, 1963.
- MUNSE, WILLIAM H., Professor of Civil Engineering, Summer Session of 1963 — resignation effective June 17, 1963.
- NARAYANASAMY, R., Research Associate in the Coordinated Science Laboratory and Instructor in Electrical Engineering — resignation effective September 1, 1963.
- O'NEILL, WILLIAM P., National Science Foundation Cooperative Fellow in Chemistry — resignation effective September 1, 1963.
- PAULY, THEODORE J., Instructor in Dentistry — resignation effective September 1, 1963.
- PIETROKOVSKI, JAIME, Research Assistant in Pedodontics (Dentistry) — resignation effective July 1, 1963.
- READ, HELEN J., Instructor in Medical Social Work (Medicine) — resignation effective August 20, 1963.
- REESE, WILLIAM, Research Associate in Physics — resignation effective July 16, 1963.
- SEGOVIA, JOSE L. DE, Research Associate in the Coordinated Science Laboratory — resignation effective September 1, 1963.
- STEWART, MRS. BEVERLY J., Undergraduate Library Assistant in the Library — resignation effective June 18, 1963.
- SUSMAN, NEWTON B., Teaching Fellow in Landscape Architecture — resignation effective June 16, 1963.
- TOUSSAINT, EUNICE, History and Political Science Librarian, with rank of Assistant Professor — resignation effective September 1, 1963.
- WALES, HUGH G., Professor of Marketing, Summer Session of 1963 — resignation effective June 17, 1963.
- WENNINGER, MRS. NANCY, Chemistry Library Assistant in the Library — resignation effective September 1, 1963.
- WILSON, BETTY R., Extramural Loans Librarian in the Library, with rank of Instructor — resignation effective September 1, 1963.
- WOODFIN, BEULAH M., United States Public Health Service Fellow (Trainee) in Chemistry — cancellation effective June 16, 1963.
- ZIMMERMAN, JOHN L., Fellow in Zoology — cancellation effective June 16, 1963.

LEAVES OF ABSENCE

- BARDEEN, JOHN, Professor of Electrical Engineering and of Physics, and Member of the Center for Advanced Study — leave of absence, without pay, March 1, 1964, through August 31, 1964, so that he may accept a position as Visiting Professor of Physics at Yale University.
- BIRCH, JOHN W., Assistant Professor of Economics — leave of absence, without pay, for one year from September 1, 1963, so that he may accept a Visiting Professorship at Tulane University in New Orleans.
- DJORUP, FRANS M., JR., Assistant Professor of Mathematics — leave of absence, without pay, beginning June 1, 1963, and continuing through August 31, 1964, so that he may accept an invitation to spend next year at the Institute for Defense Analyses, Princeton, New Jersey.
- FETTIG, LYLE P., Assistant Professor of Agricultural Economics, in the College of Agriculture and in the Extension Service in Agriculture and Home Economics — leave of absence, without pay, for two months from June 15, 1963.
- FRITH, DONALD E., Associate Professor of Art — leave of absence, without pay, granted him for next year is cancelled, without prejudice.
- JOHNSON, CHARLES E., Associate Professor of Education — leave of absence, without pay, for one year from September 1, 1963, so that he may serve as a Visiting Professor at the University of Puerto Rico.
- MAYER, LEON A., Extension Specialist in the Division of University Extension — leave of absence, without pay, beginning July 29 and continuing through

August 11, 1963, so that he may complete the final two weeks of study in summer school at the University of Illinois.

NIKELLY, ARTHUR G., Clinical Psychologist and Assistant Professor of Hygiene — leave of absence, without pay, beginning July 15 and continuing to August 1, 1963, so that he may serve as a Consultant to the Peace Corps in Washington, D.C.

PAGE, DAVID, Associate Professor of Education, University High School — leave of absence, without pay, for two years beginning August 1, 1963, so that he may serve as Senior Staff Member with Educational Services Incorporated in Watertown, Massachusetts.

SHELDEN, MIRIAM A., Dean of Women — leave of absence on account of sickness, with full pay, for the period July 1 to September 1, 1963, or as much of that period as may be required.

CANCELLATION OF SABBATICAL LEAVES OF ABSENCE

HYDE, VICTOR A., Professor of Community Planning — sabbatical leave of absence granted him for six months from September 1, 1963, is cancelled, without prejudice.

MCMAHON, WALTER W., Associate Professor of Economics — sabbatical leave of absence on one-half pay granted him for the academic year 1963-64 is cancelled, without prejudice.

CHANGES IN SABBATICAL LEAVES OF ABSENCE

LEWIS, OSCAR, Professor of Anthropology — sabbatical leave of absence granted him for the academic year 1963-64 on one-half pay has been changed to sabbatical leave during the first semester on full pay.

OSGOOD, CHARLES E., Research Professor of Communications Research, Director of the Institute of Communications Research, and Professor of Psychology — sabbatical leave of absence during 1963-64 changed from a full year at one-half pay to the first semester on full pay.

STICE, LESLIE F., Professor of Grain Marketing Extension (Agricultural Economics), in the Extension Service in Agriculture and Home Economics — sabbatical leave of absence granted him for the academic year 1963-64 on one-half pay has been changed to leave of absence, without pay, from July 1 through December 31, 1963, and sabbatical leave with full pay from January 1 through June 30, 1964.

WEST, VINCENT I., Professor of Price and Statistics (Agricultural Economics), in the College of Agriculture and in the Agricultural Experiment Station — sabbatical leave of absence granted him for the academic year 1963-64 on one-half pay or six months from February 1, 1964, on full pay, has been changed to leave of absence, without pay from September 1, 1963, through February 29, 1964, and sabbatical leave with full pay from March 1 through August 31, 1964.

RECESS AND EXECUTIVE SESSION

President Clement announced that an executive session has been requested for consideration of reports and recommendations relating to property acquisitions.

On motion of Mrs. Watkins, an executive session was ordered, following a brief recess.

When the Board reconvened in executive session, the same members, officers of the Board, and officers of the University were present as recorded at the beginning of these minutes.

The Board considered the following matters of business.

PURCHASE OF PROPERTY AT 1206 WEST OREGON STREET, URBANA, ILLINOIS

(1) The Board of Trustees on June 19, 1963, authorized condemnation proceedings for the acquisition of property at 1206 West Oregon Street, Urbana, Illinois. Through subsequent negotiations, and prior to filing suit, a price of \$38,000

has been agreed upon for the purchase of this property, which is within the limit authorized by the Committee on Buildings and Grounds. It also appears to be the lowest price for which the property can be acquired without condemnation proceedings and incurring the resulting costs.

Funds are available in the state capital appropriations to the University from the Universities Building Fund.

I recommend authorization of this purchase, and further recommend that the Board rescind its action of June 19 with respect to condemnation proceedings.

On motion of Mr. Pogue, the purchase of this property at the price recommended was authorized, and the resolution adopted by the Board on June 19, 1963, was rescinded; these actions were taken by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Kerner, Mr. Page.

FUNDS FOR THE PURCHASE OF MOVABLE EQUIPMENT

(2) As reported previously to the Board of Trustees, the Universities Building Fund (proceeds from funds secured from the sale of the State Bond Issue) may not be used to purchase movable equipment. The Board authorized a request to the Seventy-third General Assembly in the amount of \$4,779,500 for movable equipment for buildings financed by the State Bond Issue. The buildings include the following:

Urbana-Champaign

Addition to the Physics Building
Addition to the Library
Physical Plant Service Building
Addition to the Electrical Engineering Building
Turner Hall (Plant Sciences Building)
Addition to the Armory

Chicago Medical Center

Addition to the Medical Sciences Building

The General Assembly did not appropriate such funds to the University from the General Revenue of the state, but rather declared the movable equipment "to be in the public interest," which authorizes the Illinois State Building Authority to borrow funds to purchase the equipment and to lease it to the University.

Some of the above listed buildings can be occupied in the fall of 1963 if movable equipment is available but purchase orders must be placed promptly to insure such availability. The Illinois Building Authority has not yet developed its procedures to a point which will enable it to borrow funds in time to permit the fall occupancy of these buildings.

In consultation with the Illinois Building Authority, a procedure has been developed wherein the University of Illinois Foundation can secure short-term financing from the First National Bank of Chicago to buy approximately \$900,000 of the equipment needed for the buildings that will be ready for use this year. The Foundation would buy the equipment, lease it to the University of Illinois for a rental adequate to pay the Foundation's fiscal expenses, and, when the Building Authority is in a position to borrow money for movable equipment, it could then purchase the equipment from the Foundation and lease it to the University.

The First National Bank of Chicago has agreed to loan the Foundation up to \$900,000, the estimated cost of the equipment required, at an interest rate of 2½ per cent per annum.

The Vice-President and Comptroller recommends approval of this arrangement and requests authorization to execute a lease with the University of Illinois Foundation for movable equipment, the annual rental to be an amount equal to 2½ per cent per annum of the cost of the equipment and the term of which lease

would not extend beyond June 30, 1965. Funds for the payment of such rental are available in the General Reserve of the University.

On motion of Mr. Williamson, this recommendation was approved, and authority was given as requested by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Kerner, Mr. Page.

On motion of Mr. Johnston, the Board adjourned.

A. J. JANATA
Secretary

HOWARD W. CLEMENT
President