

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

October 19, 1960



The October meeting of the Board of Trustees of the University of Illinois was held in the Sheraton-Blackstone Hotel, Chicago, Illinois, on Wednesday, October 19, 1960, beginning at 11:00 a.m.

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

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

MEETINGS OF COMMITTEES

Meetings of the Board's Committees on General Policy and Finance were held on Wednesday, October 19, 1960, beginning at 9:00 a.m., and of the Committee on Buildings and Grounds beginning at 2:30 p.m.

PRESIDENT HENRY ELECTED CHAIRMAN OF THE AMERICAN COUNCIL ON EDUCATION

Mrs. Watkins offered the following resolution and moved its adoption:

WHEREAS, during the forty-third Annual Meeting of the American Council on Education, held at Chicago, Illinois, on October 6 and 7, the Council elected as its Chairman for the coming year, Dr. David D. Henry, President of the University of Illinois; and

WHEREAS, the names of the past Chairmen of this organization constitute a roster of the most distinguished leaders in higher education in this country; and

WHEREAS, election to the office of Chairman of the American Council on Education is considered one of the highest honors which can be conferred upon an educator;

Therefore, Be It Resolved that the Board of Trustees of the University of Illinois express its recognition of this supreme and well-merited honor which has been accorded Dr. Henry, and extend its congratulations and best wishes.

This resolution was adopted by a standing vote.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

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

APPOINTMENTS TO THE FACULTY

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

1. DONALD BARTON, Visiting Assistant Professor of Physical Chemistry, nine months from September 1, 1960, at a salary of \$6,550 (G).
2. WILLIAM GEORGE HUBER, Assistant Professor of Veterinary Physiology and Pharmacology, College of Veterinary Medicine, and in Veterinary Research, Agricultural Experiment Station, beginning September 1, 1960, at an annual salary of \$9,500 (DY).
3. MRS. ELAINE PADEN, Assistant Professor of Speech, beginning September 1, 1960, at an annual salary of \$6,800 (D).
4. MURRAY DONALD SIRKIS, Associate Professor of Electrical Engineering, beginning September 1, 1960, at an annual salary of \$10,000 (B).
5. ROBERT SPITZE, Associate Professor of Agricultural Economics, beginning September 26, 1960, at an annual salary of \$10,400 (DY).

Appointments to Nonacademic Staff

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

1. ROBERT V. CAMPBELL, Assistant Manager of Photographic Laboratory, beginning August 22, 1960, at an annual salary of \$6,300.
2. CLARENCE E. GOTSCHALL, Mechanical Construction Superintendent, Physical Plant Department, beginning August 1, 1960, at an annual salary of \$8,400.
3. JOSEPH F. LEISING, Operations Engineer, Physical Plant Department, beginning August 1, 1960, at an annual salary of \$9,600.
4. CARL F. REARDON, Assistant Food Production Manager, Illini Union, beginning August 1, 1960, at an annual salary of \$4,600.
5. MRS. BARBARA L. REED, Assistant to Social Director, Illini Union, beginning July 25, 1960, at an annual salary of \$4,405.
6. DONALD R. SHEPELMA, Assistant Food Production Manager, Residence Halls, beginning August 15, 1960, at an annual salary of \$5,200.

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

**ADVISORY COMMITTEE FOR INSTITUTE FOR RESEARCH
ON EXCEPTIONAL CHILDREN**

(2) The Director of the Institute for Research on Exceptional Children recommends the following appointments to the Advisory Committee of the Institute for Research on Exceptional Children for three years beginning September 1, 1960.

Representatives of the University

PROFESSOR LLOYD G. HUMPHREYS, Department of Psychology

Professor Walter J. Moore, College of Education, and Professor James E. Hulett, Department of Sociology, are the other representatives of the University. Their terms expire in 1962 and 1961 respectively.

Representatives of the Department of Public Instruction

MR. RAY GRAHAM, Director of the Division of Special Education, Springfield (reappointment)

Dr. Oscar Chute, Superintendent of Evanston Public Schools, District No. 65, Evanston, is the other representative of the Department of Public Instruction. His term expires in 1962.

Representatives of the Department of Public Welfare

DR. JOSEPH ALBAUM, Superintendent, Lincoln State School, Lincoln, Illinois (reappointment)

Mr. Harry McClintock, Assistant Director of the Department of Public Welfare, is the other representative of the Department of Public Welfare. His term expires in 1961.

The Board of Trustees on July 16, 1952, approved the plan for the organization of the Institute which includes an advisory committee consisting of three representatives from the University, two from the Department of Public Welfare, and two from the Department of Public Instruction, each appointed for a three-year term.

The Dean of the College of Education and the Vice-President and Provost endorse these nominations.

I recommend approval.

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

MINOR CHANGES IN CURRICULAR REQUIREMENTS

(3) The Urbana Senate has approved recommendations from the faculties of the Colleges of Engineering and Commerce and Business Administration for the following minor changes in curricular requirements:

Department of Aeronautical Engineering. A change in the present provision for substitution of advanced military credit for nontechnical electives: a reduction from six to three semester hours. This does not affect the basic military training requirement and the total number of hours required for graduation is not changed.

College of Commerce and Business Administration. Hygiene 104, The Science of Personal Health, a one-semester course, is dropped as a requirement for graduation for students entering after September 1, 1961. This is consistent with a previous recommendation of the Urbana Senate, approved by the Board, discontinuing hygiene as a general University requirement for graduation.

This is reported for record.

**ACQUISITION OF PROPERTY AT NORTHEAST CORNER
OF GOODWIN AVENUE AND MAIN STREET, URBANA**

(4) With the approval of the Committee on Buildings and Grounds of the Board of Trustees, the University of Illinois Foundation has purchased for the University the property of the Purity Baking Company at 1112 West Main Street, Urbana. The Foundation will hold the property and will lease it to the University until the University has funds for its purchase. The First National Bank of Chicago has financed this property acquisition.

The property is at the northeast corner of Main Street and Goodwin Avenue and consists of a lot approximately 66 feet by 131 feet with a one-story and basement brick building which practically covers the entire lot. The land is needed for future campus expansion and the building can be remodeled for various uses.

Recommendations on this will be submitted to the Board later when studies of the remodeling necessary have been completed and estimates have been made of the cost of the same to make the building available for various uses. Additional funds will be required for remodeling and for operation and maintenance.

In the meantime, the Director of the Physical Plant and the Vice-President and Comptroller recommend that the University lease this property from the Foundation at a rental of \$700 a year, subject to adjustment for any changes in the interest rate on the loan from the First National Bank of Chicago, and with the option of purchasing the property from the Foundation upon payment of the indebtedness to the Bank. The Foundation purchased the property for \$30,000 which would represent a cost of \$3.44 per square foot of the land area. This is substantially below independent appraisals of the property secured by the University and by the owner.

I recommend that the Board approve the action of the Foundation and authorize the lease of the property by the University under the terms stated.

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

EXCHANGE OF PROPERTIES WITH UNIVERSITY CLUB

(5) The Committee on Buildings and Grounds of the Board of Trustees authorized negotiations with the University Club of the University of Illinois for the purchase of its property at 1201 West Oregon Street, Urbana, and for the conveyance of land to the Club as a site for a new Club House. The Board Committee has approved the following proposal, which has now been approved by the membership of the Club:

The University will purchase the present property of the University Club of the University of Illinois at 1201 West Oregon Street, Urbana, at a price of \$90,000;

The University will convey the property at 1108 and 1110 West Illinois Street, Urbana, to the University Club as a site for a new Club House; and

The appropriation of \$10,000 a year to the University Club for services rendered the University will be discontinued when the new Club House is completed.

The purchase of the Club property is, of course, subject to the availability of funds and the conveyance of the property at 1108 and 1110 West Illinois Street will require adoption by the Board of Trustees of a formal resolution which will be submitted for consideration later. In the meantime, I recommend that the Board approve this proposal and that the Comptroller and the Secretary of the Board be authorized to execute such interim documents as may be necessary to implement the plan of property exchanges.

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

APPROPRIATION FOR MODERNIZATION OF ALUMNI RECORDS

(6) The increasing numbers of alumni added to the rolls each year and the demands upon the Alumni Records Office for information concerning alumni make it necessary to expand and improve the system of keeping alumni records. The Vice-President and Comptroller recommends that they be put on electronic data processing equipment, but before this can be done the records must be brought up to date and there will be additional cost involved in putting them on magnetic tape. The conversion will cost approximately \$52,000. The Alumni Association has agreed to provide \$20,000 and the University of Illinois Foundation \$12,000, if the University will supply the additional \$20,000 needed.

The Vice-President and Comptroller recommends, and I concur, that an assignment of \$20,000 be made from the General Reserve Fund for the modernization of the alumni records.

On motion of Mr. Pogue, this appropriation was made by the fol-

lowing vote: Aye, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Stratton.

APPROPRIATION AND GRANT FOR CONSTRUCTION OF ELECTRON MICROSCOPE LABORATORY

(7) The National Science Foundation has made a grant of \$86,600 to the University for construction of an Electron Microscope Laboratory upon condition that the funds be matched from non-federal sources to the extent of at least 50 per cent of the direct costs of the project.

This grant has been accepted on behalf of the Board of Trustees and confirmation of this action is requested. I also recommend an appropriation of \$86,600 of matching funds for this project, \$27,500 to be provided from funds budgeted for the Graduate College and \$59,100 from the General Reserve.

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

APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(8) The Committee on Nonrecurring Appropriations recommends the following appropriations be made to the College of Agriculture from the General Reserve:

1. Department of Agronomy, repair and replacement of chemistry hoods in Davenport Hall.....	\$ 4 000 00
2. Department of Animal Science, repair of fences and weighing facilities at the Beef Cattle Barn.....	2 500 00
3. Department of Dairy Science, remodeling in Round Dairy Barn for physiology laboratory.....	26 600 00
<i>Total</i>	\$33 100 00

I concur.

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

CONTRACTS AND ADDITIONAL APPROPRIATION FOR ADDITIONS TO PHYSICS RESEARCH LABORATORY

(9) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of contracts as follows for the construction of an addition to the Hydrogen Liquefier Building, a separate building recently constructed in the area south of the Physics Research Laboratory, and an addition to the Physics Research Laboratory itself to extend the twenty-two million electron volt laboratory operations on the main floor of the building. The two are being treated as one project and the awards are to the lowest, qualified bidders:

General—A. F. Krall Construction Company, Inc., Decatur.....	\$55 984
Electrical—Knight Electric Company, Inc., Evansville, Indiana.....	6 670
Plumbing—Champaign Plumbing and Heating Company, Champaign..	2 080
Heating—Champaign Plumbing and Heating Company, Champaign....	6 295
Ventilating—Industrial Roofing Company, Mattoon.....	2 961

The total cost of the project is \$81,650, of which \$27,300 is available in a National Science Foundation grant and \$28,200 was appropriated by the Board on May 17. An additional \$12,650 can be provided by the Department of Physics. The Vice-President and Comptroller and the Vice-President and Provost recommend that an appropriation of \$13,500 be made from the General Reserve for the balance of the cost.

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

I concur.

On motion of Mrs. Watkins, these contracts were awarded, as recommended, and the requested appropriation of \$13,500 was made from the General Reserve Fund. These actions were taken by the following vote: Aye, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Stratton.

CONTRACT FOR CONSTRUCTION OF BUILDINGS FOR DEPARTMENT OF ANIMAL SCIENCE

(10) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$20,786.76 to Harshbarger Building and Supply Company, Urbana, the lowest bidder, for the construction of two more research buildings for the Agricultural Experiment Station animal breeding and physiological research program.

Funds are available in a grant of \$200,000 received by the University from the Moorman Manufacturing Company, Quincy, for a project in animal breeding. I concur.

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

CONTRACT FOR AIR CONDITIONING IN KRANNERT ART MUSEUM AND FINE AND APPLIED ARTS BUILDING

(11) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$151,815 to Reliable Plumbing and Heating Company, Champaign, for installation of refrigeration and temperature controls in the Krannert Art Museum and the new Fine and Applied Arts Building to complete the air-conditioning installations in these buildings.

Funds are available in the state capital appropriations to the University for 1959-61, subject to release by the Governor.

I recommend award of this contract subject to availability of funds.

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

CONTRACT FOR ADDITION TO ABBOTT POWER PLANT

(12) On July 21, 1959, the Board of Trustees authorized awards of a series of contracts for the construction of an addition to the Abbott Power Plant and for extension of the utilities distribution system, including a contract for \$590,922 with Babcock and Wilcox Company, Chicago, for a steam generating unit and auxiliaries. The base bid was \$537,202, with a maximum escalation of 10 per cent to cover price increases during the period of construction, and this is being reported for record.

The contract was not executed until July 21, 1960, due to delay in the release of funds. In the meantime, manufacturers have made improvements in certain auxiliaries which are advantageous to the University. Accordingly, the Director of the Physical Plant and the Vice-President and Comptroller recommend a change in this contract to provide for:

1. Omission of feed water regulating valve and the positioning-type combustion air regulator. These items are no longer required because it was necessary to purchase a new type of regulating valve designed to reduce excessive wear, and the positioning-type regulator is being replaced by a new type of regulator recommended in (2);
2. Addition of a steam flow-air flow type combustion regulator which will automatically compensate for variations in the moisture content of the coal and its BTU or heating value;

3. Changing the four reciprocating coal feeders on the stoker to a conveyor-type coal feeder which has certain advantages over the former type.

These changes will require a net increase of \$3,726 in the contract.

I concur.

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

CONTRACT FOR STRUCTURAL STEEL FOR ADDITION TO ABBOTT POWER PLANT

- (13) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract to Clonick Steel Company, Chicago, the lowest bidder, for structural steel members and accessory steel materials for the addition to the Abbott Power Plant (Boiler No. 6, Unit No. 7). The contract will be based on the following prices per pound and estimated quantities:

<i>Structural Members</i>	<i>Coal Bunker</i>	<i>Secondary Structural Members</i>	<i>Column Anchor Bolts</i>
<i>135 Tons</i>	<i>35 Tons</i>	<i>30 Tons</i>	<i>0.3 Tons</i>
<u>\$0.1132</u>	<u>\$0.1582</u>	<u>\$0.1414</u>	<u>\$0.1616</u>

The quantities of the various classifications of structural steel indicated above are based on preliminary estimates of that required, and the total tonnage may vary from that stated by 15 to 20 per cent when detailed drawings are developed.

Submitted herewith is a report from the Physical Plant Department, including a list of all bids received, in support of this proposal, and a copy is being filed with the Secretary of the Board for record.

Funds are available in the state capital appropriations to the University for 1959-61, subject to release of funds by the Governor.

I concur in the recommendation for the award of the contract subject to the release of funds.

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

CONTRACT FOR ROOFING DECK AREAS OF ILLINOIS NEUROPSYCHIATRIC INSTITUTE

- (14) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$8,800 to the Melville Corporation, Chicago, the lowest bidder, for installing a traffic deck roof covering on four permanent deck areas of the Illinois Neuropsychiatric Institute building to rehabilitate deteriorated deck areas.

Funds are available in the Physical Plant budget.

I concur.

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

CONTRACT FOR KITCHEN EQUIPMENT FOR RESEARCH AND EDUCATIONAL HOSPITALS

- (15) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$2,888 to the Stearnes Company, Chicago, the lowest bidder, for the installation of kitchen cabinets, counters, and other equipment in the Research and Educational Hospitals.

Funds have been budgeted in the appropriation for "Research and Educational Dietary Department."

I concur.

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

**CONTRACT FOR STEEL LABORATORY EQUIPMENT
FOR CHICAGO PROFESSIONAL COLLEGES**

(16) The Business Manager of the Chicago Professional Colleges, the Director of the Physical Plant, and the Vice-President and Comptroller recommend award of a contract for \$6,754 to the Metalab Equipment Company (Division of Norbute Corporation), Hicksville, New York, the lowest bidder, for the manufacture and installation of steel laboratory equipment in the Research Laboratory and Library Unit of the Dentistry-Medicine-Pharmacy Building.

The work will consist of fabrication and installation of twenty-two items of steel laboratory equipment including wall cabinets, center tables, wall tables, and fume hood sashes.

Funds have been budgeted in the appropriation for "Remodeling, College of Medicine, Research Laboratory."

I concur.

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

**AMENDMENT OF FEDERAL INTERNAL REVENUE CODE TO SECURE
EQUAL TREATMENT FOR STATE UNIVERSITIES AND LAND-GRANT
COLLEGES IN ADMINISTERING FUNDS CONTRIBUTED THROUGH
INTERMEDIARY FOUNDATIONS**

(17) The Internal Revenue Code of 1954 allows a deduction for contribution of up to 30 per cent of a taxpayer's adjusted gross income if the "extra 10 per cent" comprises gifts to educational institutions. This additional deduction allowance applies only to gifts made directly to educational institutions. Thirty or more state universities and land-grant colleges are now blocked, either wholly or in part, from the benefits in the Code because these institutions either must, or prefer to, receive and administer gifts through separately incorporated foundations.

The University of Illinois has not lost any gifts as a result of this regulation, since it may receive gifts either directly or through the University of Illinois Foundation. In a few cases, however, this provision has caused some difficulties, because a donor who customarily makes contributions to the Foundation and would like to continue doing so might be forced in any particular year, if he wished to enlarge his gift and take advantage of the additional 10 per cent deduction, to make the contribution directly to the University.

In order to remove the difficulties which the University of Illinois has encountered, and to preserve the original intent of the law granting the extra 10 per cent deduction to those institutions which must or prefer to receive gifts through separate foundations or corporations, the University of Illinois has agreed to support an effort by the American Alumni Council to secure an amendment of the Internal Revenue Code which will extend the additional 10 per cent allowance to foundations which receive and administer gifts for public colleges and universities.

This is being reported for the information of the Board.

GIFT OF MR. AND MRS. MAXWELL R. HOTT

(18) Mr. and Mrs. Maxwell R. Hott of Monticello have offered the University their residence property in that city for use as an off-campus facility. The property consists of an entire city block of land and a three-story brick residence with an attached two-story garage and storage area, in Colonial Georgian architecture, and is valued at \$320,000. Their gift will include certain items of furniture and furnishings in the house which will be given outright to the University. Other furnishings and objects of art will be left there on a loan basis. The gift

will be made over a period of years, and the University of Illinois Foundation has agreed to serve as Trustee for the University in the conveyance and operation of the property.

The gift is designated as the "Hott Memorial Center for Continuing Education," and the residence will be used for off-campus conferences, workshops, and other meetings, in the same way as Robert Allerton House.

With the approval of the Committee on Buildings and Grounds of the Board of Trustees, I have accepted this gift and request confirmation of my action. I also recommend that the Comptroller and the Secretary of the Board be authorized to execute such documents as may be necessary in implementing the conveyance of the property to the University.

On motion of Mrs. Watkins, the action of the President was confirmed and authority was given as requested.

On motion of Mr. Herrick, the Secretary was instructed to send a message to Mr. and Mrs. Hott expressing the appreciation of the Board of Trustees for their splendid gift.

PURCHASES

Purchases Authorized

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

Urbana-Champaign Departments

Item	Department	Vendor	Cost
One spectrophotometer, quartz optics, built-in micro scale from 200 mμ. to 2,500 mμ., lamp housing, power supply, sample changer, indicator unit and accessories, and direct reading light source mounted on optical bench	Chemistry and Chemical Engineering	W. H. Kessel & Co., Chicago	\$4 199 00 f.o.b. delivered
Furnish and place approximately 6,282 sq. ft. of 2 in. thickness I-II asphaltic concrete on all present stone surfaced parking strips in the Orchard Place Apartment area, pave center parking island, and pave between curbs and sidewalks along both sides of entrance drive and around perimeter of parking lot	Physical Plant	Champaign Asphalt Co., Champaign	2 575 62 f.o.b. job site

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

Purchases Recommended

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

I concur.

Urbana-Champaign Departments

Item	Department	Vendor	Cost
One automatic super-speed refrigerated centrifuge with accessories	Chemistry and Chemical Engineering	Ivan Sorvall, Inc., Norwalk, Conn.	\$2 958 00 f.o.b. delivered
One spectrophotometer, automatic recording, optical null, near-infrared region range, complete with source, associated photometering optics, monochromator equipped with cells, standard accessories, 115 volt, 60 cycle	Chemistry and Chemical Engineering	Perkin-Elmer Corp., Chicago	5 024 00 f.o.b. delivered
One aerograph temperature programmer with automatic linear programming including recorder, power supply, and related accessories	Chemistry and Chemical Engineering	Wilkins Instrument & Research, Inc., Walnut Creek, Calif.	3 981 25 f.o.b. Walnut Creek, Calif.
One Varian type V-4012-3B rotating 12 in. electromagnet with V-4095 tapered pole caps, air gap 2 3/4 in., pole caps tapered to 8 in. diameter	Chemistry and Chemical Engineering	Varian Associates, Palo Alto, Calif.	19 000 00 f.o.b. delivered
One V-2100B power supply			
One V-K3517 vent kit and one pair additional V-4095 tapered pole caps for 3 1/4 in. air gap with 8 in. face diameter			

Items	Department	Vendor	Cost
One counter-current distribution instrument with automatic filling device, driving mechanism, fraction collector, and fume hood	Chemistry and Chemical Engineering	H. O. Post Scientific Instrument Co., Inc., Middle Village, N.Y.	\$ 7 414 99 f.o.b. delivered
Ten sets electric vacuum gyro-electrodes	Coordinated Science Laboratory	Richardson Manufacturing Co., Springfield	12 000 00 f.o.b. delivered
Three lapped, balanced balls to be fabricated from aluminum	Coordinated Science Laboratory	Professional Instruments Co., Minneapolis, Minn.	6 000 00 f.o.b. delivered
500 type 2N1072 silicon NPN transistors	Digital Computer Laboratory	Western Electric Co., Inc., New York, N.Y.	18 750 00 f.o.b. Laureldale, Pa.
Laboratory furniture consisting of five laboratory benches and five wall cabinets	Health and Safety Education	Leonard Peterson & Co., Inc., Chicago	2 560 00 f.o.b. delivered
One autotutor teaching machine	Institute for Research on Exceptional Children	Western Design, Division of United States Industries, Inc., Goleta, Calif.	3 975 00 f.o.b. delivered
36 movable screen panels for displaying paintings in the Krannert Art Museum	Krannert Art Museum	Willard E. Brewer, Urbana	4 873 00 f.o.b. delivered
One grand concert style harp, ebony finish, with case	Music	Lyon-Healy, Inc., Chicago	3 194 37 f.o.b. delivered
One special high vacuum system for use with an electron microscope	Physics	Varian Associates, Palo Alto, Calif.	8 870 00 f.o.b. delivered
One three-channel scaler	Physics	Baird-Atomic, Inc., Chicago	2 895 00 f.o.b. delivered
One internal counter housing and anti-coincidence shield	Physics	Baird-Atomic, Inc., Chicago	2 895 00 f.o.b. delivered
Print and bind 6,000 copies of bulletin <i>Sea and Age Ralios in North American Ducks</i> , consisting of approximately 125 pages	State Natural History Survey	Illinois Printing Co., Danville	4 000 00 f.o.b. delivered
Lease of one Model 441-21 National Cash Register accounting machine for the period of November 1, 1960, through June 30, 1961, with option to purchase it any time within two years after delivery at purchase price in effect at date of acceptance of lease (\$18,750), 70 per cent of lease payments to apply to purchase price	University Press	The National Cash Register Co., Danville	4 147 50 f.o.b. delivered
License fee for 39 two-hour videotape television programs entitled "The Play of the Week," one run per program	Television-Motion Pictures	National Telefilm Associates, Inc., Beverly Hills, Calif.	5 850 00 f.o.b. shipping point
45 16 mm. films	Audio-Visual Aids Service	Encyclopaedia Britannica Films, Inc., Wilmette	6 517 45 f.o.b. delivered
110 16 mm. films	Audio-Visual Aids Service	Coronet Films, Chicago	11 105 00 f.o.b. delivered
Two model 5635 autotypist units with paragraph selection	Admissions and Records	Paxton Typewriter Co., Bloomington	3 025 00 f.o.b. delivered
One model 26 perforator	Admissions and Records	Paxton Typewriter Co., Bloomington	3 025 00 f.o.b. delivered
One microfilm camera, reduction ratio 24:1, with stand and feeder extension	Business Office (Auditing Division)	Recordak Corp., Chicago	2 790 00 f.o.b. delivered
Furnish and install draperies for foyers, lounges, offices, and recreational areas of Men's Residence Hall SM-3	Housing Division	Art Drapery Studios, Chicago	9 205 96 f.o.b. delivered and installed
Furnish and install rugs and pads for Men's Residence Halls SM-3 as follows: 15 rugs and pads, 11 ft. 8 in. x 19 ft. 6 in., for lounge areas 1 rug and pad, 9 ft. x 12 ft., for apartment living room 1 rug and pad, 9 ft. x 9 ft., for apartment bedroom 4 rugs and pads, 9 ft. x 14 ft., for guest rooms	Housing Division	De Sitter Bros., Chicago	5 243 12 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
23,000 lb. writing paper pads, plain, 16-lb., in various sizes	Office Supply Store	W. M. Putnam Co., Bloomington	\$ 3 883 40 f.o.b. delivered
One three-arm assembly to modify beam type extraction pressure governor on General Electric turbine No. 109143 in Abbott Power Plant	Physical Plant	General Electric Co., St. Louis, Mo.	7 800 00 f.o.b. Lynn, Mass.
18,000 type S577G diodes	Digital Computer Laboratory	Transitron Electronic Corp., Oak Park	19 080 00 f.o.b. delivered
An Anglo-Norman, twelfth-century medieval manuscript	Library	Kroch's & Brentano's, Inc., Chicago	2 500 00
Rag watermarked paper as follows: 400 reams 22 x 34, 40-lb. 50 per cent 400 reams 22 x 34, 40-lb. 25 per cent 200 reams 22 x 34, 32-lb. 25 per cent 24 reams 24 x 38, 49-lb. 25 per cent 36 reams 24 x 38, 39-lb. 25 per cent	Office Supply Store	Hawthorne Paper Co., Chicago	10 934 96 f.o.b. delivered
One AN/GMQ-10C transmissometer with Esterline-Angus continuous record recording in case	State Water Survey	APEMCO, Inc., Chicago	2 643 65 f.o.b. delivered
<i>Chicago Colleges and Divisions</i>			
One used electron microscope	Aeromedical Laboratory	Electrolase Corp., Westlake, Ohio	10 300 00 delivered
One spectrophotometer	Biochemistry	W. H. Kessel & Co., Chicago	4 268 00 delivered
One far-ultraviolet ratio-recording spectrophotometer and accessories	Chemistry	Chicago Apparatus Co., Chicago	14 628 00 delivered
One 4-in. laboratory electromagnet	Chemistry	Varian Associates, Palo Alto, Calif.	3 815 00 f.o.b. Palo Alto, Calif.
2,000 dwt. type C casting gold for the period October 15, 1960, through June 30, 1961	Fixed Partial Prosthodontics	Handy & Harman, Chicago	3 300 00 delivered

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

COMPTROLLER'S REPORT OF CONTRACTS

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

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Glenco Motors, Inc.	Rental for space for waiting room and car rental service at the University of Illinois Airport	\$ 3 750 00 (from October 1, 1960, to December 31, 1961)	September 13, 1960
National Soybean Crop Improvement Council	Soil fertility requirements of different genetic lines of soybeans	21 000 00	August 10, 1960
United States Air Force AF-01(611)-808	Flight instruction for twenty-three students	11 073 01	August 24, 1960
United States Army DA-11-022-508-ORD-3505	Artillery carriage dynamics study	18 893 00	August 24, 1960
United States Navy NBV-24976	Welding procedures, including pre-heating and stress relieving	10 000 00	May 24, 1960
Wyandotte Chemicals Corp., Air Force Sub-contract, AF-33(616)-7214	Ferrocenes substituted with reactive groups	10 000 00	September 8, 1960

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Thad L. Beyle	Second-floor apartment of the Burt House at the University of Illinois Airport	\$ 960 00 annually (September 1, 1960, to August 31, 1961)	September 1, 1960
Joe L. Collins	First-floor apartment of the Burt House at the University of Illinois Airport	1 020 00 annually (September 1, 1960, to August 31, 1961)	September 1, 1960

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
John Deere Plow Co.	Rental of farm machinery, three items; \$16.50 to \$579.15	\$ 915 27 annually	July and August, 1960
Everman Manufacturing Co.	Lease of one model 3290 Everman land leveler with attachments and 1-PD-6 Everman ditcher and panbreaker	118 10 annually	July 10, 1960
International Harvester Co.	Rental of farm machinery, five items; \$61.28 to \$128.60	467 11 annually	May, July, and September, 1960
MacCarthy Ford Tractor Sales, Inc.	Rental of farm machinery, two items; \$5.87 to \$9.76	15 63 annually	August and September, 1960
Massey-Ferguson, Inc.	Lease of one MF deluxe gas tractor with power steering	278 35 annually	July 1, 1960
University of Illinois Foundation	Rental of the Maxwell tract of land located in Champaign County, Illinois	3 400 00 annually	January 29, 1960
University of Illinois Foundation	Rental of the Pell tract of land located in Champaign County, Illinois	2 670 00 annually	February 29, 1960

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
The Bendix Corp.	Thermal conductivity and thermal diffusivity of ceramic-metal combinations	\$28 978 11	July 28, 1960
Commercial Solvents Corp.	Vitamins and growth factors in swine nutrition	3 000 00	September 1, 1960
The Griffin Wheel Co.	Improvement of cast steel railway car wheels	9 689 91	July 29, 1960
Illinois State Housing Board	Recreation and open space study	40 000 00	July 13, 1960
Reinforced Concrete Research Council	Multiple panel reinforced concrete floor slabs	20 000 00	September 22, 1960
United States Department of Agriculture	Plant pest control	5 000 00	July 1, 1960
United States Air Force AF-19(604)-5705	Sage operator performance factors contributing to operator fatigue in sage operations	39 983 00	August 1, 1960
United States Air Force AF-29(601)-2151	Confidential	19 500 00	July 20, 1960
United States Air Force AF-49(638)-466	Study of metal alkyls	6 884 00	August 16, 1960
United States Army DA-18-108-405-CML-517	Evaluate the behavior of immiscible fluids (gases and liquids) in porous solid media	26 200 00	August 29, 1960
United States Atomic Energy Commission AT(11-1)-67, Project No. 5	Atomic energy research and development	33 500 00	August 30, 1960
United States Atomic Energy Commission AT(11-1)67, Project No. 15	Diffusionless phase changes in non-ferrous metals and alloys	68 400 00	August 24, 1960
Upjohn Co.	Research in new antibiotics	6 000 00	August 8, 1960

Adjustments Made in 1959-60 Cost-Plus Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Harry F. Fisher (Plastering)		\$ 351 75 (deduct)	August, 1960

Adjustments Made in 1960-61 Cost-Plus Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Nineteen items; \$532.78 deduct to \$901.54	\$ 2 706 50	August and September, 1960

This report was received for record.

REPORT OF FINANCE COMMITTEE ON BIENNIAL OPERATING BUDGET FOR 1961-63

The Finance Committee began its studies of the University operating budget for the biennium of 1961-63 in consultation with University

officials and other members of the Board of Trustees at a meeting of the Committee held earlier today. The final recommendations of the University administration and of the Finance Committee will be presented to the Board of Trustees at its meeting on November 16, 1960, for approval by the Board of the budget estimates to be submitted to the State Department of Finance and other State officials.

President Henry requested, and was granted, authority to make public announcement of his budgetary recommendations a few days in advance of the Board meeting.

Mr. Swain announced that he will call a meeting of the Finance Committee of the Board to be held in Urbana, Illinois, on Tuesday, November 10, 1960, for further studies of the budget in consultation with University officials, for the preparation of the Committee's recommendation to the Board, and for a press conference. All members of the Board of Trustees are being invited to participate.

Mr. Swain then presented the following progress report of the Finance Committee.

The unexpected increase in enrollment in the fall of 1960 delayed final recommendations on the operating budget for 1961-63 until the increase could be analyzed to determine its effect on long-range enrollment predictions and on budgetary requirements. The Seventy-first General Assembly changed the date on which budget requests must be filed with the Department of Finance to November 15, so it will be possible for the Board of Trustees to consider the recommendations at its regular November meeting. The Finance Committee will be prepared to submit detailed recommendations at that time.

Increased operating funds will be required to maintain the level of operations reached. This is true for the increased costs of the Retirement System because of new retirements in 1960-61. In addition, the Seventy-first General Assembly appropriated some funds for only the second year of the current biennium, recognizing that additional funds would have to be appropriated in the 1961-63 biennium.

While considerable progress was made in increasing academic salaries in the current biennium, further increases will be required if the University is to maintain its competitive position in meeting increases made nationally to improve the economic status of the teaching profession.

Projections of enrollment indicate further increases, which in turn will require substantial additions to staff, expense, and equipment budgets to provide instruction for the additional students.

Further budget additions are needed to meet the increased cost of operations resulting from the operation of new buildings, from accumulated deficiencies in expense and equipment budgets caused by rising prices, as well as by inadequate provisions of the past, and from the unanticipated enrollment in the current biennium.

Finally, there is a need for improvement and expansion of extension and additions to the educational programs. Some funds were appropriated in the current biennium for this purpose, and continuation of this kind of development is essential if the University is to maintain the high standing it has achieved among the great universities of this country.

The details of each area of need, with the amounts recommended by the President of the University and the Finance Committee will be sent to the Board of Trustees in advance of the November meeting.

On motion of Mr. Pogue, this report was adopted, and the procedure for public announcement of the budget recommendation was authorized with the understanding that these recommendations will be subject to approval by the Board of Trustees on November 16, 1960.

**REPORT OF COMMITTEE ON GENERAL POLICY ON CONFERENCE
WITH CITY OF CHICAGO OFFICIALS ON CHICAGO
UNDERGRADUATE DIVISION SITE**

Mr. Johnston, for the Committee on General Policy, submitted the following report:

On invitation of Mayor Richard J. Daley, members of the Board of Trustees and other University officials met with him in his office at 3:00 p.m., September 27, 1960, for a presentation by the Department of City Planning of an alternate site proposal for the University's Chicago Undergraduate Division.

The presentation, illustrated by charts and a model, was made by the Mayor and by Mr. Ira Bach, Commissioner of City Planning, and Mr. Clifford Campbell, Deputy Commissioner of City Planning. An outline of the presentation was presented to the participants and a copy of it is being filed with the Secretary of the Board for record. The purpose of the conference was to present to the Board of Trustees for their consideration alternate sites and specifically the Harrison-Halsted Street site. No action was requested or taken but the University representatives agreed to study the proposal.

In recommending the Harrison-Halsted Street area, the Department of City Planning presented an outline of the conditions for its development under a two-stage program. After the presentation of the model and discussion of the site proposal, the following comments were made orally; and it is assumed that they are to be considered as additional proposals by the City and included by the University in its development of campus plan studies for the Harrison-Halsted Street site:

1. The proposed site will be cleared of all structures before it is transferred to the University.
2. Only the following streets are to remain open and will cross the proposed site: Harrison Street, Taylor Street, and Roosevelt Road.
3. The land to be available in the first stage (south of the Congress Expressway, west of the South Expressway and Halsted Street rerouted, north of Taylor Street, and east of Morgan Street) will be cleared and transferred to the University by July, 1961. The balance of the site will be cleared and transferred not later than July, 1963.
4. The Chicago Land Clearance Commission has, or will have, adequate funds and staff to complete the land acquisition and clearance of the site within the time schedule in "3" above.
5. The plan for the Near West Side Urban Renewal Project will be amended to provide for the construction of high-rise apartment buildings between Harrison Street and the Congress Expressway.
6. The Near West Side Urban Renewal Project is expected to be completed within four to five years.

The University, with the assistance of the Real Estate Research Corporation of Chicago and the firm of Skidmore, Owings, and Merrill, has undertaken the development of preliminary campus plan studies on the Harrison-Halsted Street site. These studies are without prejudice to other sites still under consideration by the Board of Trustees.

On motion of Mr. Harewood, this report was adopted.

DELEGATE TO ILLINOIS COMMISSION OF HIGHER EDUCATION

Mrs. Watkins stated that she will be unable to attend the next meeting of the Illinois Commission of Higher Education, to which she is a delegate of the Board of Trustees, to be held in Chicago, on October 20, 1960.

President Williamson appointed Mr. Hughes as delegate to this meeting, and this was confirmed by unanimous consent.

NOVEMBER AND DECEMBER MEETINGS

On motion of Mr. Swain, the Board voted to hold its November meeting on Wednesday, November 16, 1960, in Chicago, Illinois, the hour

and place to be designated by the President and the Secretary of the Board.

On motion of Mr. Harewood, the Board voted to hold its December meeting on Wednesday, December 21, 1960, in the offices of the First National Bank of Chicago, at an hour to be designated by the President of the Board.

ADDRESSES BY MR. JOHN B. CLAAR AND DEAN ALONZO G. GRACE
President Henry presented Associate Director John B. Claar of the Extension Service in Agriculture and Home Economics who addressed the Board on the work of extension services in these areas in general and with specific reference to such services in Illinois.

Following adjournment of the business session of the Board and the luncheon recess, President Henry presented Dean Alonzo G. Grace of the College of Education who addressed the Board on the state of the College and some plans for its future development.

DEGREES CONFERRED IN OCTOBER

The Secretary presented for record the following lists of degrees conferred at Urbana as of October 15, 1960, on recommendation of the Urbana-Champaign Senate.

Summary

Degrees in the Graduate College:

Doctor of Philosophy.....	134
Doctor of Education.....	14
Doctor of the Science of Law.....	2
Doctor of Musical Arts.....	1
Master of Arts.....	14
Master of Science.....	35
Master of Music.....	2
<i>Total, Graduate College.....</i>	<i>(202)</i>

Baccalaureate Degrees:

Bachelor of Science, College of Agriculture.....	4
Bachelor of Science, College of Engineering.....	4
Bachelor of Arts, College of Liberal Arts and Sciences.....	6
Bachelor of Science, College of Liberal Arts and Sciences.....	9
Bachelor of Science, College of Education.....	3
Bachelor of Science, College of Commerce and Business Administration...	2
Bachelor of Science, College of Journalism and Communications.....	1
Bachelor of Science, College of Physical Education.....	2
Bachelor of Science, Division of Special Services for War Veterans.....	1
<i>Total, Baccalaureate Degrees.....</i>	<i>(32)</i>
<i>Total, Degrees Conferred.....</i>	<i>234</i>

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Agricultural Economics

ROBERT ERWIN JACOBSON, B.S., M.S., 1953, 1956

FRANCIS EDWIN WALKER, B.S., M.S., 1954, 1958

In Agronomy

CHENG-YIN CHENG, B.S., Berea College, 1955; M.S., 1956

DON WARREN GRAFFIS, B.S., M.Agr., Purdue University, 1950, 1956

NORMAN ROYER MALM, B.S., Colorado Agricultural and Mechanical College, 1954; M.S., 1956

DAYAL PHERUMAL MOTIRAMANI, B.S., University of Bombay, 1944; M.S., Agra University, 1956

GUY ERNEST WILKINSON, B.S., M.S., Oklahoma Agricultural and Mechanical College, 1952, 1953

In Animal Nutrition

THOMAS CRUMP DETWILER, B.S., 1957

SHANTOO UDHARAM GURNANI, B.S., M.S., University of Bombay, 1954, 1957

GEORGE JOSEPH WRIGHT, B.S., 1952

In Animal Science

JOHN BURIC, B.S., West Virginia University, 1948; M.S., University of Maryland, 1952

HOWARD LEONARD OPEL, JR., B.S., M.S., University of Maryland, 1950, 1956

In Biophysics

GOVINDJEE, B.S., M.S., University of Allahabad, 1952, 1954

In Botany

ROBERT FREDERICK BILS, B.S., M.S., 1954, 1958

GREGORY GEORGE DOYLE, B.S., University of Washington, 1954; M.S., State College of Washington, 1956

WILLIAM HAYES MATCHETT, B.S., M.S., 1953, 1958

JAMES LEE TAYLOR, B.S., Ohio State University, 1953; M.S., Michigan State University, 1957

In Business

HARRY HOWARD ELWELL, JR., B.B.A., M.B.A., University of Texas, 1947, 1949

In Ceramic Engineering

RICHARD CHARLES ANDERSON, B.S., M.S., 1954, 1958

HENRY GERARD LEFORT, JR., B.Cer.E., Clemson Agricultural College, 1952; M.S., 1957

In Chemistry

DONALD JAMES ANDERSON, Higher Natl. Cert., Liverpool College of Technology, 1956

CLEMENS RAINER ANTON BERGER, Vordiplom, Kiel University, 1955

ALVIN CLIFFORD BOYER, A.B., North Central College, 1956; M.S., 1958

RICHARD LEWIS CARLIN, B.S., Brown University, 1957; M.S., 1959

WILMON BLACKMAR CHIPMAN, A.B., Harvard College, 1954; A.M., Dartmouth College, 1956

MELVIN MYRON GOLDSTEIN, A.B., Northwestern University, 1956; M.S., 1959

JACK WALTER HAUSSER, B.S., Case Institute of Technology, 1956

JOHN ALAN HEDGE, B.S., Indiana University, 1957

JACK AUGUST KAMPMEIER, A.B., Amherst College, 1957

CHARLES THEODORE LYNCH, B.S., George Washington University, 1955; M.S., 1957

BERNARD LEE MEYERS, B.S., Purdue University, 1956; M.S., 1958

RICHARD NEEDHAM PORTER, B.S., Agricultural and Mechanical College of Texas, 1954

RONALD ORLANDO RAGSDALE, B.S., Brigham Young University, 1957; M.S., 1959

NORMAN JENISCH ROSE, A.B., Knox College, 1957

JOHN CHARLES SCHUG, B.Ch.E., The Cooper Union, 1957; M.S., 1958

ROBERT EUGENE STEVERS, B.Chem., University of Tulsa, 1956; M.S., 1958

RICHARD LLOYD TALBOTT, A.B., DePauw University, 1957

In Civil Engineering

JACQUES COHEN, Civ.Engr., Universidade de Minas Gerais, 1955; M.S., University of Florida, 1958

MELVIN THOMAS DAVISSON, B.C.E., University of Akron, 1954; M.S., 1955

RICHARD THEODORE EPPINK, B.S., Case Institute of Technology, 1953; M.S., 1956

JOHAN ANTON FRIEDERICX, B.S., Swarthmore College, 1955; M.S., 1958

TSENG HUANG, B.S., National Chiao-Tung University, 1947; M.C.E., University of Oklahoma, 1955

JAMES GRIERSON MACGREGOR, B.S., University of Alberta, 1956; M.S., 1958

WALLACE WOLFRED SANDERS, JR., B.C.E., University of Louisville, 1955; M.S., 1957

In Classical Philology

JOHN CROWELL THIBAUT, Litt.B., Xavier University, 1944; Ph.Lic., Loyola University, 1947; S.T.B., Alma College, 1954; A.M., 1956

In Communications

RICHARD HOMER GENTRY, A.B., University of Tulsa, 1951; A.M., Stanford University, 1953

In Dairy Science

VICTOR LINÉ ESTERGREEN, JR., B.S., M.S., State College of Washington, 1950, 1956

In Dairy Technology

POUL MARTIN TROST HANSEN, B.S., Royal Veterinary and Agricultural College, 1956; M.S., 1958

In Economics

RONALD EDWIN CARRIER, B.S., East Tennessee State College, 1955; M.S., 1957

JOHN SHIH-YAO CHIU, A.B., National Taiwan University, 1953; A.M., University of Kentucky, 1955

MARY OONA MARQUARDT, A.B., A.M., 1932, 1935

ROBERT JOSEPH TRUSK, A.B., St. Ambrose College, 1951; M.S., Columbia University, 1954

FADIL HASAN ZUWAYLIF, A.B., M.S., 1955, 1958

In Education

DONALD GLUECK ARNSTINE, A.B., University of Chicago, 1951; A.M., Western Reserve University, 1955

HIROSHI AZUMA, A.B., University of Tokyo, 1949

JAMES ERNEST BOWEN, A.B., Ed.M., University of Sydney, 1955, 1958

SUNG PYO CHOI, A.B., Chungang University, 1952

NINA EDELBLUTE, B.S., M.S., Kansas State University, 1931, 1940

GEORGE FRANKLIN MCCOY, JR., A.B., A.M., University of Tulsa, 1949, 1950

MERLIN CARL WITTRICK, B.S., Ed.M., University of Missouri, 1953, 1956

In Electrical Engineering

DONALD ALBERT CALAHAN, B.S., University of Notre Dame, 1957; M.S., 1958

BASIL WAHID HAKKI, B.E.E., American University of Beirut, 1957; M.S., 1958

EDWARD ALLEN HUBER, B.S., M.S., 1956, 1956

HAROLD AYLESWORTH SPUHLER, B.S., Texas Technological College, 1948; M.S., Massachusetts Institute of Technology, 1950

JAMES RALPH YOUNG, B.S., M.S., 1956, 1957

In English

GEORGE FISHER ESTEY, A.B., Tufts University, 1952; A.M., University of Connecticut, 1954

JOHN MARTIN HEISSLER, JR., A.B., Elmhurst College, 1951; A.M., University of Wyoming, 1954

In Entomology

WILLIAM BROWN HAWKINS, A.B., Florence State Teachers College, 1949; M.S., 1954

EDWARD LEE MOCKFORD, A.B., Indiana University, 1952; M.S., University of Florida, 1954

In Food Technology

JOHN WESLEY HUNNELL, B.S., M.S., 1953, 1954

In Geography

DON ROGER HOY, A.B., A.M., University of Oklahoma, 1953, 1954

In Geology

MARION EUGENE BICKFORD, JR., A.B., Carleton College, 1954; M.S., 1958

JOHN ELMER STONE, A.B., Ohio Wesleyan University, 1953; M.S., 1958

JAMES COTTER THARIN, B.S., St. Joseph's College, 1954; M.S., 1958

VALENTINE EDWARD ZADNIK, A.B., Western Reserve University, 1957; M.S., 1958

ARTHUR JOHN ZEIZEL, A.B., University of Connecticut, 1956; M.S., 1959

In German

VINCENT LO CICERO, A.B., Brooklyn College, 1955; A.M., 1958

In History

RICHARD DEAN BURNS, B.S., A.M., 1957, 1958

GEORGE EHRLICH, B.S., M.F.A., 1949, 1951

JACQUES ROGER GOUTOR, A.B., Allegheny College, 1952; A.M., 1956

JAMES MARTIN HAAS, Ph.B., Marquette University; A.M., 1955

JACK JUNIOR NORTRUP, A.B., Illinois College, 1954; A.M., 1955

GEORGE MILTON OCHS, A.B., Grinnell College, 1949; A.M., University of Michigan, 1951

HELEN KATHERINE REINHART, A.B., Quincy College, 1950; A.M., 1956

FRANCIS THEODORE REUTER, B.S., A.M., 1950, 1959

WILDA MAXINE SMITH, A.B., M.S., Fort Hays Kansas State College, 1953, 1957

WILLIAM ROBERT THOMPSON, A.B., A.M., 1950, 1954

In Library Science

MARY LEE BUNDY, B.Ed., State University of New York Teachers College (Potsdam), 1948; A.M., University of Denver, 1951

In Mathematics

EARALIL MATTHEW PAUL, A.B., University of Madras, 1948; M.S., University of Travancore, 1952

In Mechanical Engineering

EDWARD LOUIS BROGHAMER, B.S., Kansas State College, 1934; M.S., 1940

GEORGE FREDERICK SCHRADER, B.S., M.S., 1947, 1951

In Metallurgical Engineering

MANAVASI NARASIMHAN PARTHASARATHI, B.S., University of Madras, 1944; B.S., Banaras Hindu University, 1948; M.S., 1957

In Microbiology

EDNA SEAMAN, B.S., Brooklyn College, 1956

In Musicology

EDWARD CHRISTOPHER WOLF, B.School Mus., Capital University, 1953; M.Mus., Northwestern University, 1955

In Philosophy

JACK CLOYD CARLOYE, A.B., A.M., University of Chicago, 1950, 1953

In Physical Education

RICHARD ANTHONY BERGER, A.B., A.M., Michigan State University, 1951, 1956

JOSEPH GUY METIVIER, B.S., University of Ottawa, 1956; M.S., 1957

In Physics

ROLAND CLEMENTS HANSON, B.S., Michigan College of Mining and Technology, 1955; M.S., 1956

WILLIAM COFFEEN HOLTON, B.S., University of North Carolina, 1952; M.S., 1956

JACK DEAN KINGSLEY, B.S., M.S., University of Wisconsin, 1956, 1957; M.S., 1958

AMULYA LAL LASKAR, B.S., M.S., University of Calcutta, 1950, 1953

JAMES GENTRY MULLEN, B.S., University of Missouri School of Mines and Metallurgy, 1955; M.S., 1957

CAMDEN BALLARD PIERCE, B.S., University of Richmond, 1954; M.S., 1956

In Physiology

RUSSELL EUGENE DILL, A.B., M.S., North Texas State College, 1953, 1957

JOHN FREDERICK DIMMICK, B.S., M.S., Western Illinois University, 1948, 1949

ROBERT DENNIS GALVIN, B.S., M.S., University of Kentucky, 1948, 1950

In Political Science

- RICHARD EDWARD BAIRD, A.B., Augustana College, 1951; A.M., 1953
 DAVID WEN-WEI CHANG, A.B., Southwestern (Memphis), 1955; A.M., University of Minnesota, 1957
 EDWARD FERGUSON III, A.B., Millikin University, 1952; A.M., 1956
 CHARLES RAYMOND GREEN, A.B., Augustana College, 1957; A.M., 1959
 BOYD RAYMOND KEENAN, A.B., A.M., University of Kentucky, 1949, 1957
 CHARLES SEYMOUR LIEBMAN, B.B.A., University of Miami, 1956; A.M., 1958
 HARRY RICHARD MAHOOD, A.B., A.M., University of Oklahoma, 1951, 1952
 DAVID MICHAEL WOOD, A.B., Miami University, 1956; A.M., 1958
 LUTHER HARMON ZEIGLER, JR., A.B., Emory University, 1957; A.M., 1958

In Psychology

- HERBERT BLAUFARB, A.B., 1953
 KENT RONALD CHRISTENSEN, B.S., 1956
 ROGERS ELLIOTT, A.B., Brown University, 1952
 ROBERT EDWIN MCMICHAEL, A.B., San Diego State College, 1956; A.M., 1959

In Speech

- JAMES LEE HIGHLANDER, A.B., Eureka College, 1951; A.M., 1952
 GLENN QUIMBY PIERCE, JR., A.B., A.M., University of Kansas, 1957, 1958
 WILLIAM GEORGE ROBERTZ, A.B., Gustavus Adolphus College, 1951; A.M., 1953
 HARRY EDWARD STIVER, JR., A.B., Hastings College, 1950; A.M., University of Nebraska, 1952
 WARREN EARL WRIGHT, A.B., A.M., Emerson College, 1951, 1952

In Theoretical and Applied Mechanics

- GEORGE WILLIAM BROCK, B.S., University of Nottingham, 1952; M.Met., University of Sheffield, 1954; M.S., 1957
 ROY ROCHESTER CRAIG, JR., B.S., University of Oklahoma, 1956; M.S., 1958
 SANGIAHNADAR DHARMARAJAN, B.Eng., University of Madras, 1950; M.S., 1958
 GERALD JAMES MOYAR, B.S.E., Princeton University, 1957; M.S., 1958
 JOHN WASHBURN MURDOCK, B.S., Rose Polytechnic Institute, 1947; M.S., 1956
 CHING-WU TSENG, B.S., M.S., 1956, 1958

In Veterinary Medical Science

- WILLIAM GEORGE HUBER, B.S., D.V.M., M.S., 1950, 1952, 1957

In Zoology

- WALTER LEE GILLESPIE, A.B., A.M., Miami University, 1952, 1954
 JOHN SYLVESTER HALL, B.S., A.M., University of Massachusetts, 1951, 1956
 CARLTON HECKROTTE, B.S., University of Toledo, 1952; M.S., 1956

Degree of Doctor of Education*In Education*

- SAMUEL CLEMENTS ASHCROFT, B.S., Northwestern University, 1946; A.M., New York University, 1951
 CHARLES NELSON GROTE, B.S., Eastern Illinois University, 1950; Ed.M., University of Missouri, 1955
 PROMILA GUPTA, B.Teach., A.B., East Panjab University, 1948, 1949; LL.B., University of Poona, 1955
 JUNE BEAVER JORDAN, A.B., Western Maryland College, 1951
 PHYLLIS KINNISON LOWE, B.S., Ed.M., University of Missouri, 1941, 1950
 CHARLES PATRICK MARTIN, JR., B.S., M.S., 1949, 1949
 JEROME MOSS, JR., B.S., Carnegie Institute of Technology, 1947; A.M., Columbia University, 1957
 JAMES LADD OLSON, B.S., Wisconsin State College (Milwaukee), 1952; Ed.M., 1957
 ESTHER PAULINE ROOSSINCK, B.S., Western Michigan College of Education, 1951; M.S., University of Michigan, 1955
 GEORGE EDWIN ROSS, A.B., Ed.M., 1952, 1953
 JOHN MAGNUSEN SHERICK, A.B., A.M., Michigan State University, 1950, 1951
 GEORGE PATRICK YOUNG, A.B., University of Kansas, 1947; Ed.M., University of Pittsburgh, 1951

In Music Education

FRANK McCLUNG CROCKETT, B.S., Juilliard School of Music, 1950; M.Mus., University of Texas, 1952
HAROLD DUANE RUTAN, B.S., Ohio State University, 1950; M.F.A., Ohio University, 1952; Ed.M., 1957

Degree of Doctor of the Science of Law

MAURICE GRAHAM PORTER, LL.B., 1938
THOMAS REX WALENTA, B.S., University of Idaho, 1926; LL.B., University of Minnesota, 1933; LL.M., 1953

Degree of Doctor of Musical Arts

LAWRENCE THOMAS FREDRICKSON, B.Mus., Ohio Wesleyan University, 1950; M.Mus., 1952

Degree of Master of Arts*In English*

MARGARET ANNE THATCHER ROBINSON, A.B., Queen's University, 1959

In French

WILLIAM MONTIETH McINTOSH, A.B., Oberlin College, 1952; A.M., University of Chicago, 1956

In History

DAVID HOLMES BRAWNER, A.B., 1957
WILLIAM GILBERT GARD, A.B., 1958
LYMAN ARTHUR KELLSTEDT, B.S., Bradley University, 1958
WALTER JOSEPH STEINER, B.S., College of the City of New York, 1956

In Political Science

JOHN CLYDE NORTON, A.B., St. Ambrose College, 1956

In Psychology

JAMES VINCENT SHANNON, B.S., Loras College, 1950
INA CEPENAS UZGIRIS, B.S., 1957

In Sociology

HAROLD TWAIN CURL, A.B., Olivet Nazarene College, 1953
SAYAN UTHAISRI, LL.B., University of Thammasat, 1951

In Spanish

MARCIA JEAN WHITE, A.B., University of Rochester, 1959

In Speech

THOMAS JAMES WATERS, A.B., University of Delaware, 1958

In the Teaching of Speech

GONNIE MICHAELOFF, B.S., 1955

Degree of Master of Science*In Advertising*

CARL WILLIAM KIRNBAUER, A.B., University of Chicago, 1958

In Aeronautical Engineering

JAMES JOSEPH PIECHOCKI, B.S., 1956
CHARLES RAY STROM, B.S., 1959

In Agricultural Economics

BOYD ALONZO HENRY, B.S., 1951
WILLIAM LLOYD MILLER, B.S., 1957

In Chemical Engineering

DENNIS BOYDE SIGLOH, B.S., University of Minnesota, 1959

In Chemistry

MARTHA HEINSELMAN MORAGHAN, B.S., Kent State University, 1958
MARILYN YVONNE SMITH, B.S., West Virginia Wesleyan College, 1958

In Dairy Science

LARRY LARUE EWING, B.S., University of Nebraska, 1958

In Economics

ROBERT LOUIS DOLEZAL, B.S., University of Nebraska, 1959

In Finance

LAWRENCE SAGER, B.S., 1958

In Food Technology

WEI-TSE HSIEH, B.S., National Taiwan University, 1956
WAYNE LESLIE STEENSEN, B.S., University of Dubuque, 1958

In Geology

JOHN BRIAN KENNERLEY, B.S., University of London, 1959
NORMAN JOHN PAGE, A.B., University of Oxford, 1957
RICHARD ELBRIDGE SMITH, A.B., University of New Hampshire, 1959

In Management

PAUL MILTON ABLE, B.S., Quincy College, 1958

In Mechanical Engineering

DAVID DICKEN REDHED, A.B., Ripon College, 1956; B.S., Massachusetts Institute of Technology, 1959

In Metallurgical Engineering

EDGARDO ANGEL BISOGNI, Chemist, National University of LaPlata, 1957; License, National University of Cuyo, 1958
JOHN ANTHONY HREN, B.S., University of Wisconsin, 1957
STUART MAURICE MYRON, B.S., University of California (Berkeley), 1959

In Microbiology

ELIZABETH THOMAS GAUDY, B.S., Austin Peay State College, 1947

In Physical Education

MARY MURPHY ALFORD, B.S., Agricultural and Technical College of North Carolina, 1951
LARRY THOMAS MASYELLER, A.B., Albion College, 1959
BRODIE CURTIS WESTEN, JR., B.S., Northern Michigan College of Education, 1958

In Radio and Television

DONALD HERMAN SCHLOSSER, B.S., Marquette University, 1957

In Recreation

LYNWOOD DALE GRAFT, B.S., Montana State College, 1959
WILBURN EDWARD NORMAN, B.S., 1957

In the Teaching of Mathematics

JOAN MARIE SMITH, A.B., Mundelein College, 1957; Ed.M., Loyola University, 1960

In Theoretical and Applied Mechanics

ERNEST VICTOR WILMS, B.S., University of Manitoba, 1958

In Veterinary Medical Science

RAYMOND EDGAR OLSEN, B.S., D.V.M., 1950, 1952
THOMAS NEIL PHILLIPS, B.S., D.V.M., 1953, 1955

In Zoology

JOHN CLEMENT CBALLEY, B.S., 1956
KENNETH GENE HARTZ, B.S., 1958
RAYMOND LAWRENCE WILL, B.S., 1959

Degree of Master of Music

CAROLYN AYERS FINFGELD, B.Mus., Oberlin College, 1959

HARRY JOSEPH SPTLER, B.Mus., Cleveland Institute of Music, 1958

COLLEGE OF AGRICULTURE**Degree of Bachelor of Science***In Agriculture*

WILLIAM ALBERT BROWN

BERKELEY FREDERICK MOYLAND, JR.

RODNEY ARTHUR NILSSON

DAVID HUBERT OAKES

COLLEGE OF ENGINEERING**Degree of Bachelor of Science***In Aeronautical Engineering*

WILLIAM WOLNY

In Electrical Engineering

STEPHEN SUI-KUAN WANG

In Industrial Engineering

RICHARD SANDER LAZAR

In Mechanical Engineering

ROBERT JAMES NOLAN

COLLEGE OF LIBERAL ARTS AND SCIENCES**Degree of Bachelor of Arts***In Liberal Arts and Sciences*

WILLIAM DELOS CARLOCK

RONALD ALAN FEINGOLD, Honors in
Liberal Arts and SciencesBARBARA FRANCES GAUL, Honors in
Liberal Arts and Sciences

ALFRED IRWIN GREENBERG

LINNEA CARLSON ROSS

ELIZABETH AGRIMONTI SWEET

Degree of Bachelor of Science*In Chemical Engineering*

TAMAS ACEL

In Liberal Arts and Sciences

JOHN KEITH BOUSEMAN

JOHN DAVID DUBINECKI

BURDETT SHERIDAN DUNBAR, Honors
in Liberal Arts and SciencesJOSEPH HOWARD MAURITZEN, Honors
in Liberal Arts and SciencesBARBARA JEAN MILLER, Honors in
Liberal Arts and SciencesBARBARA GRAY VEST, Honors in
Liberal Arts and Sciences

PHYLLIS JEAN WENDEL

In the Teaching of Mathematics

BARBARA JEAN PARDINI

COLLEGE OF EDUCATION**Degree of Bachelor of Science***In Education*

HUSNU ARICI

MERLE GORDON KAMINSKY, High
Honors*In Elementary Education*

MARIS LYNNE FREED

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

PETER ALLEN HESS

In Marketing

HAROLD QUIST

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

HAROLD MILTON HOFFENKAMP

COLLEGE OF PHYSICAL EDUCATION**Degree of Bachelor of Science***In Physical Education*

GEORGE HENRY BONSALE

BARBARA DIXON BRINKER

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS**Degree of Bachelor of Science**

RICHARD ALLEN HEARD

SECRETARY'S REPORTS

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

APPOINTMENTS MADE BY THE PRESIDENT

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

- ABRAMS, SAMUEL I., Instructor in the Classics, academic year beginning September 1, 1960, \$5,000 (9-8-60).
- ABSHIRE, CLAUDE J., Research Associate in Chemistry, five months from September 1, 1960, \$550 a month (9-14-60).
- AIBARA, KAGEAKI, Assistant in Food Technology (S), one year from September 1, 1960, \$4,800 (9-24-60).
- AISO, HIDEO, Research Assistant in the Digital Computer Laboratory, nine months from September 16, 1960, \$4,000 (9-8-60).
- ALHADEFF, ALBERT V., Assistant in Economics (Chicago Undergraduate Division), nine months from September 16, 1960, \$4,500 (9-12-60).
- ALMY, GERALD M., Professor of Physics and Acting Head of the Department (C), July 1-31, 1960, and August 16-September 15, 1960, \$2,022.22 a month, supersedes (9-8-60).
- AL-RUBAYT, NAJIMIDDEN A., Instructor in Theoretical and Applied Mechanics (C), academic year beginning September 1, 1960, \$5,400 (9-29-60).
- BAKER, WILLIAM K., Research Assistant in Chemistry, one month from September 1, 1960, \$400 (10-4-60).
- BAREIS, CHARLES J., Research Associate in Anthropology, one year from September 1, 1960, \$6,300 (10-4-60).
- BARTHEL, MRS. CHRISTINA G., Assistant in Veterinary Pathology and Hygiene (College of Veterinary Medicine) and in Veterinary Research (Agricultural Experiment Station), September 6, 1960-August 31, 1961, \$4,650 a year, supersedes (9-19-60).
- BASSETT, IAN M., Research Associate in Chemistry, three months from September 1, 1960, \$1,400 (10-4-60).
- BERGER, RICHARD A., Instructor in Physical Education for Men, academic year beginning September 1, 1960, \$5,200 (9-8-60).

- BIELINSKI, STEFAN, Clinical Assistant Professor of Dermatology (Medicine), one year from September 1, 1960, without salary (9-14-60).
- BLACK, SIDNEY, Clinical Assistant Professor of Surgery (Medicine), $\frac{1}{4}$ time, one year from September 1, 1960, \$2,400 (9-19-60).
- BLANDY, JOHN P., Instructor in Surgery (Medicine), ten months from September 1, 1960, without salary (9-2-60).
- BLOOMFIELD, JORDAN J., Research Associate in Chemistry, five months from September 1, 1960, \$550 a month (9-29-60).
- BLOSTEIN, RHODA, Research Associate in Chemistry, September 15, 1960-August 31, 1961, \$5,500 a year (10-4-60).
- BOLIN, RICHARD R., Clinical Assistant Professor of Psychiatry (Medicine), August 1, 1960-August 31, 1961, without salary, supersedes (9-14-60).
- BORESI, ARTHUR P., Professor of Theoretical and Applied Mechanics (C), September 1-15, 1960, \$1,044 a month; this is in addition to his present appointment (9-8-60).
- BOWALD, ROSEMARY A., Instructor in Home Economics (C), academic year beginning September 1, 1960, \$4,800 (9-9-60).
- BREEDIS, JOHN F., Research Associate in Mining and Metallurgical Engineering (C), September 16, 1960-August 31, 1961, \$7,500 a year, supersedes (9-19-60).
- CALLAHAN, GARY D., Microanalyst in Chemistry, September 28, 1960-August 31, 1961, \$4,650 a year (10-4-60).
- CARROLL, JOHN A., Assistant in Recreation (College of Physical Education) and in the Illini Union, nine months from September 16, 1960, \$4,000, supersedes (9-12-60).
- CARROLL, PATRICIA M., Assistant in Education (University High School), nine months from September 16, 1960, \$4,700 (9-19-60).
- CECE, JOSEPH D., Clinical Assistant in Medicine (Medicine), one year from September 1, 1960, without salary (9-12-60).
- CHALMERS, RUTH V., Research Assistant in Electrical Engineering (C), one year from September 1, 1960, \$4,650, supersedes (10-4-60).
- CHANNAPRAGADA, RAO S., Research Associate in Mining and Metallurgical Engineering (C), $\frac{3}{4}$ time, one year from September 1, 1960, \$6,000 (9-23-60).
- COLEMAN, HAROLD M., Instructor in Chemistry (Chicago Undergraduate Division), $\frac{3}{4}$ time, academic year beginning September 1, 1960, \$4,350 (9-19-60).
- COST, JAMES R., Research Assistant in Theoretical and Applied Mechanics (C), September 16, 1960-January 31, 1961, \$2,000 (10-4-60).
- COTE, MICHEL G., Instructor in Veterinary Physiology and Pharmacology (College of Veterinary Medicine) and in Veterinary Research (Agricultural Experiment Station), $\frac{3}{8}$ time, one year from September 1, 1960, \$4,500 (9-19-60).
- COTTRELL, FRANCES B., Assistant in Education (University High School), nine months from September 16, 1960, \$5,400 (9-19-60).
- CROSS, MRS. MARY A., Research Assistant in the Digital Computer Laboratory, nine months from September 16, 1960, \$4,000 (9-8-60).
- DAMRIN, DORA E., Associate Professor of Education, Bureau of Educational Research, on indefinite tenure, and Assistant Director of the University Honors Program, one year from September 1, 1960, \$9,700 a year (9-8-60).
- DAS, ARUP K., Research Assistant in Oral Pathology (Dentistry), September 16, 1960-August 31, 1961, \$4,650 a year (10-4-60).
- DEPALMA, RUDOLPH E., Research Associate in Applied Materia Medica and Therapeutics (Dentistry), $\frac{1}{2}$ time, one year from September 1, 1960, \$3,300 (9-19-60).
- DILL, JAMES E., Clinical Assistant in Medicine (Medicine), one year from September 1, 1960, without salary (9-12-60).
- EEREWIEN, HORST, Research Associate in Chemistry, October 1, 1960-August 31, 1961, \$6,300 a year (10-4-60).
- EISEN, NATHANIEL H., Assistant Professor of Psychology, $\frac{1}{2}$ time, academic year beginning September 1, 1960, \$4,000 (9-28-60).
- ENGELSBURG, STANLEY J., Research Associate in Physics (C), September 26, 1960-August 31, 1961, \$7,000 a year (9-29-60).
- EVITTS, MARY S., Associate Professor of Nursing, September 1-October 7, 1960, \$9,500 a year (9-12-60).
- FAIMAN, MICHAEL, Research Assistant in the Digital Computer Laboratory, nine months from September 1, 1960, \$6,533 a year (9-8-60).

- FARA, HARRY, Research Associate in Mining and Metallurgical Engineering (C), $\frac{3}{4}$ time, one year from September 1, 1960, \$6,667 (10-10-60).
- FEIGHT, JOHN J., JR., Assistant Extension Editor, with rank of Instructor (E), September 15, 1960-August 31, 1961, \$7,500 a year (9-14-60).
- FRITZ, THOMAS E., Instructor in Veterinary Pathology and Hygiene (College of Veterinary Medicine) and in Veterinary Research (Agricultural Experiment Station), September 17, 1960-August 31, 1961, \$8,000 a year, supersedes (10-5-60).
- GALLIOS, JOHN A., Research Assistant in Pedodontics (Dentistry), one year from September 1, 1960, \$4,650 (10-4-60).
- GAZDA, GEORGE M., Research Assistant Professor of Education, academic year beginning September 1, 1960, \$7,200 (10-4-60).
- GILSON, NANCY V., Instructor in Medical Social Work (Medicine), one year from September 1, 1960, without salary (9-14-60).
- GOLDSTEIN, MELVIN, Research Associate in Psychology, $\frac{1}{2}$ time, academic year beginning September 1, 1960, \$3,000, supersedes (9-19-60).
- GRANT, E. RHODA, Research Associate in Clinical Science (Medicine), $\frac{4}{5}$ time, one year from September 1, 1960, \$4,800 (9-12-60).
- GRAY, MRS. MARY T., Research Assistant in the Digital Computer Laboratory, nine months from September 16, 1960, \$4,000 (9-8-60).
- GREEN, ROBERT A., Research Assistant in Medicine (Medicine), September 6, 1960-August 31, 1961, \$4,650 a year (9-12-60).
- GREENEISEN, JON F., Instructor in Agricultural Communications and Journalism (College of Agriculture, Extension Service in Agriculture and Home Economics, and College of Journalism and Communications), one year from September 1, 1960, \$7,500, supersedes (9-14-60).
- GUY, OSMOND S., Instructor in Art, academic year beginning September 1, 1960, \$5,500 (9-19-60).
- HARNISH, MRS. ALICE J., Assistant in Education (University High School), nine months from September 16, 1960, \$5,000 (9-9-60).
- HARRINGTON, JOHN C., Project Assistant in Chemistry, with rank of Research Assistant, one year from September 1, 1960, \$6,750 (10-4-60).
- HEDEGAARD, JENS, Research Associate in Chemistry, one year from September 1, 1960, \$6,000, supersedes (10-4-60).
- HEDVIG, THOMAS I., Instructor in Electrical Engineering (C), $\frac{1}{3}$ time, academic year beginning September 1, 1960, \$1,000; this is in addition to his appointment as Engineering Faculty Development Teaching Fellow in Electrical Engineering for five months from September 1, 1960 (9-12-60).
- HERMAN, MYRL G., Visiting Lecturer in Education, nine months from September 16, 1960, \$7,200 (9-8-60).
- HERRICK, ROBERT L., Assistant in Sociology, nine months from September 16, 1960, \$5,500 (9-15-60).
- HOLDEN, MRS. MARGARET, Consultant in the School of Social Work, with rank of Associate Professor, one year from September 1, 1960, \$10,500, supersedes (9-19-60).
- HRADEK, RICHARD W., Research Associate in Theoretical and Applied Mechanics (C), 62/100 time, academic year beginning September 1, 1960, \$3,224, supersedes (9-29-60).
- HUFFNAGLE, MADELINE A., Research Assistant in Zoology, September 16, 1960-August 31, 1961, \$4,800 a year (10-4-60).
- HUTCHINSON, JOHN W., Instructor in Civil Engineering (C and S), academic year beginning September 1, 1960, \$7,900, supersedes (9-19-60).
- JANN, KLAUS, Research Associate in Chemistry, September 1, 1960-January 15, 1961, \$550 a month (10-4-60).
- JORDAN, LAURA, Instructor in Education, one year from September 1, 1960, \$8,500, supersedes (9-14-60).
- KANDA, IWAO, Assistant in Pediatrics (Medicine), one year from July 1, 1960, without salary (9-12-60).
- KARTUN, LAWRENCE D., Clinical Assistant in Medicine (Medicine), one year from September 1, 1960, without salary (9-12-60).
- KAYNAR, OYA, Assistant in Speech and Theatre, nine months from September 16, 1960, \$3,800, supersedes (9-29-60).
- KELSEY, PATRICIA A., Assistant in Occupational Therapy (Medicine), September 15, 1960-August 31, 1961, \$5,300 a year (10-4-60).

- KITAGAWA, ISAO, Research Associate in Food Technology (S), September 15, 1960-August 31, 1961, \$5,500 a year, supersedes (9-22-60).
- KLEE, FLORENCE C., Instructor in Chemistry (Pharmacy), $\frac{1}{2}$ time, academic year beginning September 1, 1960, \$2,500 (10-4-60).
- KOCH, HARRIETT B., Instructor in Nursing, full time, September 1-December 31, 1960, \$555.55 a month, and $\frac{3}{4}$ time, January 1-August 31, 1961, \$4,000 a year, to render service during the academic year, supersedes (9-12-60).
- KOORAJIAN, SAMUEL, Research Assistant in Biological Chemistry (Medicine), one year from September 1, 1960, \$4,650, supersedes (9-12-60).
- KOZLOV, MARVIN, Instructor in Pedodontics (Dentistry), $\frac{4}{5}$ time, one year from September 1, 1960, \$5,800, supersedes (9-19-60).
- KRUMWIEDE, MRS. DORIS M., Research Assistant in Ceramic Engineering (S), September 16, 1960-August 31, 1961, \$5,580 a year, supersedes (10-1-60).
- KUPER, CHARLES G., Research Assistant Professor of Physics (C), four months from November 1, 1960, \$700 a month, supersedes (9-8-60).
- LAMBRAKIS, HELEN, Assistant in Sociology, nine months from September 16, 1960, \$3,800 (9-8-60).
- LASK, EMANUEL A., Research Associate in Education, one year from September 1, 1960, \$7,500 (9-24-60).
- LEACH, JAMES L., Professor of Foundry Engineering, in the Indian Institute of Technology, Kharagpur, India, under Contract ICAC-1220, beginning October 10, 1960, and continuing through April 20, 1961, \$14,200 a year; in addition to salary, allowances as provided in the Standardized United States Government Civilian Allowance Regulations (Foreign Areas) as from time to time amended, will also be paid; and Professor of Mechanical Engineering (C), indefinite tenure from April 21, 1961, annual salary \$9,200, supersedes (9-14-60).
- LEE, BONG K., Research Assistant in Chemistry (Pharmacy), one year from September 1, 1960, \$4,800 (10-5-60).
- LIERMAN, GERTRUDE H., Assistant in Home Economics (C), nine months from September 16, 1960, \$4,300 (10-4-60).
- LINDLEY, DANIEL A., JR., Instructor in Education (University High School), academic year beginning September 1, 1960, \$5,800 (9-29-60).
- LINDSTROM, BJORN, Instructor in Surgery (Medicine), 7/10 time, nine months from September 15, 1960, \$400 a month (10-4-60).
- LITTLEDIKE, ERNEST T., Instructor in Veterinary Anatomy and Histology (College of Veterinary Medicine) and in Veterinary Research (Agricultural Experiment Station), $\frac{3}{5}$ time, one year from September 1, 1960, \$4,600 (9-19-60).
- LÜSCHER, EDGAR, Research Assistant Professor in the Coordinated Science Laboratory (C), one year from September 1, 1960, \$10,000, supersedes (9-14-60).
- MARTIN, NANCY L., Instructor in Nursing, one year from September 1, 1960, \$6,000 (9-14-60).
- MCDONALD, MRS. EVELYN K., Instructor in Psychiatry (Medicine), $\frac{4}{5}$ time, eleven months from October 1, 1960, \$9,000 a year (9-19-60).
- MCGREW, ELIZABETH A., Lecturer in Pathology, with rank of Associate Professor (Medicine), four months from September 1, 1960, \$1,300 a month (9-14-60).
- MEERMAN, GERARDINE, Research Assistant in Chemistry, nine months from September 16, 1960, \$3,800 (10-4-60).
- METZE, GERNOT A., Research Assistant Professor of Electrical Engineering (C) and in the Digital Computer Laboratory, one year from September 1, 1960, \$8,500, supersedes (9-19-60).
- MEYER, JULIA, Assistant Professor of Oral Pathology (Dentistry), one year from September 1, 1960, \$9,900 (7-18-60).
- MODI, VINOD V., Research Associate in Animal Science (S), one year from April 15, 1961, \$6,000 (9-29-60).
- MOSS, JAMES W., Research Associate in the Institute for Research on Exceptional Children, one year from September 1, 1960, \$8,450, supersedes (9-14-60).
- MULVANEY, JAMES E., Research Associate in Chemistry, one year from September 1, 1960, \$6,600 (9-20-60).
- MURDOCK, JOHN W., Assistant Professor of Theoretical and Applied Mechanics (C), academic year beginning September 1, 1960, \$6,900 (9-23-60).

- NAGARAJ, AKKIBERHAL N., Research Associate in Botany, six months from August 16, 1960, \$500 a month (9-8-60).
- NAIR, MOHAN D., Research Associate in Chemistry, September 12, 1960-February 28, 1961, \$541.67 a month (10-4-60).
- NAMBURY, C. N. V., Research Associate in Chemistry (Pharmacy), one year from September 1, 1960, \$6,000 (10-4-60).
- NEDELSKY, LEO, Research Associate in Teacher Education (Dentistry), $\frac{1}{2}$ time, one year from September 1, 1960, \$2,700 (10-4-60).
- NICKELSON, WILLIS F., Instructor in Animal Science Extension (E), one year from September 1, 1960, \$7,700, supersedes (9-8-60).
- NUENKE, RICHARD H., Research Associate in Chemistry, one year from September 1, 1960, \$6,500 (9-14-60).
- OTSUKI, SABURO, Research Associate in Psychiatry (Medicine), eleven months from October 1, 1960, \$5,500 a year (9-14-60).
- PAOLUCCI, ANNA M., Research Associate in Animal Science (S), September 15, 1960-August 31, 1961, \$5,500 a year (9-19-60).
- PEASE, DAVID W., JR., Assistant in Education (University High School), nine months from September 16, 1960, \$5,000 (9-9-60).
- PETERSON, HELEN M., Research Associate in Botany, nine months from September 16, 1960, \$4,500 (9-9-60).
- PFALLER, SHIRLEY B., Research Assistant in Chemistry, September 16, 1960-August 31, 1961, \$4,800 a year (10-4-60).
- PORTER, RICHARD N., Instructor in Physical Chemistry, one year from September 1, 1960, \$6,600 (10-6-60).
- PRICE, BARBARA P., Assistant in Home Economics (C), one year from September 1, 1960, \$4,800 (9-29-60).
- PRINCE, THOMAS R., Instructor in Accountancy, $\frac{1}{2}$ time, academic year beginning September 1, 1960, \$2,400, supersedes (10-4-60).
- RAFF, MRS. MURNA J., Research Assistant in the Digital Computer Laboratory, nine months from September 16, 1960, \$4,000 (9-8-60).
- RAO, P. V. SURYANARAYANA, Research Assistant in the Digital Computer Laboratory, nine months from September 16, 1960, \$4,000 (9-8-60).
- RAY, SYLVIAN R., Research Assistant in the Digital Computer Laboratory, nine months from September 16, 1960, \$5,670 (9-8-60).
- RICE, DONALD W., Instructor in Prosthodontics (Dentistry), $\frac{3}{4}$ time, one year from September 1, 1960, \$3,960 (9-19-60).
- RICKS, VICTOR E., Research Associate in Dental Education (Dentistry), 1/10 time, one year from September 1, 1960, \$900; this is in addition to his appointment as Associate Professor of Education (Chicago Undergraduate Division) (10-4-60).
- ROSENBERG, RONALD, Assistant Professor of Anesthesiology, Department of Surgery (Medicine), 95/100 time, one year from September 1, 1960, \$14,000 (9-14-60).
- SANDERS, WALLACE W., JR., Assistant Professor of Civil Engineering (C and S), academic year beginning September 1, 1960, \$6,400, supersedes (9-8-60).
- SCHAW, LOUIS C., Research Associate in Psychiatry (Medicine), one year from September 1, 1960, \$9,000 (9-14-60).
- SCHECK, DONALD E., Assistant Professor of General Engineering (C), academic year beginning September 1, 1960, \$6,300, supersedes (10-4-60).
- SCHWARZ, MARVIN, Assistant Professor of Psychiatry (Medicine), four months from September 1, 1960, \$1,083.33 a month (9-8-60).
- SCOTT, EDWARD J., Visiting Associate Professor of Biometry (Agronomy) (S), to render service during the first semester of the academic year, September 1, 1960-February 28, 1961, \$6,000; this is in addition to his present appointment (9-14-60).
- SHENOI, B. ANANTHA, Instructor in Electrical Engineering (C), $\frac{3}{4}$ time, academic year beginning September 1, 1960, \$3,000, supersedes (10-4-60).
- SHIOURA, NORIO, Research Associate in the Aeromedical Laboratory (Chicago Professional Colleges), one year from September 1, 1960, \$7,400 (9-17-60).
- SHUBERT, HARRY A., Research Assistant in Electrical Engineering (S), one year from September 1, 1960, \$5,100 (10-4-60).
- SMITH, GARMOND S., Assistant Professor of Animal Science (C and S), one year from September 1, 1960, \$8,200 (9-8-60).

- SOPHIANOPOULOS, A. J., Research Associate in Chemistry, one month from September 1, 1960, \$500 (10-10-60).
- SRINIVASAN, V. R., Research Associate in Microbiology, one year from September 1, 1960, \$7,000 (9-8-60).
- STEPHENSON, JANET E. J., Research Assistant in Chemistry, August 22, 1960-August 31, 1961, \$4,700 a year (9-12-60).
- STORCK, MRS. YVETTE, Assistant in French, September 16, 1960-January 31, 1961, \$422.22 a month, supersedes (10-4-60).
- SUSINA, STANLEY V., Acting Head of the Department of Pharmacy (Pharmacy), from September 1, 1960, and continuing until further notice, \$1,200 a year; this is in addition to his present appointment as Assistant Professor of Pharmacy; total salary, \$9,800 a year (10-4-60).
- SUSLICK, ALVIN, Clinical Instructor in Psychiatry (Medicine), one year from September 1, 1960, without salary (9-2-60).
- TAYLOR, CHARLES R., Instructor in Police Training Institute (Division of University Extension), eleven months from October 1, 1960, \$7,000 a year (9-14-60).
- TESTA, DANIEL P., Assistant in Spanish, academic year beginning September 1, 1960, \$5,400 (9-8-60).
- THOMPSON, RANDALL G., Head Resident, Single Graduate Halls, one year from September 1, 1960, \$2,400, with two weeks vacation; for the convenience of the University, he will also be furnished housing valued at \$900 (9-29-60).
- TORRIENTE, LUIS R., Research Assistant in Medicine (Medicine), one year from July 1, 1960, without salary (9-20-60).
- TSUJI, HIDEO, Research Assistant in Anesthesiology, Department of Surgery (Medicine), ten months from September 1, 1960, \$4,650 a year (9-20-60).
- TSUNETO, TOSHIHIKO, Research Assistant in Physics (C), six months from September 1, 1960, \$407.33 a month, supersedes (9-29-60).
- VAN BEAUMONT, SHEILA L., Assistant in Physical Education for Women on 9/10 time and in Education (University High School) on 1/10 time, nine months from September 16, 1960, \$5,400, supersedes (10-4-60).
- VANGOR, DONALD W., Pharmacy Resident in Hospital Pharmacy (Research and Educational Hospitals) (Pharmacy), $\frac{1}{2}$ time, one year from September 1, 1960, \$1,500; for the convenience of the University he will also receive room and board, supersedes (10-4-60).
- VAN PELT, JOHN D., Assistant in Psychology, Department of Psychiatry (Medicine), one year from September 1, 1960, without salary (9-20-60).
- VARANDANI, PARTAB T., Research Associate in the Radiocarbon Laboratory, one year from September 1, 1960, \$5,800 (9-13-60).
- WALKER, ROBERT D., Soil Conservation Specialist in Agricultural Extension, with rank of Instructor (E), ten months from November 1, 1960, \$9,000 a year (9-8-60).
- WANG, I-CHIH, Research Associate in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, academic year beginning September 1, 1960, \$2,500 (9-24-60).
- WHITE, CLARENCE E., Instructor in Agricultural Entomology Extension (E), July 1, 1960-August 31, 1961, \$6,450 a year, supersedes (10-4-60).
- WILSON, PAUL E., Research Associate in Theoretical and Applied Mechanics (C), academic year beginning September 1, 1960, \$5,600, supersedes (9-29-60).
- WOLOSHIN, ARTHUR A., Instructor in Psychiatry (Medicine), $\frac{1}{2}$ time, four months from September 1, 1960, \$458.33 a month (9-12-60).
- WYATT, MRS. MARIE G., Assistant in Education (University High School), nine months from September 16, 1960, \$5,000 (9-9-60).
- YUSEM, MILTON, Research Associate in Clinical Science (Medicine), 68/100 time, one year from September 1, 1960, \$4,080 (10-4-60).
- ZAMIS, LENORE H., Assistant in Nursing, September 12, 1960-August 31, 1961, \$5,500 a year (9-24-60).

GRADUATE FELLOWS

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

- ARANA, JOSE A., United States Public Health Service Postdoctoral Fellow (Special) in Medicine (Chicago Professional Colleges), one year from July 1, 1960, \$5,000 (8-9-60).

- BELLOWS, SYLVIA D., United States Health, Education, and Welfare Fellow (Trainee) in Vocational Rehabilitation in Education, September 16, 1960-January 31, 1961, \$900 (9-16-60).
- BOWERS, KENNETH S., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1960, \$2,000 (8-8-60).
- CLAYCAMP, HENRY J., JR., Fellow in Economics, nine months from September 16, 1960, \$4,456 (9-8-60).
- DAVIS, MILTON A., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$3,900, supersedes (9-16-60).
- FERRER, JOSE, Cancer Clinic Trainee (Tumor Clinic) at the Chicago Professional Colleges, one year from July 1, 1960, \$5,250 (9-23-60).
- FLEISCHMAN, IRA, United States Public Health Service Fellow (Trainee) in Dentistry (Chicago Professional Colleges), one year from September 1, 1960, \$4,500 (7-30-60).
- GILBERT, DEWEY, United States Public Health Service Student Fellow in Psychiatry (Chicago Professional Colleges), ten months from September 1, 1960, \$600 (8-30-60).
- HAGEMAN, R. H., Rockefeller Postdoctoral Fellow in Agronomy, one year from September 1, 1960, \$2,400; this stipend is in addition to benefits obtained under a sabbatical leave of absence (9-14-60).
- HAUGEN, TORE, Special Fellow in Law, nine months from September 16, 1960, \$1,500 (9-14-60).
- HEDVIG, THOMAS I., Engineering Faculty Development Teaching Fellow in Electrical Engineering, five months from September 1, 1960, \$833 (9-12-60).
- HEINS, CONRAD F., Teaching Fellow in Chemistry, nine months from September 16, 1960, \$1,366, supersedes (9-30-60).
- HIRSCH, MRS. MARIE-LOUISE, United States Public Health Service Postdoctoral Fellow in Microbiology, one year from September 16, 1960, \$8,000 (9-30-60).
- HOFFMANN, LORENZ M., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1960, \$1,800 (9-9-60).
- HUMPHREYS, DEVERL S., Paul V. Galvin Teaching Fellow in Electrical Engineering, nine months from September 16, 1960, \$2,000 (9-19-60).
- KAEERLE, MERLIN L., United States Public Health Service Fellow (Trainee) in Veterinary Medical Science, one year from June 16, 1960, \$1,900, supersedes (8-25-60).
- KLATTENHOFF, MARY L., United States Health, Education, and Welfare Fellow (Trainee) in Vocational Rehabilitation in Education, nine months from September 16, 1960, \$1,800 (9-16-60).
- LAFUSE, HARRY G., Standard Oil Foundation Fellow in Electrical Engineering, one year from September 1, 1960, \$3,600 (7-29-60).
- LEEDOM, JOHN M., United States Public Health Service Postdoctoral Research Fellow (Special) in Medicine (Chicago Professional Colleges), one year from July 1, 1960, without stipend (8-13-60).
- MCCLEMENT, EDWARD R., Union Carbide Corporation Fellow in Physics, nine months from September 16, 1960, \$2,100 (8-8-60).
- MEREDITH, MARY J., United States Health, Education, and Welfare Fellow (Trainee) in Vocational Rehabilitation in Education, September 16, 1960-January 31, 1961, \$900 (9-16-60).
- MILLER, HOWARD L., Fellow in Marketing, nine months from September 16, 1960, \$2,426 (9-8-60).
- MORDOCK, JOHN B., JR., United States Health, Education, and Welfare Fellow (Trainee) in Vocational Rehabilitation in Education, nine months from September 16, 1960, \$1,800 (9-16-60).
- NORRIS, DONALD, United States Public Health Service Student Fellow in Psychiatry (Chicago Professional Colleges), ten months from September 1, 1960, \$600 (8-30-60).
- PARIZEK, RICHARD R., National Science Foundation Cooperative Fellow in Geology, nine months from October 1, 1960, \$1,650, supersedes (9-20-60).
- PAUL, JAMES W., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1960, \$2,300 (9-9-60).

- ROBERTS, VELMA M., United States Health, Education, and Welfare Fellow (Trainee) in Vocational Rehabilitation in Education, nine months from September 16, 1960, \$1,800 (9-16-60).
- ROSS, DONALD A., Center for Handicapped Children Fellow (Trainee in Clinical Psychology), at the Chicago Professional Colleges, one year from September 1, 1960, \$3,200 (9-12-60).
- ROUTAMO, EERO R., Special Fellow in Law, nine months from September 16, 1960, \$1,500 (9-14-60).
- SCHAEFFLER, WILHELM F., United States Public Health Service Fellow (Trainee) in Veterinary Medical Science, September 12, 1960-June 30, 1961, \$3,775 (8-31-60).
- SPANO, BARTOLO J., United States Health, Education, and Welfare Fellow (Trainee) in Education, two months from June 16, 1960, \$450 (9-9-60); and nine months from September 16, 1960, \$1,800 (9-30-60).
- STEIN, HERBERT J., Television Shares Corporation Teaching Fellow in Electrical Engineering, September 16, 1960-January 31, 1961, \$1,000 (9-19-60).
- WATKINS, PHILIP W., W. L. Burlison Teaching Fellow in Agronomy, September 16, 1960-January 31, 1961, \$750; and February 1-June 15, 1961, \$1,000, supersedes (9-9-60).
- WOODFIN, BEULAH M., United States Public Health Service Fellow (Trainee) in Chemistry, nine months from September 16, 1960, \$2,100 (8-31-60).

RESIGNATIONS AND DECLINATIONS

- ATCHINSON, EDITH M., Resident Assistant, Allen Hall—declination effective September 1, 1960.
- BLANKFIELD, JUDITH, Research Associate in the Digital Computer Laboratory—declination effective September 1, 1960.
- BOLES, WILLIAM D., Fellow (Teaching Intern) in Electrical Engineering—resignation effective September 16, 1960.
- BOROWITZ, GENE, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges)—resignation effective October 1, 1960.
- CONNOR, RALPH G., Instructor in Sociology, Division of General Studies—declination effective September 1, 1960.
- FIERING, ALVIN, Producer in the Television Station, Department of Broadcasting, Television-Motion Pictures—resignation effective September 22, 1960.
- FLEMINGS, ARTHUR W., Instructor in Verbal Communication, Division of General Studies—resignation effective September 1, 1960.
- GALINSKY, ALVIN M., Instructor in Chemistry (Pharmacy)—resignation effective September 1, 1960.
- GARWIN, EDWARD L., Research Assistant Professor of Physics—resignation effective September 28, 1960.
- GLOCKNER, MARY Z., Editor in the Small Homes Council-Building Research Council, with rank of Assistant Professor—resignation effective October 26, 1960.
- GOODMAN, ALAN B., Research Assistant in the Institution for Tuberculosis Research—resignation effective September 16, 1960.
- GUYON, ETIENNE, Research Associate in Physics—declination effective September 1, 1960.
- HILL, ROBERT E., Assistant Professor of Finance—resignation effective September 1, 1960.
- HOOVER, CHARLES R., Research Associate in Dairy Science—resignation effective October 1, 1960.
- JOHNSON, MRS. HELEN, Assistant in Home Economics—resignation effective October 1, 1960.
- JONES, MARGARET F., Research Assistant in Medicine (Medicine)—resignation effective October 1, 1960.
- KORMENDY, CHARLES G., Research Assistant in Chemistry (Pharmacy)—resignation effective September 1, 1960.
- LIBERTA, ANTHONY E., Teaching Fellow in Botany—resignation effective September 16, 1960.
- LU, MISS WEI-JUNE, Fellow in Horticulture—resignation effective September 16, 1960.
- PASCHKES, ERICH, Clinical Assistant Professor of Psychiatry (Medicine)—resignation effective September 1, 1960.

- PULOS, PETER, Clinical Instructor in Medicine (Medicine) — declination effective September 1, 1960.
SCHUG, JOHN C., Research Assistant in Chemistry — resignation effective September 1, 1960.
SHAH, SHANTILAL N., Research Assistant in Animal Science — resignation effective November 1, 1960.
SHERRATT, JANE C., Assistant in Nursing — resignation effective September 1, 1960.
SWING, JACK H., Assistant Professor of Architecture — resignation effective September 1, 1960.
WRIGHT, WILLIAM V., United States Public Health Service Fellow (Trainee) in Food Technology — resignation effective September 1, 1960.

LEAVES OF ABSENCE

- COLE, DAVID H., Associate Professor of Mechanical Engineering, in the College of Engineering — leave of absence, without pay, for one year from September 1, 1960, so that he may do work toward a Ph.D. degree at the Georgia Institute of Technology, Atlanta, Georgia.
GOTSHALK, D. W., Professor of Philosophy and Chairman of the Department — leave of absence, with pay, for the first semester of the academic year 1960-61, on account of illness.
KOHLS, CARL W., Assistant Professor of Mathematics — extension of leave of absence, without pay, from September 1, 1960, through August 31, 1961.
MCNALLY, RANDALL E., Clinical Instructor in Surgery, in the College of Medicine — leave of absence for military service for one year from September 1, 1960.
MILLBROOK, MAY I., Staff Physician in the Health Center and Associate Professor of Hygiene — leave of absence, without pay, from August 1 through 14, 1960.
SHERWIN, C. W., Professor of Physics and Associate Director of the Coordinated Science Laboratory — leave of absence, without pay, for one year from September 1, 1960, so that he may undertake a special assignment on governmental work with Aerospace Corporation, Los Angeles, California.
WESTMEYER, PAUL, Assistant Professor of Education — leave of absence, without pay, from September 1, 1960, through August 31, 1961, so that he may serve on the Chemical Bond Approach Project, sponsored by the National Science Foundation.

CANCELLATION OF SABBATICAL LEAVE OF ABSENCE

- HYDE, VICTOR A., Professor of Community Planning — sabbatical leave of absence for the first semester of 1960-61 cancelled, without prejudice.

On motion of Mrs. Watkins, the Board adjourned.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President