

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

October 27, 1954



The October meeting of the Board of Trustees of the University of Illinois was held in the Illini Union Building, Urbana-Champaign, Illinois, on Wednesday, October 27, 1954, beginning at 10:30 a.m.

The following members were present: Mr. Cushman B. Bissell, Mr. Harold E. Grange, Mr. Wirt Herrick, Mr. Robert Z. Hickman, Mrs. Doris S. Holt, Mr. Park Livingston, Mr. Herbert B. Megran, and Mrs. Frances B. Watkins. Mr. Wayne A. Johnston, Mr. Vernon L. Nickell, and Governor William G. Stratton were absent.

Also present were President Lloyd Morey, Provost Henning Larsen, and Messrs. H. O. Farber, Comptroller, and A. J. Janata, Secretary of the Board.

EXECUTIVE SESSION

The Board convened as a Committee of the Whole for consideration of recommendations from the President of the University relating to the biennial budget and building program for 1955-57. The Board also received a report from a special committee of its members appointed to study the budget and building program in detail in consultation with the President and other University administrators. Official action was deferred until the open meeting of the Board held later in the day.

OPEN SESSION

At 2:00 p.m., the Board convened in open session. The same members of the Board, officers of the University, and officers of the Board were present as recorded at the beginning of these minutes. Mr. J. F. Wright, Director of Public Relations, was also present.

SELECTION OF A PRESIDENT OF THE UNIVERSITY

President Megran reviewed briefly the work which has been done on the selection of a new President of the University, and particularly what has taken place since his report to the Board at the September meeting. He asked that no action be taken at today's meeting because (a) the Board needs to devote a great deal of time to the biennial operating budget and building program for the biennium of 1955-57, which is one of the most important budgets ever to come before the Board, and (b) he desires unanimity and full participation on the part of all members of the Board which is not feasible today since three of the Board of Trustees are not present. He stated that he would call a meeting of the Board within thirty days for this purpose.

On motion of Mrs. Holt, the Board voted to postpone consideration of this matter, and the President of the Board was authorized to call a meeting within thirty days, giving five days' notice thereof, for the specific purpose of consideration of the selection of the new President of the University.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board considered the following reports and recommendations from the President of the University.

SALE OF UNIVERSITY HOUSES

(1) Pursuant to the plan authorized by the Board of Trustees for the sale of University-owned residence properties in Urbana-Champaign which are outside the area of future campus expansion, the Director of the Physical Plant and the Comptroller recommend the sale of the following residence properties owned by the University:

<i>Street Address</i>			
<i>All are on</i>			
<i>Hessel Boulevard,</i>			
<i>Champaign, Illinois</i>			
	<i>Purchaser</i>	<i>Sale Price</i>	<i>University Investment</i>
207	Fred and Judith Fiedler	\$ 9 195	\$10 244
202	Royall and Mary Brandis	9 445	10 235
203	Andrew and Anne Swago	9 195	10 244
311	Edward and Phyllis Mast	10 800	13 789
411	Isidore and Phyllis Hodes	11 200	13 461
403	John and Norma Jane Templin	12 000	14 843
		(\$61 835)	(\$72 816)

The first three listed are National Homes units and the last three were constructed by the Small Homes Council with some outside grants of funds as research and demonstration projects.

The sale price in each case is based upon an independent appraisal by a real estate expert. The prospective purchasers are staff members presently leasing these houses from the University.

Of the thirty-one houses which were constructed on Hessel Boulevard, eight houses have been sold to date. In these sales, the University investment in the properties exceeded the sale price by \$3,794. Including the above proposed sales, the excess of investment over selling price will be \$14,775. During the time the University has owned and rented these properties, however, a net income of \$54,000 has been realized, the major portion of which was applied to the payment of principal on the funds borrowed to finance this project.

I recommend that the Board authorize the sale of these properties and the adoption of the following resolutions:

Resolution

WHEREAS, Fred E. Fiedler and Judith M. Fiedler, his wife, of Champaign, Illinois, hereinafter termed "Purchasers," have offered to purchase the hereinafter described property known as 207 Hessel Boulevard, Champaign, Illinois, upon the terms and conditions hereinafter set forth;

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

- (A) At a sale price of \$9,195.00, with customary adjustments to be made therein for taxes, insurance, and abstracting costs;
- (B) This Corporation to furnish Purchasers a merchantable abstract of title and pay for the required Federal Revenue stamps;
- (C) Purchase price to be paid in full at the time of delivery of the deed and not later than six months after the date the contract is executed;
- (D) In the event said property should not qualify upon government appraisal for a Government Insured (G.I.) loan and written notice thereof is given to this Corporation by Purchasers promptly and within six (6) months from the date the contract is executed, the contract shall become ineffective, null and void;
- (E) The Title to be conveyed to be subject to special assessments, building restrictions and easements of record;
- (F) Such other terms and conditions as said Comptroller and Secretary may deem necessary or desirable.

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

Lot 45 in Lewis S. Colbert's Replat of lots 119, 120, 121 and part of Lots 115 and 118, in Highland Place Addition to the City of Champaign, situated in the City of Champaign, in the County of Champaign, in the State of Illinois.

Resolution

WHEREAS, Royall Brandis and Mary A. Brandis, his wife, of Champaign, Illinois, hereinafter termed "Purchasers," have offered to purchase the hereinafter described property known as 202 Hessel Boulevard, Champaign, Illinois, upon the terms and conditions hereinafter set forth;

Now, Therefore, Be It Resolved by the Board of Trustees of the University of Illinois, a public corporation of the state of Illinois, that the Comptroller and Secretary of this Corporation be, and they hereby are, authorized and directed, in

the name, and in behalf of, this Corporation to enter into an agreement with said Purchasers providing for the sale and conveyance to them of the hereinafter described property upon the following terms and conditions:

- (A) At a sale price of \$9,445.00 with customary adjustments to be made therein for taxes, insurance, and abstracting costs;
- (B) This Corporation to furnish Purchasers a merchantable abstract of title and pay for the required Federal Revenue stamps;
- (C) Purchase price to be paid in full at the time of delivery of the deed and not later than six months after the date the contract is executed;
- (D) In the event the Purchasers are unable to obtain a loan and written notice thereof is given to this Corporation by Purchasers within six (6) months from the date the contract is executed, the contract shall become ineffective, null and void;
- (E) The Title to be conveyed to be subject to special assessments, building restrictions and easements of record;
- (F) Such other terms and conditions as said Comptroller and Secretary may deem necessary or desirable.

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

Lot 23 in Lewis S. Colbert's Replat of lots 119, 120, 121 and part of Lots 115 and 118, in Highland Place Addition to the City of Champaign, situated in the City of Champaign, in the County of Champaign, in the State of Illinois.

Resolution

WHEREAS, Andrew William Swago and Anne Marie Swago, his wife, of Champaign, Illinois, hereinafter termed "Purchasers," have offered to purchase the hereinafter described property known as 203 Hessel Boulevard, Champaign, Illinois, upon the terms and conditions hereinafter set forth;

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

- (A) At a sale price of \$9,195.00 with customary adjustments to be made therein for taxes, insurance, and abstracting costs;
- (B) This Corporation to furnish Purchasers a merchantable abstract of title and pay for the required Federal Revenue stamps;
- (C) Purchase price to be paid in full at the time of delivery of the deed and not later than six months after the date the contract is executed;
- (D) In the event the Purchasers are unable to obtain a loan and written notice thereof is given to this Corporation by Purchasers within six (6) months from the date the contract is executed, the contract shall become ineffective, null and void;
- (E) The Title to be conveyed to be subject to special assessments, building restrictions and easements of record;
- (F) Such other terms and conditions as said Comptroller and Secretary may deem necessary or desirable.

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

Lot 47 in Lewis S. Colbert's Replat of lots 119, 120, 121 and part of Lots 115 and 118, in Highland Place Addition to the City of Champaign, situated in the City of Champaign, in the County of Champaign, in the State of Illinois.

Resolution

WHEREAS, Plessa Edward Mast and Phyllis Mast, his wife, of Champaign, Illinois, hereinafter termed "Purchasers," have offered to purchase the hereinafter described property known as 311 Hessel Boulevard, Champaign, Illinois, upon the terms and conditions hereinafter set forth;

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

- (A) At a sale price of \$10,800.00 with customary adjustments to be made therein for taxes, insurance, and abstracting costs;
- (B) This Corporation to furnish Purchasers a merchantable abstract of title and pay for the required Federal Revenue stamps;
- (C) Purchase price to be paid in full at the time of delivery of the deed and not later than six months after the date the contract is executed;
- (D) In the event the Purchasers are unable to obtain a loan and written notice thereof is given to this Corporation by Purchasers within six (6) months from the date the contract is executed, the contract shall become ineffective, null and void;
- (E) The Title to be conveyed to be subject to special assessments, building restrictions and easements of record;
- (F) Such other terms and conditions as said Comptroller and Secretary may deem necessary or desirable.

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

Lot 35 in Lewis S. Colbert's Replat of lots 119, 120, 121 and part of Lots 115 and 118, in Highland Place Addition to the City of Champaign, situated in the City of Champaign, in the County of Champaign, in the State of Illinois.

Resolution

WHEREAS, Isidore Hodes and Phyllis Hodes, his wife, of Champaign, Illinois, hereinafter termed "Purchasers," have offered to purchase the hereinafter described property known as 411 Hessel Boulevard, Champaign, Illinois, upon the terms and conditions hereinafter set forth;

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

- (A) At a sale price of \$11,200.00 with customary adjustments to be made therein for taxes, insurance, and abstracting costs;
- (B) This Corporation to furnish Purchasers a merchantable abstract of title and pay for the required Federal Revenue stamps;
- (C) Purchase price to be paid in full at the time of delivery of the deed and not later than six months after the date the contract is executed;
- (D) In the event the Purchasers are unable to obtain a loan and written notice thereof is given to this Corporation by Purchasers within six (6) months from the date the contract is executed, the contract shall become ineffective, null and void;

- (E) The Title to be conveyed to be subject to special assessments, building restrictions and easements of record;
- (F) Such other terms and conditions as said Comptroller and Secretary may deem necessary or desirable.

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

Lot 29 in Lewis S. Colbert's Replat of lots 119, 120, 121 and part of Lots 115 and 118, in Highland Place Addition to the City of Champaign, situated in the City of Champaign, in the County of Champaign, in the State of Illinois.

Resolution

WHEREAS, John Jerome Templin and Norma Jane Templin, his wife, of Champaign, Illinois, hereinafter termed "Purchasers," have offered to purchase the hereinafter described property known as 403 Hessel Boulevard, Champaign, Illinois, upon the terms and conditions hereinafter set forth;

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

- (A) At a sale price of \$12,000.00 with customary adjustments to be made therein for taxes, insurance, and abstracting costs;
- (B) This Corporation to furnish Purchasers a merchantable abstract of title and pay for the required Federal Revenue stamps;
- (C) Purchase price to be paid in full at the time of delivery of the deed and not later than six months after the date the contract is executed;
- (D) In the event the Purchasers are unable to obtain a loan and written notice thereof is given to this Corporation by Purchasers within six (6) months from the date the contract is executed, the contract shall become ineffective, null and void;
- (E) The Title to be conveyed to be subject to special assessments, building restrictions and easements of record;
- (F) Such other terms and conditions as said Comptroller and Secretary may deem necessary or desirable.

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

Lot 33 in Lewis S. Colbert's Replat of lots 119, 120, 121 and part of Lots 115 and 118, in Highland Place Addition to the City of Champaign, situated in the City of Champaign, in the County of Champaign, in the State of Illinois.

On motion of Mr. Bissell, the sale of these properties, for the prices recommended, was authorized, and each of the six foregoing resolutions was adopted by the following vote: Aye, Mr. Bissell, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. Megran, Mrs. Watkins; no, none; absent, Mr. Johnston, Mr. Nickell, Mr. Stratton.

PURCHASE OF PROPERTY AT 1201 WEST NEVADA STREET, URBANA

- (2) The property at 1201 West Nevada Street, Urbana, which is within the area of the University's long-range land acquisition program, has recently become

available for purchase. It is at the southwest corner of Nevada Street and Goodwin Avenue, immediately west of the Residence Halls on Nevada Street and adjoins the site of the new Home Economics Building. The lot is 72 feet wide, 147 $\frac{3}{4}$ feet deep, and is improved with a three-story brick and stucco residence which is in a very good state of repair.

The property is offered the University at a price of \$50,000, which represents a cost of \$4.71 per square foot of land. The house has 4,538 square feet (gross) of floor area. At the selling price this would be a cost of approximately \$11.00 per square foot of floor area, which is half the cost of constructing an equivalent amount of new space. The house is needed by the Department of Home Economics for conversion into practice apartments for students and will be satisfactory for long-term use for this purpose.

The Director of the Physical Plant and the Comptroller recommend the purchase of this property at the price indicated. It will not be available to the University until next spring and, therefore, if purchased by the University the contract will include the usual provision for pro rata division between the University and the owner of payments of taxes, insurance premiums, and other costs.

I recommend the purchase of property and that an appropriation of \$50,000 be made from the General Reserve Fund. I also request that the Comptroller and the Secretary of the Board be authorized to execute the necessary documents for the acquisition of the property.

On motion of Mr. Grange, the purchase of this property and the execution of the necessary documents were authorized, and an appropriation of \$50,000 was made from the General Reserve Fund for this purchase by the following vote: Aye, Mr. Bissell, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. Megran, Mrs. Watkins; no, none; absent, Mr. Johnston, Mr. Nickell, Mr. Stratton.

PATENTABLE DISCOVERIES

(3) The University Patent Committee submits the following recommendations relating to potentially patentable discoveries:

1. An acoustic probe—William J. Fry, Research Associate in Electrical Engineering, and his wife, Ruth B. Fry, inventors. This invention was reported to the Board of Trustees on June 19, 1952, and was turned over to the University of Illinois Foundation for development, with the proviso that if the Foundation did not find it commercially feasible to pursue a patent application all rights would be released to the United States Air Force since the acoustic probe was developed in research under a contract with the Air Force. Foundation officials have concluded that the invention does not have commercial possibilities, and the inventors have requested that it be released to them. The Air Force has agreed to such release provided that the United States government is given full patent protection, namely, a royalty-free, nonexclusive license for the use of any patents allowed. The inventors have agreed to this condition.

The Patent Committee now recommends that the invention be released to the inventors under the condition stipulated by the Air Force.

2. Non-sticking rings for close-fitting plugs—Lawrence E. Doyle, Associate Professor of Mechanical Engineering, inventor. This invention may have widespread usage as the device will make it easier and quicker to insert a straight plug or rod into a close-fitting hole. The invention is of such a nature that it may be applied to tools constructed in various locations and usually as part of a larger machine or tool, with identification very difficult. If a patent could be secured, it would be very difficult, if not impossible, to administer and enforce and, therefore, commercial possibilities are remote. In other words, the development can be easily and widely copied and used, with little chance of enforcing any property rights that might be vested as a result of a patent issuance.

For these reasons, the inventor plans to dedicate his invention to the public by publication, and the head of the Department of Mechanical Engineering and the Patent Committee recommend that the invention be released to the inventor.

3. Patentable discoveries arising from research in the health sciences sponsored by nonprofit organizations. On June 22, 1950, the Board of Trustees authorized the waiver of the University's patent policy with respect to grants received from the American Cancer Society. Generally, nonprofit organizations

in the health sciences require as a condition to making grants for research that patentable inventions or developments be administered solely in the public interest. Some organizations require assignment of such discoveries to them; others stipulate that they be allowed to approve the disposition of the developments; and a third group merely requires that discoveries be dedicated to the public through publication. This is not entirely in accord with University policy, which provides that the University shall control these developments for the benefit of the public and the University, and considerable difficulty is experienced in negotiations for grants from such organizations in support of research.

Accordingly, the Patent Committee recommends that the waiver of University patent policy given to the American Cancer Society in 1950, whereby the patent policy of the granting organization shall apply, rather than customary University patent policy, be extended to the following organizations in those cases where such waiver is required by them and the policy of the organization requires dedication of the invention or development to the public:

- American Foundation for Tropical Medicine
- American Heart Association
- Arthritis and Rheumatism Foundation
- Asthmatic Children's Aid
- Canadian Cancer Society
- Chicago Heart Association
- Damon Runyan Cancer Fund
- Leukemia Research Association
- Life Insurance Medical Research Fund
- Muscular Dystrophy Association
- National Foundation for Infantile Paralysis
- National Foundation for Prevention of Blindness
- National Multiple Sclerosis Society
- National Tuberculosis Association
- National Vitamin Foundation
- United Cerebral Palsy Association

I concur in these recommendations.

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

BIENNIAL OPERATING BUDGET 1955-57

(4) The state law requires that the University file with the Department of Finance, on or before November 1, of each even-numbered year, a budget of requests for appropriations for the biennium beginning the following July 1.

I submit herewith the following recommendations: (1) proposed operating budget of salaries, expense, and equipment, and (2) proposed budget of capital additions.

The operating budget is the result of an intensive review by a special budget committee headed by the Provost. The capital budget is based upon the recommendations of the Building Program Committee and the Committee on Future Development of the Chicago Undergraduate Division. The budgets have also been reviewed broadly with the University Council. In each instance substantial reductions have been made in the requests from the various departments and colleges, and the resulting proposals include the sums which in the judgment of the University administration represent the amounts needed to carry on and develop the activities of the University in an adequate and comprehensive manner during the coming biennium.

By direction of the Board these budgets were submitted in advance to a special committee of the Board and were intensively reviewed by it. The recommendations of this committee are submitted with this report.

I concur in the recommendations and request that the budgets be approved as a basis for filing with the Department of Finance and further discussion with the state administration and the Budgetary Commission.

Report of the Special Committee on the 1955-57 Biennial Budget

The Committee appointed to review the biennial budget of the University for 1955-57 met in the Illini Center, Chicago, on October 18, 1954. All members of the Committee were present; the President of the University, the Provost, the Comptroller, and the Assistant to the Comptroller were also present.

The President submitted and analyzed the requests of the University. The Committee, after detailed study and questioning, agreed in principle on increases to fill the following needs:

I. Operating Budget

1. To maintain present level of operation.
2. To activate new areas.
3. To provide for salary increases for both the academic and nonacademic staff.
4. To provide for additional enrollment.
5. To meet increased costs of operations for present programs.
6. To strengthen and develop the educational program.

The Committee recognized that University officers and the Budget Committee had made a thorough study of all requests and had screened them carefully to include only significant items. After full discussion, it was agreed that the total budgetary request—\$91,730,000—could be justified for presentation to the General Assembly.

The Committee also considered an increase in student fees to offset in part the increased cost of operation. Fees now charged at the University of Illinois are below the average charged at comparable institutions. In view of the increased cost indicated by the proposed budget, the Committee recommends an increase in fees of \$15.00 a semester for all students—both resident and nonresident. Such an increase would put the University of Illinois in the upper half of Big Ten institutions but not at the top.

II. Capital Budget

The Committee reviewed the capital askings proposed by the University Building Program Committee. To these was added an item of \$6,750,000 for a permanent site for the Chicago Undergraduate Division and for making studies for its development. Total capital askings of \$37,185,000 are recommended for presentation to the Budgetary Commission.

III. Summary

Detailed statements of the proposed operating and capital budgets and comparisons with present budgets are attached.

In making recommendations, the Committee believes it is the responsibility of the Board of Trustees to submit to the General Assembly a comprehensive statement of what in its best judgment is needed to operate and maintain the University, to meet its changing requirements, and to provide for its development.

Accordingly, the Committee recommends:

1. That a proposed operating budget of \$91,730,000 (of which \$81,900,000 would be from General Revenue Funds) and a proposed capital budget of \$37,185,000 be approved for filing with the Department of Finance;
2. That the President of the Board of Trustees and the President of the University be authorized to present these needs to the state administration and the Illinois Budgetary Commission.

Special Committee on the 1955-57 Biennial Budget

WIRT HERRICK

WAYNE A. JOHNSTON

HERBERT B. MEGRAN

MRS. FRANCES B. WATKINS

PARK LIVINGSTON, *Chairman*

The President of the University also read a supplementary statement concerning the budget for 1955-57. A copy of this statement and the complete text of his discussion of all proposed increases which he presented in support of his recommendations have been filed with the Secretary of the Board for record.

Following extended discussion, on motion of Mr. Livingston the following budget for operations and building program for 1955-57 was approved, and the President of the Board and the President of the University were authorized to present these estimates to the Governor, the Illinois Budgetary Commission, and other state officials as representing the needs of the University for funds for operation and for buildings and other permanent improvements for the biennium of

1955-57. The motion was adopted by the following vote: Aye, Mr. Bissell, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. Megran, Mrs. Watkins; no, none; absent, Mr. Johnston, Mr. Nickell, Mr. Stratton.

THE UNIVERSITY OF ILLINOIS 1954-55 BUDGET FROM STATE APPROPRIATIONS

<i>Urbana-Champaign</i>	<i>Instruction and Research</i>	<i>Specific Research</i>	<i>Specific Extension</i>	<i>Total</i>
Liberal Arts and Sciences.....	\$ 3 940 520	.....	.....	\$ 3 940 520
Agriculture.....	959 570	\$1 809 625	\$ 791 136	3 560 331
Engineering.....	1 948 766	603 381	.....	2 552 147
Graduate.....	50 000	393 991	.....	443 991
Commerce.....	744 858	70 470	54 400	869 728
Education.....	769 023	135 590	29 150	933 763
Fine and Applied Arts.....	978 499	.....	25 530	1 004 029
Physical Education.....	397 159	.....	.....	397 159
Veterinary Medicine.....	283 416	.....	.....	283 416
Law.....	215 180	.....	.....	215 180
Library School.....	77 900	.....	.....	77 900
Journalism and Communica- tions.....	138 554	.....	220 799	359 353
Social Work.....	95 000	.....	.....	95 000
Special Services for War Veterans.....	27 700	.....	.....	27 700
University Extension.....	24 680	.....	299 330	324 010
Summer Session.....	500 575	.....	.....	500 575
Armed Forces.....	44 876	.....	.....	44 876
Aviation.....	262 250	.....	.....	262 250
Government and Public Affairs Labor and Industrial Relations	.....	45 480	.....	45 480
Small Homes Council.....	.....	173 864	.....	173 864
University Press.....	.....	49 870	.....	49 870
	.....	.....	71 675	71 675
<i>Total Urbana-Champaign</i> (11 458 526) (3 282 271) (1 492 020) (16 232 817)				
<i>Chicago Professional</i>				
Medicine.....	2 265 162	.....	.....	2 265 162
Dentistry.....	570 805	.....	.....	570 805
Pharmacy.....	266 050	.....	.....	266 050
Nursing.....	92 013	.....	.....	92 013
Graduate.....	6 040	20 000	.....	26 040
Physical Education.....	12 450	.....	.....	12 450
Research and Educational Hospitals.....	3 989 405	.....	.....	3 989 405
Aeromedical and Physical Environment Laboratory..	.....	67 232	.....	67 232
<i>Total Chicago Profes- sional</i> (7 201 925) (87 232) (.....) (7 289 157)				
<i>Chicago Undergraduate</i>	1 461 113	.....	.....	1 461 113
	\$20 121 564	\$3 369 503	\$1 492 020	\$24 983 087
<i>All Campuses</i>				
Administration and General.....	.....	.....	.....	2 819 633
Security Benefits.....	.....	.....	.....	1 228 067
Libraries.....	.....	.....	.....	1 379 303
Physical Plant.....	.....	.....	.....	5 661 539
Student Aid.....	.....	.....	.....	167 100
Non-cash income fund items.....	.....	.....	.....	250 000
<i>Total 1954-55 Budget from State Appropriation Funds</i>				\$36 488 729
Times 2.....				× 2
<i>Biennial Total of State Appropriations</i>				\$72 977 458

THE UNIVERSITY OF ILLINOIS BIENNIAL BUDGET FOR OPERATIONS 1955-57
SUMMARY OF APPROPRIATIONS REQUIRED

	General Revenue (Tax) Fund	University Income Fund	Total for Biennium
Appropriations for 1953-55 (excluding Services for Crippled Children, Institution for Tuberculosis Research, and \$200,000 from Agricultural Premium Fund).....	\$64 726 649	\$14 500 000	\$79 226 649
Deduct auxiliary enterprises.....	.....	-6 249 191	-6 249 191
<i>Educational and General Appropriations for 1953-55</i>	(64 726 649)	(8 250 809)	(72 977 458)
Increases proposed for 1955-57:			
I. Requirements to maintain present level of operations.....	I 462 750	.....	I 462 750
II. Requirements to activate new areas.....	I 188 200	.....	I 188 200
III. Salary increases.....	10 800 000	.....	10 800 000
IV. For additional enrollment.....	467 401	I 579 191	2 046 592
V. For increased costs of operations for present programs.....	255 000	.....	255 000
VI. To strengthen and develop educational program.....	3 000 000	.....	3 000 000
<i>Total Proposed Increases</i>	<u>17 173 351</u>	<u>1 579 191</u>	<u>18 752 542</u>
<i>Total Proposed Budget</i>	<u>\$81 900 000</u>	<u>\$9 830 000</u>	<u>\$91 730 000</u>

THE UNIVERSITY OF ILLINOIS BUILDING PROGRAM FOR THE BIENNIUM 1955-57

Urbana-Champaign Campus

<i>Project</i>	<i>Appropriation</i>
Biology Building, First Unit.....	\$ 5 585 000
Architecture Building Addition, First Stage.....	2 230 000
Women's Residence Hall.....	1 880 000
Band Building.....	870 000
Men's Residence Hall.....	1 020 000
Metallurgy Laboratory Addition.....	175 000
Altgeld Hall	
Remodeling.....	390 000
Addition.....	390 000
Total.....	(780 000)
Davenport Hall Remodeling.....	305 000
Library Addition.....	685 000
Physics Laboratory Addition, First Stage.....	500 000
Building Studies.....	125 000
Minor Agricultural Structures.....	300 000
City Improvements.....	160 000
Green Street Widening.....	105 000
Power Plant Addition for Total Program.....	1 765 000
<i>Total for Urbana-Champaign</i>	(16 485 000)

Chicago Professional Campus

Completion of East Dentistry-Medicine-Pharmacy Building	
Southeast One Story and Basement Unit.....	(1 065 000)
Stem of T Unit.....	(3 385 000)
Completion of both if constructed simultaneously.....	4 250 000
Laundry Building.....	650 000
Remodeling Old Hospital and Dentistry-Medicine-Pharmacy Building (including \$300,000 for equipment).....	3 750 000
Physical Plant Service Building.....	900 000
Library Expansion (including \$85,000 for equipment).....	1 750 000
Animal Hospital.....	1 750 000
Drug and Horticultural Experiment Station, Field Laboratory Building.....	900 000
<i>Total for Chicago Professional Campus</i>	(13 950 000)

Chicago Undergraduate Division

Acquisition of Permanent Site and Engineering Studies of Development.....	6 750 000
<i>Grand Total</i>	<i>\$37 185 000</i>

TUITION FEES

Mr. Livingston, referring to one of the recommendations in the report of the special Board committee on the 1955-57 biennial budget, moved that student tuition fees be increased \$15.00 per semester in all departments of the University effective September 1, 1955.

This motion was adopted by the following vote: Aye, Mr. Bissell, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. Megran, Mrs. Watkins; no, none; absent, Mr. Johnston, Mr. Nickell, Mr. Stratton.

**DIVISION OF SERVICES FOR CRIPPLED CHILDREN
BIENNIAL OPERATING BUDGET FOR 1955-57**

(5) The Director of the Division of Services for Crippled Children recommends a budget for the biennium 1955-57 which is \$103,200 more than the appropriations received for the biennium 1953-55.

In summary, a comparison of the proposed budget with the appropriations for 1953-55 is as follows:

	<i>Appropriations 1953-55</i>	<i>Proposed 1955-57</i>	<i>Proposed Increase</i>
From Tax Funds.....	\$3 000 000	\$3 000 000	.....
From Income of Division.....	.....	125 000	\$125 000
<i>Subtotal</i>	<i>(\$3 000 000)</i>	<i>(\$3 125 000)</i>	<i>(\$125 000)</i>
From Federal Funds.....	780 200	758 400	-21 800
<i>Total</i>	<i>\$3 780 200</i>	<i>\$3 883 400</i>	<i>\$103 200</i>

The funds available for appropriation from the income of the Division are receipts of the Division for the period prior to July 1, 1953, received mainly from local organizations as reimbursement for expenditures made by the Division. The Sixty-eighth General Assembly enacted legislation which enables the University to hold in its treasury such receipts, but receipts prior to July 1, 1953, were deposited in the University Income Fund and are held subject to appropriation to the Division by the Sixty-ninth General Assembly.

No increase is requested in appropriations from tax funds, but the additional funds described above will enable the Division to follow the same salary increase policy as that recommended for the University.

I recommend that the proposal be approved for filing with the Department of Finance and that the Director of the Division be authorized to present this request to the Budgetary Commission.

On motion of Mr. Grange, this budget was adopted and authority was given as requested by the following vote: Aye, Mr. Bissell, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. Megran, Mrs. Watkins; no, none; absent, Mr. Johnston, Mr. Nickell, Mr. Stratton.

**INSTITUTION FOR TUBERCULOSIS RESEARCH
BIENNIAL OPERATING BUDGET FOR 1955-57**

(6) The Institution for Tuberculosis Research was created by the General Assembly for the "production, distribution and application of the bacillus Calmett-Guerin (BCG) and other methods and materials for the prevention of tuberculosis and for conducting research in tuberculosis." The responsibility for the professional operation and all other management and control of the Institution is vested in the University.

The Director of the Institution and the Administrative Committee for the Chicago Professional Colleges recommend a budget for 1955-57 amounting to \$56,126 for each year, or \$112,252 for the biennium. This represents an increase of \$22,342 for the biennium over the present appropriation.

The increase is requested for the following purposes:

Salary increases in accordance with the policy adopted by the University...	\$15 542
Employer contributions to the Retirement System.....	1 800
To reimburse the University for costs incurred on behalf of the Institution	5 000
Biennial Increase Proposed.....	\$22 342

I recommend that this budget be approved for filing with the Department of Finance and presentation to the Illinois Budgetary Commission.

On motion of Mr. Herrick, this budget was approved by the following vote: Aye, Mr. Bissell, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. Megrn, Mrs. Watkins; no, none; absent, Mr. Johnston, Mr. Nickell, Mr. Stratton.

APPOINTMENTS TO THE FACULTY

(7) 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. RICHARD EDWARD BROWN, Assistant Professor of Dairy Production, in the Department of Dairy Science (C and S), beginning September 15, 1954, at an annual salary of \$6,000 (GY, 10 months).
2. PAUL M. DAUTEN, JR., Professor of Management, beginning September 1, 1954, at an annual salary of \$8,000 (D).
3. EDMUND W. J. DE MAAR, Lecturer with rank of Assistant Professor, in the Department of Pharmacology, in the College of Medicine, beginning September 1, 1954, without salary (DY).
4. ALFRED FLARSHEIM, Clinical Assistant Professor of Psychiatry, beginning September 1, 1954, without salary (DY).
5. DAVID A. HAMBURG, Clinical Assistant Professor of Psychiatry, beginning October 1, 1954, without salary (DY).
6. WILLIAM H. MURRAY, Clinical Assistant Professor of Psychiatry, beginning October 1, 1954, without salary (DY).
7. FRANK E. TROBAUGH, Assistant Professor of Medicine (Rush), beginning October 1, 1954, without salary (DY).
8. FREDERICK D. WRIGHT, Associate Professor of Mining Engineering, in the Department of Mining and Metallurgical Engineering, beginning October 1, 1954, at an annual salary of \$7,000 (A).

On motion of Mrs. Holt, these appointments were confirmed.

INSTITUTE OF LABOR AND INDUSTRIAL RELATIONS ADVISORY COMMITTEE

(8) The Director of the Institute of Labor and Industrial Relations recommends the following appointments to the Institute's Advisory Committee for a term of three years beginning as of September 1, 1954:

CLYDE THOMPSON, State Legislative Representative of the Brotherhood of Railroad Trainmen, 176 West Adams Street, Chicago 3, Illinois.

Mr. Thompson's appointment is recommended as replacement for Mr. Clinton Bush, State Legislative Chairman, Brotherhood of Locomotive Firemen and Enginemen, Chicago, as one of the representatives of labor.

L. J. SCHMIDT, Director of Industrial Relations, Greenlee Bros. and Company, Rockford, Illinois.

Mr. Schmidt's appointment is recommended as replacement for Mr. G. W. Hoelscher, General Manager, East Side Manufacturers Association, Granite City, Illinois, as a representative of management.

JOHN DAY LARKIN, Dean, Liberal Arts School, Illinois Institute of Technology, Chicago, Illinois.

Dean Larkin's appointment is recommended as replacement for John E. Cassidy, Attorney, Peoria, Illinois, as one of the representatives of the public. Dean Larkin has had extensive experience in labor relations and is a well-known arbitrator, recognized by both labor and management as an expert student and nonpartisan practitioner in labor relations.

The organization of the Institute as approved by the Board of Trustees

when it was established in 1946 includes within its administrative framework a Faculty Council drawn from the University faculty at large but outside of the Institute's staff. The purpose of the Council was to give the newly established Institute the benefit of the advice and guidance of experienced members of the faculty, and the Council has been very useful in this respect. The Institute is now an established division. Its on-campus program operates within the framework of the Graduate College and since most members of the Institute's academic staff are also members of other teaching departments, there is a continuing liaison with related University areas of instruction and research and also with the Division of University Extension. There is now little or nothing for the Faculty Council to do and its members join with the Director of the Institute in recommending the Council be discontinued.

I concur in these recommendations.

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

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(9) The Committee on Nonrecurring Appropriations recommends assignments of funds from the General Reserve as follows:

Urbana-Champaign

1. Department of Botany, purchase of equipment.....	\$ 7 600
2. Department of Civil Engineering, installation of women's rest room on the first floor of Civil Engineering Hall.....	3 700
3. University of Illinois Alumni Association, to provide for increased circulation of <i>Illinois Alumni News</i>	1 500
4. Department of Electrical Engineering, purchase of equipment for electronics, communication and radio laboratories.....	20 650
5. College of Fine and Applied Arts, purchase of paintings for the University's permanent collection in connection with the 1955 Festival of Contemporary Arts.....	7 500
6. College of Veterinary Medicine, purchase of forty-eight monocular compound microscopes	15 077
7. Office of Public Relations, production of a color sound film of the University of Illinois campus and other University activities.....	5 000

Chicago Professional Colleges

8. Department of Radiology, College of Medicine, replacement of X-ray tube for betatron.....	3 000
9. Microscope rental pool, purchase of fifty microscopes.....	16 500
10. Research and Educational Hospitals, microfilming of medical records	27 000
11. College of Pharmacy, purchase of equipment for new laboratories in East Dentistry-Medicine-Pharmacy Building.....	24 650
12. Departments of Physiology and Pharmacology, purchase of laboratory equipment	27 800
Total.....	\$159 977

I concur.

On motion of Mr. Hickman, these appropriations were made by the following vote: Aye, Mr. Bissell, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. Megran, Mrs. Watkins; no, none; absent, Mr. Johnston, Mr. Nickell, Mr. Stratton.

PROFESSIONAL SERVICES ON SELECTION OF SITE FOR CHICAGO UNDERGRADUATE DIVISION

(10) At its meeting on July 26, 1954, the Board of Trustees accepted the report and conclusions of the Committee on Future Development of the Chicago Undergraduate Division as representing the official policy of the University of Illinois with respect to a four-year program for this division of the University in Chicago and appropriated \$25,000 for future studies. A special committee has continued studies of this development with these objectives: (1) to submit recommendations on the selection of a specific site, and (2) to submit estimates of the funds required during the biennium of 1955-57.

Preliminary studies of site selection were made by the Real Estate Research Corporation pursuant to authorization by the Board at its meeting on March 20, 1954. The services of this corporation have been very satisfactory, and it is proposed that its services be continued to include:

1. Cataloging of all sites that may reasonably be considered as logical examples of low and medium building density sites, and the application to these sites of the criteria developed in the previous study.
2. Obtaining factual information from local government units as to future development programs to the extent that such programs may affect site selection.
3. Recommending the desirable site.
4. Engaging, orientating, and supervising such other professional services as may be necessary to complete the study.
5. Engaging, orientating, and supervising architectural and engineering services for preparation of a preliminary campus plan.

It is proposed that the University be billed monthly by the Real Estate Research Corporation on a time and expense basis at its regular hourly charges with the guarantee that such charges will not exceed \$20,000, excluding (5) above. This item is being excluded at this time because it has been impossible to anticipate the extent of the architectural and engineering investigations until the studies of the Real Estate Research Corporation have been well advanced. A separate recommendation will be submitted to the Board regarding the architectural and engineering services to be required.

I recommend that the Board authorize the execution of a contract with the Real Estate Research Corporation for the services and under the terms outlined above.

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

CONTRACTS FOR CONSTRUCTION OF VETERINARY CLINIC BUILDING

(11) The Director of the Physical Plant and the Comptroller recommend award of contracts as follows for the construction of the Veterinary Clinic Building:

General—Kuhne-Simmons Co., Inc., Champaign.....	\$292 090
The base bid is \$299,890 and provides for a credit of \$7,800 for changing the construction of stall partitions from reinforced masonry with metal lath and cement plaster to reinforced concrete. The University is taking this alternate.	
Electric—Leverenz Electric Co., Danville.....	49 409
Plumbing—Reliable Plumbing and Heating Co., Champaign.....	43 975
Heating—Hosler and Pearson, Inc., Fort Wayne, Indiana.....	25 636
Ventilating—Robt. H. Bishop, Champaign.....	15 485
Laboratory Equipment—Robert M. Green and Sons, Inc., Nesquehoning, Pennsylvania	5 821
	<u>\$432 416</u>

In each case the recommendation is for the award to the lowest bidder.

The construction budget based on the first bids received and opened on August 20, 1954, totalled \$712,248, whereas the state appropriation for this building is \$586,000. On September 29, the Board authorized the rejection of all bids, except those for laboratory equipment, and the call for new bids based on revised plans. The new bids were opened on October 12, 1954. In this second bidding only one bid was received on the general work. Three other contractors who bid originally were requested to submit new bids but did not do so. The Physical Plant Department advises that on the basis of the four previous bids, the new bid on the general work in the rebidding is sound and acceptable and that the University could not expect to obtain a lower bid if a third bidding were taken. Another consideration is that construction of this project would be delayed at least one month, and perhaps longer, if a third set of bids were taken on the general work. Kuhne-Simmons Co., Inc., indicated in their bid that they can substantially complete their contract within 300 days after receipt of notice of award, or prior to September 1, 1955.

A budget based on the lowest bids received indicates that the building can be constructed within the state appropriation of \$586,000.

I concur in the recommendations for the awards of these contracts and re-

quest that the Comptroller and the Secretary of the Board be authorized to execute them.

On motion of Mr. Herrick, these contracts were awarded and the Comptroller and Secretary of the Board were authorized to execute the same. This action was taken by the following vote: Aye, Mr. Bissell, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. Megran, Mrs. Watkins; no, none; absent, Mr. Johnston, Mr. Nickell, Mr. Stratton.

CONTRACT FOR REFRIGERATION INSTALLATION IN THE CONSTRUCTION OF THE LAW BUILDING

(12) Contracts previously awarded by the Board of Trustees for the construction of the Law Building do not include refrigeration installation planned in the original design to provide for summer cooling throughout the building. A decision on this phase of the work was deferred until it could be certain that sufficient funds would be available. It is now clear that this can be included.

The Director of the Physical Plant and the Comptroller recommend award of a contract for \$67,767 to F. R. Inskip and Company, Champaign, the lowest bidder, for the refrigeration work. This installation will involve additional work by other contractors, and the Physical Plant Department has obtained the following estimates of the added costs for their particular phases of the construction program:

Electric — Square Deal Electrical Contracting, Inc., Urbana.....	\$15 377 00
Heating — Gallaher and Speck, Chicago.....	9 140 00
Ventilating — Robt. H. Bishop, Champaign.....	1 927 33

Since these contractors are already on the job, it is not feasible to take competitive bids, and it is unlikely that other contractors coming into the construction program could do the work for less.

Funds are available in the state appropriation for the construction of the Law Building, subject to release by the Governor.

I concur in the recommendation for the award of this contract, subject to release of funds by the Governor, and request that the Comptroller and the Secretary of the Board be authorized to execute it. I also request that the Board authorize changes in the electric, heating, and ventilating contracts in the amounts indicated above to cover the additional work required in connection with the refrigeration installation. This phase of the work will be integrated with the work of other contractors and will not affect the completion date of the building.

On motion of Mr. Herrick, the recommended contract was awarded to F. R. Inskip and Company, and the Comptroller and Secretary of the Board were authorized to execute the same; and the recommended changes in the other contracts were authorized — all subject to the release of funds by the Governor. This action was taken by the following vote: Aye, Mr. Bissell, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. Megran, Mrs. Watkins; no, none; absent, Mr. Johnston, Mr. Nickell, Mr. Stratton.

CONTRACT FOR REMODELING IN DENTISTRY-MEDICINE- PHARMACY BUILDING

(13) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$44,082 to the Simpson Construction Company, Chicago, the lowest bidder, for remodeling in the Dentistry-Medicine-Pharmacy Building to provide more adequate quarters for the School of Nursing and the Department of Physiology.

Funds are available in a special appropriation made by the Board of Trustees on May 15, 1954, for remodeling.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mrs. Watkins, this contract was awarded and the Comptroller and the Secretary of the Board were authorized to execute the same.

ADDITION TO CONTRACT FOR UTILITIES EXTENSION INSTALLATION

(14) The Director of the Physical Plant and the Comptroller recommend that the contract with the George S. Walker Plumbing and Heating Company, Decatur, for installation of utility extensions to service the Home Economics, Veterinary Clinic, and Law Buildings be increased by \$3,419. At the time this contract was executed plans for the Veterinary Clinic Building, particularly with respect to the location of the mechanical equipment room, were not complete, and a tentative location was specified. As plans for the building were developed the best location of the room was found to be fifty feet south of the tentative location specified, which will require additional work by the contractor.

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

On motion of Mrs. Holt, this increase in the contract was authorized.

PURCHASES**Purchases Recommended**

(15) The Director of Purchases has proposed and the Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One Tektronix type 517 oscilloscope with metalized type 5 x P11 tube, with accessories	Physics	Tektronix, Inc., Chicago	\$3 500 00 f.o.b. Portland, Ore.
One Tektronix No. 535 oscilloscope with preamplifiers	Electrical Engineering	Tektronix, Inc., c/o Everett Associates, Chicago	2 795 00 f.o.b. Portland, Ore.
One Tektronix No. 514 AD oscilloscope			
One motor generator set	Engineering Research	Bogue Electric Manufac- turing Co., Patterson, N.J.	7 465 00 f.o.b. Patterson, N.J.
1000 No. 5687 tubes	Digital Computer Laboratory	General Electric Co., Chicago	2 930 00 f.o.b. delivered
200 (approximately) topcoats for advanced students in Army R.O.T.C.	Military	Sholem's, Champaign	11 530 00
100 (approximately) topcoats for advanced students in Air Force R.O.T.C.			
88 dozen bronze globe and gate valves in sizes from 3/4" to 2"	Physical Plant	Field & Shorb Co., Decatur	4 580 87 f.o.b. delivered
250 cases toilet tissue	Physical Plant	Decatur Paper House, Decatur	4 319 40 f.o.b. delivered
400 cases paper hand towels	Storeroom		
30 towel cabinets			
One lot laboratory equipment and apparatus (a complete list, with descriptions, of the items included in this order was available at the Board meeting)	General Chemical Stores	A. S. LaPine & Co., Chicago	5 033 59 f.o.b. Urbana
40,000 lbs. 25 x 38 70 lb. white, No. 2 folding enamel, long grain paper	Office Supply Storeroom	J. W. Butler Paper Co., Chicago	6 400 00 f.o.b. delivered

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

Purchases Authorized

The following purchases were authorized by the Executive Committee on recommendation of the Director of Purchases, the Comptroller, and with the concurrence of the President of the University.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
60,000 (approximately) prints on glossy paper from 35 millimeter negatives of student identification cards	Office of Security	Techniprint Film Laboratory, Champaign	\$2 700 00 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Equipment for government research (restricted)	Engineering Research	Everett Associates, Chicago	\$ 6 602 50 f.o.b. factory
A study for government research program (restricted)	Engineering Research	The Ramo-Wooldridge Corp., Los Angeles, Calif.	68 915 00

The following purchases were authorized by the President on the recommendation of the Director of Purchases and the Comptroller.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
A study for government research program (restricted)	Engineering Research	Chromatic Television, Inc., Oakland, Calif.	\$10 000 00
One 10-channel timer, without relay circuits, 10-second in 0.001 seconds intervals (1 millisecond accuracy), 5 ampere contacts	Civil Engineering	Electro-Pulse, Inc., Culver City, Calif.	4 500 00 f.o.b. Culver City

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

COMPTROLLER'S REPORT OF CONTRACTS

(16) The Comptroller's report of contracts executed during the period September 1 to September 30, 1954.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Illinois Dairy Products Association	Cream quality improvement	\$24 000 00 for two-year period	July 1, 1954
Refrigeration Research Foundation, Inc.	Refrigerated warehousing of foods	1 000 00	September 1, 1954
Trojan Powder Company	Silage preservation program	1 500 00	September 9, 1954
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
State's Attorney of DeKalb County	Services rendered (in lieu of taxes)	\$3 824 20	July 26, 1954

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
J. I. Case Company	Farm equipment for use by department of agriculture	\$ 120 83	June 10, 1954
Chicago Medinah Temple	Rental of main auditorium for commencement exercises, June 17, 1955	640 00	September 8, 1954
John Deere Plow Company	Farm equipment for use by department of agriculture	55 00	August 31, 1954
Harry Ferguson Company	Farm equipment for use by department of agriculture	317 03	July 19, 1954
Fox River Tractor Company	Farm equipment for use by department of agriculture	433 33	July 1, 1954
International Harvester Company (four agreements)	Farm equipment for use by department of agriculture	958 85	August, 1954

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Commonwealth Edison Company	Covering for underground cables	\$1 800 00	July 20, 1954
Commonwealth Edison Company	Heating in reinforced steel by electrical fields	1 800 00	July 20, 1954
Illinois Farm Supply Company	Trace elements in soils and crops	2 000 00	September 24, 1954
Lederle Laboratories Division, American Cyanamid Company	Aureomycin nutrition of swine	1 500 00	August 1, 1954
Sanitary District of Chicago	Nutritive value of dried activated sewage sludge for animal feeding	4 680 00	May 10, 1954
Swift and Company	Antibiotics and fat-soluble vitamins	2 775 00	September 24, 1954
Transparent Package Company	Deterioration of meat	3 000 00	September 1, 1954

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Air Force AF 18(600)-392	Internal transonic and supersonic fluid flow	\$23 866 00	August 1, 1954
United States Army DA-11-022-ORD-828	Synthesis of hydrazine	15 898 50	July 1, 1954
United States Army DA-11-022-ORD-874	Nucleophilic attack of aromatic rings by organometallic compounds	5 725 80	June 15, 1954
United States Army DA-11-022-ORD-939	Kinetics of anode films	7 942 00	September 1, 1954
United States Army DA-11-022-ORD-992	Phenomenon of superconductivity	22 747 30	September 1, 1954
United States Army DA-11-022-ORD-1001	Conduction of electricity in solids	18 134 35	September 1, 1954
United States Army DA-11-022-ORD-1175	Alloys of the transition elements	15 983 00	March 4, 1954
United States Army DA-49-007-MD-216	Survival of salmonella and shigella species exposed to low temperatures	8 451 00	July 1, 1954
United States Atomic Energy Commission AT(11-1)-182	Radiation damage	95 284 00	June 1, 1954
United States Navy N6ori-71, Task 49	Torsional properties of metal at high rates of strain	12 000 00	May 1, 1954
Hiram Walker and Sons, Inc.	Distillers' dried solubles in swine nutrition	720 00	September 1, 1954

Adjustments Made in 1952-53 Cost-Plus Contracts

(Adjustments in projects authorized prior to July 1, 1954)

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Schroeder's Ventilating	Two items: \$800.00 deduct to \$64.75	\$ 735 25 ¹	September, 1954

Adjustments Made in 1953-54 Cost-Plus Contracts

(Adjustments in projects authorized prior to July 1, 1954)

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. C. Manthei (Consulting engineering service)	Veterinary Clinic Building specifications covering electrical work	\$1 000 00	September 1, 1954

Adjustments Made in 1954-55 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Harry F. Fisher (Plastering)	Forty-five items: \$613.54 deduct to \$897.00	\$2 268 83	September, 1954

This report was received for record.

SECRETARY'S REPORTS

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

APPOINTMENTS MADE BY THE PRESIDENT

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

ALBERT, WACO W., Instructor in Animal Science (C and S), eleven months beginning October 1, 1954, \$5333 a year, supersedes (10-13-54).

ANDERSON, ARTHUR G., Professor of Management, ten months beginning September 1, 1954, \$8100 (9-8-54).

ANDREWS, CHARLES B., Assistant in Orthopaedic Surgery, in the College of Medicine, ten months beginning September 1, 1954, without salary (10-6-54).

AXEL, MRS. SHIRLEY H., Assistant in English, September 16, 1954-January 31, 1955, \$300 a month (10-13-54).

BAILAR, MRS. FLORENCE L., Instructor in Mathematics, five months beginning September 1, 1954, \$360 a month (10-6-54).

¹ Deduct.

- BARRON, SAMUEL H., Assistant Professor of Pediatrics, in the College of Medicine, on three-fourths time, one year beginning September 1, 1954, \$6000, supersedes (10-13-54).
- BARTHEL, HAROLD O., Research Associate in Aeronautical Engineering (C), for the academic year beginning September 1, 1954, \$4400 (10-5-54).
- BELLO-VALDERRAMA, RAQUEL, Assistant in Spanish, nine months beginning September 16, 1954, \$2750, supersedes (9-30-54).
- BENOIT, PAUL, Research Associate in the Institute for Research on Exceptional Children, eleven months beginning October 1, 1954, without salary (10-6-54).
- BERGMAN, MARILYN, Assistant in English, nine months beginning September 16, 1954, \$2700 (9-15-54).
- BERMAN, DAVID, Instructor in Applied Materia Medica and Therapeutics, in the College of Dentistry, on 30/100 time, for one year beginning September 1, 1954, without salary (9-21-54).
- BERRYMAN, ROBERT G., Instructor in Accountancy, for the academic year beginning September 1, 1954, \$4000 (9-30-54).
- BLATNIK, WILLIAM H., Instructor in Education, for the academic year beginning September 1, 1954, \$3500 (10-6-54).
- BLOCK, BERNARD, Clinical Instructor in Psychiatry, in the College of Medicine, eleven months beginning October 1, 1954, without salary (10-13-54).
- BOAND, ARTHUR V., JR., Research Associate in Medicine, in the College of Medicine, one year beginning September 1, 1954, \$6000, supersedes (9-10-54).
- BOGARDUS, RALPH W., Lecturer in Jurisprudence, in the College of Dentistry, beginning September 28, 1954, and continuing through October 31, 1954, without salary (9-30-54).
- BONE, ROBERT G., Professor of History, on indefinite tenure, on two-fifths time, to render service during each academic year, and Assistant Provost, on three-fifths time, one year (on "Y" basis), beginning September 1, 1954, \$10,500 a year, supersedes (9-20-54).
- BROWER, KAY R., Research Associate in Chemistry, one year beginning September 1, 1954, \$4500 (9-13-54).
- BRUNN, KENNETH R., Research Associate in Electrical Engineering (S), one year beginning September 1, 1954, \$4800 (9-27-54).
- BUDDEMEIER, WILBUR D., Associate Professor of Agricultural Economics and of Vocational Agriculture (C), on indefinite tenure beginning September 1, 1954, \$7000 a year, supersedes (9-30-54).
- BURR, MARY JO, Research Assistant in Biological Chemistry, in the College of Medicine, nine months beginning September 1, 1954, \$3900 (9-21-54).
- BUSWELL, ARTHUR M., Research Professor of Chemistry, on two-fifths time, on indefinite tenure beginning September 1, 1954, \$5232 a year; in addition to \$7848 a year paid by the State Water Survey for which the University assumes no responsibility, supersedes (10-13-54).
- CALLOWAY, NATHANIEL O., Clinical Assistant Professor of Medicine, in the College of Medicine, one year beginning September 1, 1954, without salary (9-1-54).
- CHANG, SHEN CHIN, Research Assistant in Entomology, in the Graduate College, five months beginning September 16, 1954, \$300 a month (9-15-54).
- CHANG, TIEN-SUN, Research Assistant in Theoretical and Applied Mechanics (S), nine months beginning September 16, 1954, \$2850, supersedes (9-13-54).
- CIPOLLA, ARTHUR F., Assistant Professor of Anatomy, in the College of Medicine, on 18/100 time, nine months beginning October 1, 1954, \$90 a month, supersedes (9-21-54).
- CLAAR, JOHN B., First Assistant in Agricultural Economics (E), eleven months beginning October 1, 1954, \$6600 a year, supersedes (9-17-54).
- CLARK, JAMES G., Professor of Civil Engineering (C), on indefinite tenure beginning September 1, 1954, to render service during each academic year, on three-fourths time, September 1, 1954, through February 28, 1955, and on full time effective March 1, 1955, full time rate of \$9000 a year, supersedes (9-13-54).
- CLIMER, ROBERT, Assistant in English, nine months beginning September 16, 1954, \$2700, supersedes (10-13-54).
- COHEN, SUZANN M., Research Assistant in Medicine, in the College of Medicine, one year beginning September 1, 1954, \$3750 (9-21-54).

- COOPERMAN, NORMAN R., Clinical Instructor in Obstetrics and Gynecology, in the College of Medicine, eleven months beginning October 1, 1954, without salary (10-13-54).
- COPPERSMITH, ROBERT L., Assistant Professor of Agricultural Economics and of Animal Science (E), one year beginning September 1, 1954, \$6500, supersedes (9-17-54).
- CORE, ALFRED C., Assistant in Chemistry, in the College of Pharmacy, ten months beginning September 1, 1954, \$3000 (10-13-54).
- DALLENBACH, FREDERICK D., Instructor in Pathology, in the College of Medicine, eight months beginning January 1, 1955, \$6000 a year, supersedes (9-29-54).
- DAVIS, DONALD A., Assistant in Physical Education for Men, nine months beginning September 16, 1954, \$3800 (9-28-54).
- DAVIS, STEPHEN R., Lecturer in Mechanical Engineering (C), for the academic year beginning September 1, 1954, \$4500, supersedes (10-6-54).
- DAY, MRS. FRANCES M., Instructor in Mathematics, on one-half time, five months beginning September 1, 1954, \$180 a month (10-6-54).
- DEMPSEY, ELLEN, Research Assistant in Botany, on one-half time from September 1, 1954, through January 31, 1955, full time from February 1, 1955, through August 31, 1955, and Teaching Assistant on one-half time, from September 1, 1954, through January 31, 1955, \$4450, supersedes (9-21-54).
- DENISTON, ROBERT F., Instructor in Mathematics, in the Chicago Undergraduate Division, for the academic year beginning September 1, 1954, \$4400 (9-28-54).
- DETABEL, MARVIN, Research Associate in Psychology, in the Graduate College, eleven months beginning October 1, 1954, \$6700 a year (9-18-54).
- DIGGS, BERNARD J., Associate Professor of Philosophy, on indefinite tenure beginning September 1, 1954, to render service during each academic year, \$5650 a year, supersedes (9-23-54).
- DOUGLASS, KATHRYN F., Assistant in English, nine months beginning September 16, 1954, \$2700 (10-6-54).
- DOW, EDDY W., Assistant in English, nine months beginning September 16, 1954, \$2700 (10-6-54).
- DURR, WILLIAM K., Instructor in Education, for the academic year beginning September 1, 1954, \$4000, supersedes (10-6-54).
- EATON, RICHARD C., Instructor in Animal Science (C and S), eleven months beginning October 1, 1954, \$5333 a year, supersedes (10-13-54).
- EICHBERGER, LEROY C., Research Assistant in Theoretical and Applied Mechanics (S), nine months beginning September 16, 1954, \$2850 (9-28-54).
- FELTON, GORDON H., Instructor in Business English, for the academic year beginning September 1, 1954, \$3800 (9-15-54).
- FERA, PAUL P., Instructor in Labor and Industrial Relations and Program Coordinator of Japanese Student Program, on three-fourths time, and Assistant to the Dean of Foreign Students, on one-fourth time, one year beginning August 1, 1954, \$4200, supersedes (9-30-54).
- FESS, PHILIP E., Assistant in Accountancy, nine months beginning September 16, 1954, \$3200, supersedes (10-13-54).
- FIELDS, ARMOND, Research Assistant in Sociology, in the Graduate College, October 16, 1954-September 15, 1955, \$3600 a year (10-13-54).
- FINAMORE, FRANK J., Research Associate in the Institution for Tuberculosis Research, one year beginning October 1, 1954, \$7000 (10-13-54).
- FLEMINGS, ARTHUR W., Instructor in Verbal Communication in the Division of General Studies, for the academic year beginning September 1, 1954, \$4000 (9-30-54).
- FRASER, CONSTANCE, Instructor and Medical Social Worker to the Cleft Palate Training Program, in the College of Medicine, September 20, 1954-August 31, 1955, \$4345 a year; for her convenience she will also be furnished one meal a day while on duty valued at \$120 a year (10-6-54).
- FULLER, JAMES R., Research Assistant in Civil Engineering (S), September 16, 1954-August 31, 1955, \$4200 a year, supersedes (9-21-54).
- GARNER, ANN, Professor of Psychology, in the College of Medicine, on 55/100 time, on indefinite tenure beginning October 1, 1954, \$4500 a year, supersedes (10-13-54).
- GORMAN, ANNA M., Instructor in Home Economics Education, on one-half time, for the academic year beginning September 1, 1954, \$2000 (9-10-54).

- GOSS, MARY E., Instructor in Medical Social Work, in the College of Medicine, September 13, 1954-August 31, 1955, \$4500 a year (9-30-54).
- GRAAMANS, CHRISTIAAN A. R., Instructor in Physical Education for Men, on one-half time, for the academic year beginning September 1, 1954, \$1600 (9-28-54).
- GRATZINGER, MAX, Instructor in Applied Materia Medica and Therapeutics, in the College of Dentistry, on 30/100 time, for one year beginning September 1, 1954, without salary (9-21-54).
- GROSS, SEYMOUR L., Instructor in English, for the academic year beginning September 1, 1954, \$4000 (9-15-54).
- GRUBER, WILHELM F., Research Associate in Bacteriology, in the Graduate College, one year beginning September 1, 1954, \$5000 (9-13-54).
- GUTTMAN, NEWMAN, Research Associate in Speech, in the Graduate College, one year beginning September 1, 1954, \$5700, supersedes (10-13-54).
- HALE, PAUL B., Research Associate in Education, for the academic year beginning September 1, 1954, without salary (9-30-54).
- HANSEN, ELLEN P., Instructor in Home Economics (C), for the academic year beginning September 1, 1954, \$4000 (9-20-54).
- HANSON, ROBERT J., Instructor in Bacteriology, in the College of Medicine, for the academic year beginning September 1, 1954, \$5040, supersedes (9-23-54).
- HARROWES, WILLIAM M., Research Associate in Psychiatry, in the College of Medicine, one year beginning September 1, 1954, without salary (10-6-54).
- HATFIELD, EFTON E., Instructor in Animal Science (C and S), eleven months beginning October 1, 1954, \$5333 a year, supersedes (10-13-54).
- HAVENS, PHYLLIS A., Research Assistant in Public Health, in the College of Medicine, nine months beginning October 1, 1954, \$3960 a year (10-13-54).
- HAWES, DAVID S., Instructor in Speech, for the academic year beginning September 1, 1954, \$4200 (9-21-54).
- HEATHMAN, JESSIE E., Assistant Professor of Home Economics Extension and Assistant Extension Editor (E), one year beginning September 1, 1954, \$6800, on leave of absence with pay for the second semester of 1954-55, supersedes (9-18-54).
- HEISERMAN, ARTHUR R., Instructor in Humanities, in the Chicago Undergraduate Division, five months beginning September 1, 1954, \$1000 (9-30-54).
- HIERONYMUS, THOMAS A., Associate Professor of Agricultural Economics (C and S), on indefinite tenure beginning September 1, 1954, \$7200 a year, supersedes (9-22-54).
- HUNTER, FRANCIS R., Research Associate in the Institution for Tuberculosis Research, one year beginning October 1, 1954, \$7000 (10-8-54).
- JONES, ROBERT E., Instructor in Psychology, in the Graduate College and in the College of Liberal Arts and Sciences, one year beginning September 1, 1954, \$5800, supersedes (10-13-54).
- JOSSelyn, IRENE, Research Associate in Psychiatry, in the College of Medicine, on one-fourth time, one year beginning September 1, 1954, \$3000 (10-6-54).
- KAMINETZKY, HAROLD A., Instructor in Obstetrics and Gynecology, in the College of Medicine, on one-half time, one year beginning September 1, 1954, \$2500, supersedes (10-13-54).
- KARENbroCK, RODGER E., Assistant in Accountancy, nine months beginning September 16, 1954, \$3333, supersedes (10-13-54).
- KENT, LOIS S., Instructor in Geology, on three-fifths time, ten months beginning September 1, 1954, \$240 a month (9-21-54).
- KETCHUM, JERALD, Assistant in English, nine months beginning September 16, 1954, \$2700, supersedes (10-13-54).
- KHEDROO, LAWRENCE G., Assistant Professor of Anatomy, in the College of Medicine, on 18/100 time, nine months beginning October 1, 1954, \$85 a month, supersedes (9-22-54).
- KIRKPATRICK, BURDETTE F., Assistant Professor of Business Law, for the academic year beginning September 1, 1954, \$5000 (9-28-54).
- KRAUZ, CHARLES, Assistant in English, nine months beginning September 16, 1954, \$2700, supersedes (10-13-54).
- LANDMAN, HARRIET, Assistant in Occupational Therapy, in the College of Medicine, one year beginning September 1, 1954, \$3600 (9-28-54).
- LARKIN, ROBERT L., Instructor in Business English, for the academic year beginning September 1, 1954, \$4000 (9-15-54).

- LARSON, ELEANORE E., Instructor in Education, for the academic year beginning September 1, 1954, on three-fourths time, September 1, 1954-February 28, 1955, \$250 a month, and on one-half time March 1, 1955-August 31, 1955, \$166.66 a month, supersedes (10-6-54).
- LAVATELLI, LEO S., Research Assistant Professor of Physics (C), on one-half time, September 16, 1954-August 31, 1955, \$3617, and in the Control Systems Laboratory (S), on full time September 1-September 15, 1954, and on one-half time September 16, 1954-August 31, 1955, \$5243, total salary of \$8860, supersedes (10-6-54).
- LAZARUS, DAVID, Research Assistant Professor of Physics (C), on one-half time, September 16, 1954-August 31, 1955, \$3442, and in the Control Systems Laboratory, on full time September 1-September 15, 1954, and on one-half time, September 16, 1954-August 31, 1955, \$5035, total salary \$8477, supersedes (10-6-54).
- LEVINE, RAPHAEL B., Research Associate in Psychiatry, in the College of Medicine, one year beginning September 1, 1954, \$6000 (9-21-54).
- LEVY, MRS. LUCRETIA, Instructor in Mathematics, five months beginning September 1, 1954, \$360 a month (10-6-54).
- LIBA, RICHARD, Assistant in English, nine months beginning September 16, 1954, \$2700 (10-6-54).
- LIPKE, HERBERT, Research Associate in Entomology, in the Graduate College, on one-half time, two months beginning July 1, 1954, \$187.50 a month, supersedes (9-30-54).
- LONG, MRS. LENA L., House Director in "T" Building, ten months beginning September 1, 1954, \$1850; for the convenience of the University she will also be furnished perquisites valued at \$120 (9-17-54).
- LUMINET, DANIEL, Clinical Assistant in Psychiatry, in the College of Medicine, ten months beginning September 1, 1954, without salary (10-6-54).
- MACINTYRE, JAMES M., Assistant in English, nine months beginning September 16, 1954, \$2700 (10-6-54).
- MARDIN, MRS. DOROTHY F., Research Assistant in Histology, in the College of Dentistry, six months beginning October 1, 1954, \$4000 a year, supersedes (9-20-54).
- MARTIN, DAVID E., Instructor in Theoretical and Applied Mechanics (C), for the academic year beginning September 1, 1954, \$4000, supersedes (9-28-54).
- MARTIN, DONALD M., Instructor in English, in the College of Pharmacy, on one-half time, for the academic year beginning September 1, 1954, \$2000 (9-28-54).
- MASON, HERMAN C., Research Professor of Electrical Engineering (S), one year beginning September 1, 1954, without salary (9-23-54).
- MATSUDA, FUJIO, Research Assistant Professor of Civil Engineering (S), one year beginning September 1, 1954, \$6000, supersedes (10-13-54).
- MCBRIDE, DOROTHY, Instructor in Psychology, in the Graduate College and in the College of Liberal Arts and Sciences, one year beginning September 1, 1954, \$5200, supersedes (10-13-54).
- MCCRIMMON, JAMES M., Associate Professor of Humanities and Head of the Division of General Studies, on indefinite tenure beginning September 1, 1954, to render service during each academic year, \$7300 a year, supersedes (9-20-54).
- MCELODY, DONALD L., Instructor in Applied Materia Medica and Therapeutics, in the College of Dentistry, on 30/100 time, one year beginning September 1, 1954, without salary (9-21-54).
- MCGUIRE, BLANCHE B., Instructor in Humanities, in the Chicago Undergraduate Division, for the academic year beginning September 1, 1954, \$4450 (9-13-54).
- McKINZIE, LERMOND E., Assistant Professor of Agricultural Extension and Assistant State Leader of Farm Advisers (E), nine months beginning December 1, 1954, \$7750 a year, supersedes (9-27-54).
- MEDAK, HERMAN, Instructor in Oral Pathology, in the College of Dentistry, on one-half time, one year beginning September 1, 1954, \$3000 (9-21-54).
- MILLER, ARTHUR A., Clinical Instructor in Psychiatry, in the College of Medicine, eleven months beginning October 1, 1954, without salary (10-6-54).
- MILLIS, GEORGE H., Instructor in Education, for the academic year beginning September 1, 1954, on three-fourths time September 1, 1954-February 28, 1955, \$250 a month, and on one-half time March 1, 1955-August 31, 1955, \$166.66 a month, supersedes (10-6-54).

- MISENHEIMER, JAMES, JR., Assistant in English, nine months beginning September 16, 1954, \$2700, supersedes (10-13-54).
- MOHAMMED, CLIVE I., Assistant in Histology, in the College of Dentistry, one year beginning September 1, 1954, \$4000 (9-20-54).
- MONSEN, HARRY, Instructor in Anatomy, in the College of Medicine, for the academic year beginning September 1, 1954, \$4800 (9-20-54).
- MORTENSEN, THEODORE J., JR., Assistant in Physical Education for Men, in the Chicago Undergraduate Division, nine months beginning September 16, 1954, \$3200; in addition to \$400 paid from Student Athletic Activities (9-22-54).
- MUEHRCKE, ROBERT C., Clinical Assistant in Medicine, in the College of Medicine, one year beginning September 1, 1954, without salary (9-21-54).
- MULLEN, JOSEPH J., Instructor in Obstetrics and Gynecology, in the College of Medicine, on one-half time, eleven months beginning October 1, 1954, \$2500 a year, supersedes (10-13-54).
- MURPHY, WILLIAM D., Assistant Professor in the Extension Service in Agriculture and Home Economics, nine months beginning December 1, 1954, \$8100 a year, supersedes (9-21-54).
- NAKAMICHI, MASUMI, Assistant in Chemistry, in the College of Pharmacy, ten months beginning September 1, 1954, \$3000 (10-13-54).
- NASH, JAMES C., Research Assistant in the Department of Public Health, in the College of Medicine, one year beginning September 1, 1954, \$3960 (9-21-54).
- NELSON, ELAINE V., Research Associate in Dairy Science, in the Graduate College, one year beginning September 1, 1954, \$5000, supersedes (9-17-54).
- NETTLES, JOHN B., Instructor in Obstetrics and Gynecology, in the College of Medicine, September 27, 1954-August 31, 1955, \$6000 a year, supersedes (10-13-54).
- NEWELL, GEORGE S., JR., Assistant Professor of Physics (C), on one-third time, to render service during the academic year, \$1500, and Assistant Professor in the Control Systems Laboratory (S), full time from September 1-September 15, 1954, on two-thirds time September 16, 1954-June 15, 1955, and on full time June 16, 1955-August 31, 1955, on Y basis, \$5850, total salary \$7350, supersedes (9-23-54).
- NEWKIRK, MRS. ELAINE F., Instructor in French, for the academic year beginning September 1, 1954, \$3250, supersedes (10-13-54).
- NEWTON, C. RITA, Instructor in Education, on three-fourths time, for the first semester of the academic year beginning September 1, 1954, \$1650, supersedes (10-6-54).
- NICOLAI, VAN OLIN, Research Associate in Physics (C), one year beginning September 1, 1954, \$4800 (9-30-54).
- OVRESAT, RAYMOND C., Research Assistant in Small Homes Council, September 20, 1954-August 31, 1955, \$4200 a year (9-29-54).
- PAGE, DAVID, Instructor in Education, in the University High School, for the academic year beginning September 1, 1954, \$3800 (9-15-54).
- PEART, ROBERT M., First Assistant in Agricultural Engineering (S), one year beginning September 1, 1954, \$5000 (9-30-54).
- PECK, GERALD W., Assistant Dean of Men, for one year beginning September 1, 1954, \$5400, and Acting Director of the Placement Bureau, beginning September 1, 1954, and continuing until a coordinating placement officer is appointed but not beyond August 31, 1955, \$2600, total salary \$8000 a year, supersedes (9-16-54).
- PENNELL, ARTHUR, Assistant in English, in the College of Liberal Arts and Sciences, on two-thirds time, and Research Assistant in the Graduate College, on one-third time, nine months beginning September 16, 1954, \$2700, supersedes (10-13-54).
- POLLAK, VICTOR E., Research Assistant in Medicine, in the College of Medicine, eleven months beginning October 1, 1954, \$3600 a year (9-28-54).
- POMATTO, BERT D., Instructor in Orthodontics, in the College of Dentistry, on one-half time, one year beginning September 1, 1954, \$2400 (9-22-54).
- POND, MRS. EVELYN R., House Director in "T" Building, ten months beginning September 1, 1954, \$1850; for the convenience of the University she will also be furnished perquisites valued at \$120 (9-23-54).
- PORTER, ELLIS G., Assistant in French, September 16, 1954-January 31, 1955, \$316.67 a month, supersedes (10-1-54).

- POTTHOFF, EDWARD F., Professor of Education, on one-fourth time, on indefinite tenure, and Director of the Bureau of Institutional Research in the Provost's Office, on three-fourths time, for one year, beginning September 1, 1954, \$10,500 a year, supersedes (10-12-54).
- PURL, OLIVER T., Research Associate in Electrical Engineering (S), one year beginning September 1, 1954, \$4800 (9-27-54).
- RAO, P. D. SIVA, Research Assistant in Mechanical Engineering (C), one year beginning September 1, 1954, \$3800 (9-13-54).
- REED, MRS. GEORGIA, Instructor in Mathematics, on one-third time, five months beginning September 1, 1954, \$120 a month (10-13-54).
- REIMSCHISSEL, ALICE M., Clinical Assistant in the School of Nursing, September 20, 1954-August 31, 1955, \$3360 a year (9-21-54).
- ROBERTSON, JAMES H., Instructor in Education, on one-fourth time, and Counselor on the University Council on Teacher Education, on 17/100 time, for the academic year beginning September 1, 1954, \$1680 (9-15-54).
- ROBY, FREDERICK B., JR., Assistant in Physical Education for Men, nine months beginning September 16, 1954, \$3800 (9-17-54).
- ROSE, RAYMOND F., Clinical Instructor in Anesthesiology, in the College of Medicine, one year beginning September 1, 1954, without salary (9-21-54).
- RUDIN, STANLEY A., Assistant in the Student Counseling Bureau, in the Summer Session of 1954, on one-fourth time, June 18-August 14, 1954, \$155 for the period (9-30-54).
- RUSSELL, HAL G., Research Assistant in Aeronautical Engineering (C), September 16, 1954-January 31, 1955, \$366.67 a month (9-17-54).
- SADOFF, HAROLD L., Research Associate in Chemical Engineering (S), one year beginning September 1, 1954, \$5000 (9-13-54).
- SALLMAN, MRS. ELEANOR, Assistant in Mathematics, in the Chicago Undergraduate Division, September 16, 1954-January 31, 1955, \$400 a month (9-28-54).
- SANDBERG, GLEN H., Assistant in Radiology, in the College of Medicine, September 7, 1954-August 31, 1955, \$3600 a year (9-29-54).
- SCHPOONT, BEVERLY D., Instructor in Psychology, in the Graduate College and in the College of Liberal Arts and Sciences, ten months beginning September 1, 1954, \$4800 a year (9-13-54).
- SCHUBERT, JEWELL E., Instructor in Mathematics, for the academic year beginning September 1, 1954, \$4700 (10-7-54).
- SCHUMAIER, CLARENCE P., Assistant Professor of Agricultural Economics (S), one year beginning September 1, 1954, \$5750, supersedes (10-9-54).
- SCONE, BETSY L., Assistant in Spanish, nine months beginning September 16, 1954, \$2850 (9-15-54).
- SCOUFFAS, ROBERTA, Assistant in English, September 16, 1954-January 31, 1955, \$300 a month (10-13-54).
- SKALLERUP, MRS. AMY G., Instructor in Botany, September 16, 1954-January 31, 1955, \$2000 (10-6-54).
- SLOMINSKI, MIMI D., Instructor in Pathology, in the College of Medicine, September 15, 1954-August 31, 1955, \$5100 a year (10-13-54).
- SLOTNICK, VICTOR B., Research Assistant in the Department of Public Health, in the College of Medicine, one year beginning September 1, 1954, \$3900 (9-21-54).
- SMITH, JOHN H., Assistant in English, in the College of Liberal Arts and Sciences on two-thirds time, and Research Assistant in the Graduate College on one-third time, nine months beginning September 16, 1954, \$2835, supersedes (10-13-54).
- SMOLENSKI, STANISLAUS J., Assistant in Pharmacognosy, in the College of Pharmacy, ten months beginning September 1, 1954, \$3000 (9-21-54).
- SNOWDEN, MARY L., Research Assistant in the Institute of Communications Research, in the Graduate College, five months beginning September 1, 1954, \$4000 a year (9-29-54).
- SNYDER, JAMES N., Assistant Professor of Physics (C), on seven-eighths time, one year beginning September 1, 1954, to render service during the academic year, \$5163, and Research Assistant Professor in the Control Systems Laboratory (S), on one-eighth time, on Y basis, September 16, 1954-June 15, 1955, \$906, total salary \$6069, supersedes (9-23-54).

- STAMER, JOHN R., Research Assistant in Bacteriology, in the Graduate College, September 16, 1954-August 31, 1955, \$4080 a year (9-21-54).
- SULLIVAN, CATHERINE M., Assistant Professor of Home Management (E), ten months beginning November 1, 1954, \$6000 a year, supersedes (10-8-54).
- TAKAGI, SADAYUKI, Research Associate in Psychiatry, in the College of Medicine, eleven months beginning October 1, 1954, \$3600 a year (10-6-54).
- TANNENBAUM, PERCY H., Research Assistant Professor in the Institute of Communications Research, in the Graduate College, one year beginning September 1, 1954, \$6800 (10-1-54).
- TEPLITZ, RAYMOND, Instructor in Pharmacology, in the College of Medicine, three months beginning April 1, 1955, \$500 a month (10-13-54).
- TOTARO, JOSEPH V., Instructor in Education on the University Council on Teacher Education, eleven months beginning October 1, 1954, \$6000 a year (9-13-54).
- VICARI, FRANK, Instructor in Anatomy, in the College of Medicine, on 18/100 time, nine months beginning October 1, 1954, \$70 a month, supersedes (9-21-54).
- WALLHEISER, LAVERNE M., Clinical Instructor in Obstetrics and Gynecology, in the College of Medicine, eleven months beginning October 1, 1954, without salary (10-13-54).
- WARREN, WILLIAM W., Assistant Dean of Men, on one-half time, eleven months beginning October 1, 1954, \$1800 a year (9-22-54).
- WEINSTEIN, MYRON, Research Associate in Electrical Engineering (S), on one-half time, one year beginning September 1, 1954, \$2400 (9-27-54).
- WEISSMAN, IRA, Research Associate in the Control Systems Laboratory (S), on one-half time, eleven months beginning October 1, 1954, \$3200 a year, supersedes (9-22-54).
- WELLS, WARREN, Research Assistant in Biochemistry, in the College of Medicine, ten months beginning September 1, 1954, \$3900 a year (9-21-54).
- WESTMEYER, PAUL H., Instructor in Education, in the University High School, for the academic year beginning September 1, 1954, \$4200 (9-15-54).
- WIER, JOSEPH M., Research Associate in the Digital Computer Laboratory, in the Graduate College, on three-fourths time, one year beginning September 1, 1954, \$4500, supersedes (9-21-54).
- WILKEN, DELMAR F., Instructor and First Assistant in Agricultural Economics (S and E), eleven months beginning October 1, 1954, \$6300 a year (9-17-54).
- WILLIAMS, JOHN D., Instructor in Medicine, in the College of Medicine, one year beginning September 15, 1954, \$4000 (9-28-54).
- WITHERSPOON, PAUL A., Lecturer in Mining and Metallurgical Engineering (C), on one-fourth time, nine months beginning September 16, 1954, \$2000 (9-15-54).
- WOLF, ERIC, Research Associate in Anthropology, in the Graduate College, one year beginning September 1, 1954, \$5000 (9-15-54).
- WORTH, GEORGE J., Instructor in English, for the academic year beginning September 1, 1954, \$4000 (9-15-54).
- WRAY, JAMES R., Instructor in Social Sciences, in the Chicago Undergraduate Division, September 1, 1954-January 31, 1955, \$400 a month (10-13-54).
- ZAHRT, MERTON S., Assistant to the Dean of Men, in Student Activities on 58/100 time and in Student Hospital and Medical Services on 25/100 time, in the Chicago Undergraduate Division, one year beginning September 1, 1954, \$5000 (10-13-54).
- ZIELINSKI, VICTOR J., Clinical Instructor in Psychiatry, in the College of Medicine, eleven months beginning October 1, 1954, without salary (10-6-54).

GRADUATE FELLOWS

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

- CAVALLO, JOHN J., Rockefeller Foundation Fellow in Bacteriology, eleven months beginning September 16, 1954, \$1650 (9-28-54).
- FERGUSON, EVA D., United States Public Health Service Fellow in Psychology, in the College of Medicine, one year beginning September 1, 1954, \$2000 (10-13-54).
- FROELICH, DEAN K., United States Public Health Service Fellow in Psychology, nine months beginning September 16, 1954, \$1600 (10-12-54).

- LEVINE, SEYMOUR, United States Public Health Service Postdoctoral Fellow in Psychology, in the College of Medicine, September 15, 1954-August 31, 1955, \$3600 a year (10-13-54).
- MEDNICK, SARNOFF A., United States Public Health Service Postdoctoral Fellow in Psychology, in the College of Medicine, for one year beginning September 1, 1954, \$3000 (10-13-54).
- MORTLOCK, ROBERT P., Rockefeller Foundation Fellow in Bacteriology, eleven months beginning September 16, 1954, \$1650 (9-28-54).
- OTIS, LEON S., United States Public Health Service Fellow in Psychology, in the College of Medicine, for one year beginning September 1, 1954, \$2000 (10-13-54).
- RAND, NISSAN T., Armour and Company Fellow in Food Technology, one year beginning September 1, 1954, \$1550 (9-23-54).
- SHAPIRO, MRS. ELAINE, United States Public Health Service Fellow in Psychology, in the College of Medicine, one year beginning September 1, 1954, \$2000 (10-13-54).
- SMITH, ROBERTS A., E. I. DuPont de Nemours and Company Fellow in Bacteriology, nine months beginning September 16, 1954, \$2100 (9-21-54).
- TRIPP, WILSON, Trane Company Fellow in Mechanical Engineering, nine months beginning September 16, 1954, \$1144 (10-1-54).
- ZACK, JOHN F., JR., Texas Company Fellow in Chemistry, nine months beginning September 16, 1954, \$1620 (10-6-54).

RESIGNATIONS AND DECLINATIONS

- APPLETON, JOSEPH H., Research Associate in Civil Engineering — resignation effective 9-1-54.
- AVERY, HARRY C., Fellow in History — resignation effective 9-16-54.
- BARATZ, J. JOSEPH, Clinical Assistant Professor of Pediatrics, in the College of Medicine — resignation effective 7-1-54.
- BERNSTEIN, LIONEL, Instructor in Medicine, in the College of Medicine — declination effective 9-1-54.
- BHALERAO, V. R., Armour and Company Fellow in Food Technology — declination effective 9-1-54.
- BISSELL, DOROTHY ANN, Instructor in Home Economics (C) — resignation effective 9-1-54.
- BLACKMAN, LEONARD S., Research Assistant in Psychology — resignation effective 9-1-54.
- BURROS, RAYMOND H., Assistant Professor of Psychology — declination effective 9-1-54.
- CALLOWAY, NATHANIEL O., Clinical Assistant Professor of Medicine, in the College of Medicine — declination effective 9-1-54.
- CHAMBERLIN, WALTER J., Instructor in Business English — resignation effective 9-1-54.
- CHILDS, MORRIS E., Research Associate in Mechanical Engineering — resignation effective 9-1-54.
- CROOKS, M. JOYCE, Fellow in History — resignation effective 9-16-54.
- CROUSE, HOMER L., Instructor in Management — resignation effective 9-1-54.
- CROVETTI, ALDO J., JR., Parke, Davis and Company Fellow in Chemistry — resignation effective 9-16-54.
- FRIEDMAN, MARVIN H., Research Associate in Physics — resignation effective 8-15-54.
- GROSSMAN, MRS. PATRICIA B., Instructor in Medical Social Work, in the College of Medicine — resignation effective 9-1-54.
- HAWKINS, HILMA L., Instructor in Medical Social Work, in the College of Medicine — resignation effective 10-6-54.
- HEYDEMANN, JULIUS, Assistant Professor of Radiology, in the College of Medicine — resignation effective 9-1-54.
- HODGELL, MURLIN R., Assistant Professor of Agricultural Engineering — resignation effective 10-1-54.
- HUNT, ROWLAND D., Research Assistant in Aeronautical Engineering — resignation effective 9-4-54.
- KAUFMAN, JEROME D., Clinical Assistant in Obstetrics and Gynecology, in the College of Medicine — resignation effective 7-16-54.

- KIM, PO-HYUN, Fellow in Art — resignation effective 9-16-54.
- KIRKPATRICK, ALICE C., Assistant Professor of Business Law — resignation effective 9-1-54.
- KLARE, GEORGE R., Research Associate in Psychology — resignation effective 9-1-54.
- KUDLICH, ROBERT A., Research Assistant in the Digital Computer Laboratory, in the Graduate College — resignation effective 10-1-54.
- LOTHROP, RICHARD P., Assistant Dean of Men — resignation effective 10-1-54.
- LUTHER, CALVIN C., Assistant in Physical Education for Men — declination effective 9-16-54.
- MALLO, MRS. DOLORES D., Clinical Instructor in Neuropsychiatric Nursing, in the School of Nursing — resignation effective 9-1-54.
- MARSHALL, WILLIAM H., Research Associate in Pharmacology, in the College of Medicine — resignation effective 9-1-54.
- MAXEY, GEORGE W., Assistant Professor of Business Management — resignation effective 11-1-54.
- MCCLEARY, GORDON L., Safety Specialist with rank of Instructor, in the Extension Service in Agriculture and Home Economics — resignation effective 10-1-54.
- MCILRATH, PATRICIA, Assistant Professor of Speech — resignation effective 9-1-54.
- MIKKELSEN, ROBERT S., Assistant in English — resignation effective 9-16-54.
- MOLTZ, HOWARD, Research Associate in Psychology — resignation effective 9-1-54.
- MORRISON, STANLEY R., Research Associate in Electrical Engineering — declination effective 9-1-54.
- MYRAN, CHARLES, Clinical Instructor in Psychiatry, in the College of Medicine — resignation effective 6-1-54.
- NEE, MICHAEL J., Assistant in Mechanical Engineering — resignation effective 6-16-54.
- PAK, KI HYUK, Booth Fellow in Agricultural Economics — resignation effective 9-1-54.
- PLANKENHORN, WILLIAM J., Research Associate Professor of Ceramic Engineering — resignation effective 10-16-54.
- RAPPAPORT, JULIA W., Clinical Instructor in Nursing — resignation effective 10-1-54.
- RAYNER, SAMUEL A., Fellow in Education — resignation effective 10-1-54.
- SHU, KOU-YING, Wright Fellow in Horticulture — resignation effective 9-16-54.
- STAUFFER, SARA A., Fellow in French — resignation effective 9-16-54.
- STROHL, EVERETT L., Clinical Associate Professor of Surgery, in the College of Medicine — resignation effective 8-13-54.
- TAYLOR, EDWARD C., JR., Assistant Professor of Organic Chemistry — resignation effective 9-1-54.
- TORRENS, JOHN K., Clinical Assistant Professor of Psychiatry, in the College of Medicine — resignation effective 9-1-54.
- WAIBLER, PAUL J., Research Associate in Mechanical Engineering — resignation effective 9-16-54.
- WARREN, ALICE, Fellow in Botany — resignation effective 9-16-54.
- WITTER, RALPH E., Assistant Professor of Veterinary Clinical Medicine, in the College of Veterinary Medicine — resignation effective 10-21-54.
- WONES, EDWARD, JR., Clinical Instructor in Ophthalmology, in the College of Medicine — resignation effective 9-1-54.
- ZACK, JOHN F., JR., Parke, Davis and Company Fellow in Chemistry — resignation effective 9-16-54.

LEAVES OF ABSENCE

- CUTSHALL, ALDEN D., Associate Professor of Social Sciences, in the Chicago Undergraduate Division — leave of absence with pay from September 1-December 7, 1954, and without pay from December 8, 1954-January 31, 1955, on account of disability.
- DELONG, C. C., Bursar in the Business Office and Assistant Professor of Accountancy — leave of absence without pay for varying periods from October 1 through December 31, 1954, so that he may assist the American Council on Education in setting up an office for institutional projects abroad.
- GAA, CHARLES J., Professor of Accountancy — leave of absence without pay, beginning September 1, 1954, and continuing through August 31, 1955, in order that he may serve as Director of the Advanced Training Center of the Internal Revenue Service of the United States Treasury Department.

- HARSHBARGER, KENNETH E., Assistant Professor of Dairy Production—leave of absence without pay beginning October 1, 1954, and continuing through July 31, 1955.
- HINCHCLIFF, KEITH H., Professor of Farm Structures (Agricultural Engineering)—leave of absence extended through December 31, 1955, so that he may continue his assignment with the Housing and Home Finance Agency of the United States Department of State on a mission to Indonesia.
- STILLWELL, GARDINER B., Assistant Professor of English—leave of absence on full pay for the first semester of 1954-55 on account of his health.
- THOMPSON, JAMES R., Clinical Assistant Professor of Pathology, in the College of Medicine—leave of absence without salary beginning October 16, 1954, and continuing through June 30, 1955, for military service.

DEGREES CONFERRED

The Secretary presented for record the following list of degrees conferred at Urbana on October 15, 1954.

Summary

Degrees in the Graduate College:

Doctor of Philosophy.....	118
Doctor of Education.....	12
Master of Arts.....	8
Master of Science.....	24
Master of Music.....	1
Master of Education.....	1
Advanced Certificate in Education.....	1
<i>Total, Graduate College.....</i>	<i>(165)</i>

Baccalaureate Degrees:

Bachelor of Science, College of Commerce and Business Administration..	5
Bachelor of Architecture, College of Fine and Applied Arts.....	2
Bachelor of Science, College of Fine and Applied Arts.....	1
Bachelor of Fine Arts, College of Fine and Applied Arts.....	1
<i>Total, Baccalaureate Degrees.....</i>	<i>(9)</i>
<i>Total, Degrees Conferred.....</i>	<i>174</i>

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Agricultural Economics

- BARKAT ALI AZHAR, B.S., Agricultural College, Pakistan, 1948; M.S., A.M., 1952, 1953
- CLARENCE P. SCHUMAIER, A.B., Southern Illinois University, 1948; B.S., M.S., 1950, 1951

In Agronomy

- KAZYS CHARLES LABANAUSKAS, Diploma Agriculturist, University of Stuttgart (Germany) 1947; M.S., 1953
- HARIHAR NATH MEHROTRA, B.S., Allahabad Agricultural Institute, 1945; M.S., University of Allahabad, 1947
- JACK LOREN NELSON, A.B., Brigham Young University, 1950
- HERBERT LESTER PORTZ, B.S., M.S., University of Wisconsin, 1948, 1951
- MILTON DAVIS SHULMAN, B.S., M.S., 1950, 1951

In Animal Nutrition

- HANS FISHER, B.S., Rutgers University, 1950; M.S., University of Connecticut, 1952

In Animal Science

- WACO WORTHY ALBERT, B.S., University of Nebraska, 1948; M.S., Oklahoma Agricultural and Mechanical College, 1949
- DON IRVIN GARD, B.S., University of Nebraska, 1950; M.S., Oklahoma Agricultural and Mechanical College, 1952
- DUANE EARL ULLREY, B.S., M.S., Michigan State College, 1950, 1951

In Botany

- WILLIAM ALEXANDER BRUN, B.S., University of Miami, 1950; M.S., 1951
 EDWARD HAROLD COE, JR., B.S., M.S., University of Minnesota, 1949, 1951
 GOURI RANI GHOSH, B.S., Ravenshaw College, 1943; M.S., Patna University, 1950
 WALTER WEBB HECK, B.S., Ohio State University, 1947; M.S., University of Tennessee, 1950
 HAROLD HERMAN KUEHN, A.B., Montana State University, 1950; M.S., 1952
 FRANKLIN CHARLES LANE, B.S., Wheaton College, 1949; M.S., 1951
 ROBERT WILLIAM LICHTWARDT, A.B., Oberlin College, 1949; M.S., 1951
 MEI LIN, B.S., National Tsing Hua University, 1948
 IRWIN BERNARD PERLIS, A.B., University of California, 1950; M.S., 1952

In Business

- FRANK MYRON BASS, JR., B.B.A., Southwestern University, 1949; M.B.A., University of Texas, 1950

In Chemical Engineering

- SHELDON KAYE FRIEDLANDER, B.S., Columbia University, 1949; M.S., Massachusetts Institute of Technology, 1950
 JOHN EMILIO ROMANO, B.Ch.E., The City College of New York, 1951; M.S., 1953
 CHUNG YU SHEN, B.Ch.E., National Southwest Associated University, 1942; M.Ch.E., University of Louisville, 1950
 JOHN HENRY SINFELT, B.S., Pennsylvania State College, 1951; M.S., 1953

In Chemistry

- VICTOR DANIEL AFTANDILIAN, A.B., Whitman College, 1951; M.S., 1952
 STANLEY ANTHONY BARTKIEWICZ, B.S., Indiana University, 1951; M.S., 1952
 ALEXANDER BERESNIEWICZ, B.S., Marquette University, 1950
 DARYLE HADLEY BUSCH, A.B., Southern Illinois University, 1951; M.S., 1952
 PAUL LA VERNE COOK, A.B., Hope College, 1950; M.S., 1952
 WILMER RAY CORNMAN, JR., B.S., LaFayette College, 1950
 JAMES WILLIAM CURRIER, B.S., M.S., 1950, 1951
 LOUIS HAROLD DIAMOND, A.B., Southern Illinois University, 1951
 JOHN ROBERT DYER, B.S., Northwestern University, 1950
 FABIAN TIEN-HWA FANG, B.S., National Central University, 1949; M.S., 1952
 ROBERT LEIGH FISCHER, B.S., Northern Illinois State Teachers College, 1950; M.S., 1951
 ARJEH BARUCH GALUN, M.S., Hebrew University, 1948
 STANLEY JENSEN GILL, A.B., Harvard College, 1951
 ROBERT NELSON HAMMER, A.B., A.M., University of Kansas, 1947, 1949
 THEODORE JOSEPH KNEIP, B.Chem., University of Minnesota, 1950; M.S., 1952
 LEWIS IRVIN KRIMEN, B.S., Albright College, 1951; M.S., 1952
 DAVID MILLARD LOCKE, B.S., University of Michigan, 1951; M.S., 1952
 CALVIN LEE LONG, B.S., Wake Forest College, 1948; M.S., North Carolina State College, 1951
 JOHN ANGUS MACDONALD, B.E., M.S., University of Saskatchewan, 1949, 1951
 ROBERT ALLEN OSTERYOUNG, B.S., Ohio University, 1949; M.S., 1951
 ROBERT FREDERICK SYMPSON, B.S., Monmouth College, 1950; M.S., 1952
 PAUL DAVID THOMAS, A.B., Rutgers University, 1949
 MARVIN TUNIS, A.B., Hunter College, 1950; M.S., 1951
 PHILIP ERWIN WIEGERT, B.S., University of Wisconsin, 1950; M.S., 1951

In Civil Engineering

- LEONARD ANDREW HARRIS, B.S., Stanford University, 1950; M.S., 1953

In Classical Philology

- ROY ARTHUR SWANSON, A.B., B.S., A.M., University of Minnesota, 1948, 1949, 1951

In Dairy Science

- KENNETH AMBROSE TABLER, B.S., M.S., West Virginia University, 1948, 1949

In Economics

- BOGDAN MIECZKOWSKI, B.S., University of London, 1950; A.M., 1953
 CHARLES JOHN VANDEWATER, A.B., Hobart College, 1942; A.M., New School for Social Research, 1950

In Education

- MOSTAFA KAMEL BADRAN, B.S., Fouad University, 1943; Dip. Educ., Institute of Education, 1946; M.S., 1952
 EARL EDWARD BALTHAZAR, A.B., University of Kansas, 1941; A.M., University of Connecticut, 1949
 LEONARD S. BLACKMAN, A.B., M.S., Syracuse University, 1950, 1951
 WILLIAM DUNCAN DAVIDSON MCNEILL, B.Ed., Ed.M., University of Saskatchewan, 1949, 1950
 BERNARD MEHL, B.S., M.S., 1949, 1950

In Electrical Engineering

- CLARENCE LEROY COATES, JR., B.S., M.S., University of Kansas, 1944, 1948
 JAMES EDGAR ETTER, B.S., M.S., 1946, 1948
 NICK HOLONYAK, JR., B.S., M.S., 1950, 1951
 CARL THEODORE ADOLF JOHNK, B.S., Shurtleff College, 1941; B.S., Missouri School of Mines, 1942; M.S., 1948
 ALAN DURYEA SUTHERLAND, B.E.E., Cornell University, 1946; M.S., 1949

In English

- JUNE DUDLEY BAILEY, A.B., A.M., Kansas City University, 1942, 1943
 OLIVER WATKINS FERGUSON, A.B., A.M., Vanderbilt University, 1947, 1948
 SIDNEY PHIL MOSS, B.S., A.M., 1950, 1951
 IRIS WESSEL MUELLER, A.B., A.M., Washington University, 1948, 1949
 GEORGE JOHN WORTH, A.B., A.M., University of Chicago, 1948, 1951

In Entomology

- ELLERY WALTER FRENCH, B.S., Rhode Island State College, 1948; M.S., University of Hawaii, 1950
 CLIFFORD WESTER, A.B., Bucknell University, 1926; M.S., University of Wisconsin, 1941

In Food Technology

- HAROLD WILLARD ADAMS, B.S., 1950

In French

- ELAINE FRANCINE CHARLOTTE NEWKIRK, A.B., A.M., 1947, 1948

In Geology

- EDWARD CHARLES JONAS, B.S., Rice Institute, 1944; M.S., 1952
 NORMAN FREDERICK SOHL, B.S., M.S., 1949, 1951

In History

- JAMES FREDERICK HOOD, A.B., A.M., 1951
 EARL AARON REITAN, A.B., Concordia College, 1948; A.M., 1950
 GEORGE CARL SCHOTTENHAMER, A.B., North Central College, 1941; A.M.(Hist.), A.M.(Educ.), 1947, 1951

In Mass Communications

- IRVING RODGERS MERRILL, A.B., Cornell University, 1941; M.S., 1952
 WILSON LEWIS TAYLOR, A.B., Morningside College, 1930; A.M., University of Iowa, 1937; M.S., Tulane University, 1951

In Mathematics

- WILLIAM G. ROSEN, B.S., M.S., 1943, 1947
 JAMES HAROLD TURNOCK, JR., B.S., M.S., 1948, 1949

In Mechanical Engineering

- MOHAMED ALAELDIN EL-HIFNI, B.S., Farouk I University, 1948; M.S., 1951

In Metallurgical Engineering

ALFONSO MERLINI, Laurea in Physics, University of Pisa, 1948

In Physico-Chemical Biology

THOMAS R. PUNNETT, JR., B.S., Yale University, 1950

In Physics

JOHN FRANCIS COCHRAN, A.B., A.M., University of British Columbia, 1950, 1951
MEYER GARBER, B.S., University of Pennsylvania, 1949; M.S., 1950
WILLIAM MARSHALL MOELLERING, B.S., California Institute of Technology, 1949; M.S., 1951
THOMAS NOLEN MORGAN, A.B., Oberlin College, 1948; A.M., 1949
RICHARD EVERETT MOULD, B.S., Massachusetts Institute of Technology, 1948; M.S., 1952
HARRY MORITZ SCHEY, B.S., Northwestern University, 1950; A.M., Harvard University, 1951

In Physiology

WILLIAM ADAM BOYD, B.S., M.S., Pennsylvania State College, 1949, 1950
IRA JAY LICHTON, Ph.B., University of Chicago, 1947; B.S., M.S., 1950, 1951
ANDREW A. PANDAZI, B.S., Loyola University, 1948; M.S., 1950

In Plant Pathology

PATRICK MARTIN MILLER, B.S., M.S., 1950, 1952
BERT MERTON ZUCKERMAN, B.S., North Carolina State College, 1948; M.S., New York State College of Forestry, 1949

In Political Science

WILLIAM SPENCER HARDENBERGH, A.B., A.M., 1950, 1951

In Psychology

LOUIS CLYDE ATE, JR., B.S., Ed.M., Colorado Agricultural and Mechanical College, 1948, 1949
JONATHAN WALKLEY CUMMINGS, A.B., University of Vermont, 1949
EDGAR MARION HAVERLAND, A.B., A.M., 1949, 1954
EDWIN DAVID LAWSON, A.B., A.M., 1948, 1949
MELVIN MANIS, A.B., Franklin and Marshall College, 1951
THOMAS CHURCHILL ROWAN, A.B., A.M., 1950, 1951
HANS SCHMIDT, JR., A.B., University of Chicago, 1947; B.S., Northwestern University, 1949; A.M., University of North Carolina, 1951
MILAN TOMSOVIC, B.A., University of Colorado, 1949

In Sociology

ROBERT ELSON CORLEY, A.B., Illinois Wesleyan University, 1942; A.M., 1948

In Spanish

WALTER BORENSTEIN, B.S., A.M., 1948, 1949
JAMES GERALD MARKLEY, A.B., Central State College (Edmond, Oklahoma), 1937; A.M., University of Oklahoma, 1939
WELTON JERRY SENSING, A.B., Millsaps College, 1930; A.M., University of Alabama, 1947
LOUISE HATCH WESTER, A.B., A.M., University of Kansas, 1945, 1946

In Speech

JOSEPH GOLDEN, A.B., Tufts College, 1951; A.M., Indiana University, 1952
NEWMAN GUTTMAN, A.B., University of Minnesota, 1949; A.M., 1951
LAURA VIRGINIA HOLLAND, A.B., 1938; A.M., University of Michigan, 1941
CHARLES LEE HUTTON, JR., A.B., A.M., University of Pittsburgh, 1949, 1951
FRANCIS KODMAN, JR., B.S., A.B., A.M., University of Pittsburgh, 1949, 1950, 1951

JAY MELROSE, A.B., A.M., Queens College, 1948, 1951; A.M., 1953
 LAEL JAY WOODBURY, B.S., Utah State Agricultural College, 1952; M.S., Brigham Young University, 1953

In Zoology

DONALD CHARLES GOODMAN, B.S., M.S., 1949, 1950

Degree of Doctor of Education

In Education

WILLIAM HENRY BLATNIK, B.Ed., Illinois State Normal University, 1939; M.S., 1947
 FRANCIS ROBERT BROWN, B.Ed., Illinois State Normal University, 1937; A.M., Columbia University, 1940
 CHARLES ELTON BURLESON, B.S., Mississippi Southern College, 1939; M.S., Ed.M., 1950, 1951
 GORDON WESLEY FIELDER, JR., B.S., University of Kansas, 1940; M.S., Ed.M., 1941, 1951
 RUDOLF EUGENE LEASMAN, B.Ed., Illinois State Normal University, 1932; M.S., Ed.M., 1939, 1951
 HERBERT JOHN MAX, B.S., University of Chicago, 1933; M.S., Ed.M., 1939, 1952
 ROBERT ELMER POTTER, A.B., Ed.M., Ohio University, 1947, 1948
 SAMUEL ALAN RAYNER, A.B., A.B., A.M., University of Queensland, 1942, 1943, 1947; B.Ed., Ed.M., University of Melbourne, 1949, 1953
 ARTHUR BYRON WARD, B.S., Montana State College, 1938; A.M., Michigan State College, 1947
 MORVIN ALBERT WIRTZ, B.S., Ed.M., Milwaukee State Teachers College, 1942, 1951

In Music Education

ROBERT WILLIAM HOUSE, B.F.A., Oklahoma Agricultural and Mechanical College, 1941; M.Mus., Eastman School of Music, 1942
 JOHN WILLIAM SHEPARD, B.Mus., University of Wisconsin, 1932; M.Mus., Eastman School of Music, 1938

Degree of Master of Arts

In English

RAQUEL BELLO-VALDERRAMA, Teacher of English, University of Concepción (Chile), 1948
 DAVID LOUIS JOEL, A.B., 1952
 HAROLD GALE PREHN, A.B., Washington University, 1947

In Labor and Industrial Relations

IRVING LOUIS GIESSER, A.B., Millikin University, 1953
 ERNEST LOUIS HOFFMAN, JR., B.S., Springfield College, 1952
 JOSEPH JAMES JOYCE, A.B., DePaul University, 1951
 GEORGE ASIL MANN, B.S., 1951

In Political Science

THOMAS RUSSELL REID, B.S., 1946

Degree of Master of Science

In Accountancy

RALPH ANTHONY BOSCH, B.S., John Carroll University, 1953
 HUGO KAHN, B.S., University of Omaha, 1953

In Aeronautical Engineering

ROWLAND DELVILLE HUNT, B.S., Bristol University, 1953

In Agricultural Engineering

EDWARD GEORGE BRUNS, B.S.(Agr.), B.S.(C.E.), University of Wisconsin, 1936, 1937

In Architectural Engineering

SCOTT WALLACE, B.S., Miami University, 1952

In Bacteriology

SISTER MARY PAULINUS DWYER, B.S., Edgewood College, 1943

In Chemical Engineering

JOSEPH LAWRENCE HOLMAN, B.S., University of Missouri, 1953

In Civil Engineering

WILLIAM SHORES BEAM, B.S., Norwich University, 1952.

In Dairy Science

UDHISHTRA DEVA SHARMA, B.V.S., Punjab Veterinary College, 1948

In Economics

BEN MAJOR ALVORD, B.S., Alabama Polytechnic Institute, 1951

In Education

BESSIE OPAL WASSON BURLESON, B.S., Mississippi State College for Women, 1939

In Food Technology

MAHMOUD HELMY CHAHINE, B.S., Fouad First University, 1952

In Geography

HOMER WENDELL HISER, B.S., 1951

In Horticulture

JOAN HILDA DALHEIM, B.S., Cornell University, 1953

In Journalism

FRANK HAROLD ABRAHAMSON, B.S., Colorado State College, 1953

HAROLD EUGENE HILL, B.S., 1940

In Library Science

MARGUERITE SARA KAUFMAN, A.B., Carthage College, 1935; B.S. (Lib. Sci.), 1944

PHILIP JOHNSON SCHNEIDER, A.B., Lawrence College, 1949

In Management

ROBERT LEE RANDOLPH, A.B., DePauw University, 1948

In Marketing

WAYLAND AVERY TONNING, B.S., 1953

In Physical Education

LEO TIMOTHY KILFOY, B.S., St. Ambrose College (Iowa), 1951

WILLIAM ANDREW ROBERT ORBAN, B.S., McGill University, 1949

In Plant Pathology

JACK FISK REINHARDT, B.S., Michigan State College, 1950

In Theoretical and Applied Mechanics

JO DEAN MORROW, B.S., Rose Polytechnic Institute, 1950

Degree of Master of Music

CALVERT BEAN, JR., B.Mus., Eastman School of Music, 1949

Degree of Master of Education

JAMES GORDON BICKET, B.S., 1949

Advanced Certificate in Education

RALPH EDWARD MASON, B.Ed., Illinois State Normal University, 1940; A.M., Northwestern University, 1948

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

MARY ELIZABETH MCKINNIE

In Commerce and Law

RONALD MORTON GLINK, with Honors

In Management

WILLIAM JAMES O'BRIEN

In Marketing

BRUNO ERNEST BRUZGULIS

In Secretarial Training

KAREN JEANNE HOLMES

COLLEGE OF FINE AND APPLIED ARTS**Degree of Bachelor of Architecture**

WILLIAM GLEN CUMMINGS

JOSEPH M. KOURAKIS

Degree of Bachelor of Science*In Architectural Engineering*

RICHARD DALE SMITH

Degree of Bachelor of Fine Arts*In the History of Art*

SARAH ANNE ROACH, with Honors

MINUTES APPROVED

The Secretary presented the minutes of the meetings of the Board of Trustees of June 21, 1954, and July 26, 1954, press proof copies of which have previously been sent to the members of the Board.

On motion of Mrs. Watkins, these minutes were approved as printed on pages 1365 to 1712 (June), and 1 to 44 (July), inclusive.

**ADDRESSES BY DIRECTOR R. W. FLEMING AND
DEAN JOSEPH R. SMILEY**

At the conclusion of the regular order of business, the President of the University introduced Director R. W. Fleming of the Institute of Labor and Industrial Relations and Dean Joseph R. Smiley of the College of Liberal Arts and Sciences, who addressed the Board on the state of their respective divisions.

NOVEMBER MEETING

No date was set for the regular November meeting, it being left to the President of the Board to call this subject to the five days' notice required in the By-Laws.

On motion of Mr. Livingston, the Board adjourned.

A. J. JANATA
Secretary

H. B. MEGHAN
President