

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

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**October 21, 1948**



The October meeting of the Board of Trustees of the University of Illinois was held at 9:30 a.m. on Thursday, October 21, 1948, at the Illini Center, in the LaSalle Hotel, in Chicago, according to the following schedule:

9:30 a.m. — Executive session as in Committee of the Whole.

4:30 p.m. — Open session.

The following members were present: President Fornof, General Davis, Mrs. Holt, Mr. Livingston, Dr. Luken, Mr. McKelvey, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mr. Williamson.

President Stoddard was present; also Vice-President A. C. Ivy, Provost C. R. Griffith, Assistant to the President A. J. Janata, Secretary H. E. Cunningham, Treasurer I. L. Porter, Comptroller Lloyd Morey, Legal Counsel W. E. Britton; and, during part of the day, Mr. Newton C. Farr and Professor W. C. Huntington, Chairman of the Building Program Committee.

## EXECUTIVE SESSION

### MATTERS PRESENTED BY PRESIDENT STODDARD

The Board considered the following matters presented by the President of the University.

#### CHICAGO HOUSING PROJECTS

(1) I have asked Dr. Ivy and Mr. Farr to be present to discuss the status of housing projects in the medical district.

Dr. Ivy stated that it was important that the Board act on these matters as soon as possible. Mr. Farr outlined the four projects for student and staff housing in the area. He stated that the plan for the Urbana staff housing project had been chosen instead of the plans used by the Illinois Institute of Technology. Mr. Farr recommended, in view of the requirements to obtain a loan for construction, that a lease of any part of the land on which the housing project was to be built was not acceptable, and that the land should be purchased from the Medical Center Commission. Mr. Farr recommended also that a contract for architectural services be made with Skidmore, Owings, and Merrill (for action, see page 145).

On motion of Mr. Nickell, the following resolution was adopted.

*Whereas*, the University of Illinois and the University of Illinois Foundation are now contemplating the acquisition of land from the Medical Center Commission for the purpose of erecting thereon an apartment building in the Medical Center District for the use of students and staff of the University of Illinois; and

*Whereas*, the Medical Center Commission has proposed that its conveyance of land to the University or to the Foundation take the form of a long-term lease by the Medical Center Commission to the University of Illinois or to the University of Illinois Foundation instead of a conveyance in fee simple; and

*Whereas*, it is deemed objectionable by the University that any building intended for its use, whether the title to the land and building is to be held by the University directly or indirectly through the University of Illinois Foundation, be erected on land leased to the University or to the Foundation,

*Therefore, Be It Resolved*, that it is hereby declared as a matter of general policy, and with particular reference to the proposal of the Medical Center Commission to lease land for building purposes to the University or to the University of Illinois Foundation, that land to be so acquired by the University or by the University of Illinois Foundation for University building purposes from the Medical Center Commission or other persons shall be acquired in fee simple only, subject only, in the case of the Medical Center Commission, to statutory limitations.

#### REPORT OF THE EXECUTIVE COMMITTEE

##### Employment of William H. Butterfield as Manager of the University of Illinois Foundation

(2) Several months ago Mr. Frank E. Bell submitted his resignation as Manager of the University of Illinois Foundation effective July 1, 1948, in order to accept a position at Williams College.

After interviewing a number of candidates for this position, officers of the Foundation and the President of the University selected Mr. William H. Butterfield, Vice-President of DePauw University. By authority of the Directors of the Foundation and with the approval of the President of the University, he has been appointed Manager effective October 15, 1948.

In discussing the terms of his employment it was agreed by the officers of the Foundation and the President of the University that Mr. Butterfield should receive a salary of \$12,000 a year, the Foundation paying \$7,500, and the University paying \$4,500 for special services to be assigned him by the President of the University.

The Executive Committee of the Board of Trustees has authorized this appointment, so far as the University is concerned, and recommends that the Board assign \$4,500 a year from the budget reserve for this position.

This report was received for record.

**EMPLOYMENT OF SPECIAL COUNSEL**

(3) The Legal Counsel has requested authority to employ outside counsel to assist him in the preparation for and trial of cases now pending and to help in work on the appeal of these cases to the Supreme Court, if necessary, and to handle negotiations in an effort to settle out of court the controversy with the Warner Construction Company.

There are four cases pending in Cook County. Another one is soon to be started. One case is pending in De Kalb County, one in Piatt County, and one in Champaign County. One case from Champaign County has reached the Supreme Court, briefs are to be written, one case is in the Court of Claims and one is before the Illinois Commerce Commission.

The bulk of the work of the Legal Counsel's office concerns the review and approval of contracts, the handling of claims for compensation under the Workmen's Compensation Law, the writing of legal opinions, and conferences on the legal aspects of various kinds of transactions.

I recommend that the Legal Counsel be authorized to employ outside counsel in these and similar cases, as they arise, subject to the approval of the Board of Trustees.

On motion of Mr. Davis, this recommendation was adopted.

**EMPLOYMENT OF REAL ESTATE NEGOTIATOR**

(4) At the meeting of the Board of Trustees on September 23, 1948, a question was raised about the broker employed in the purchase of real estate properties.

The Board of Trustees on March 13, 1945 (Minutes, page 413), authorized the employment of Mr. Sidney B. Trelease as a negotiator in the acquisition of properties. Champaign-Urbana real estate brokerage fees are 5 per cent of the first \$10,000 and 2 per cent of the balance. Mr. Trelease offered to serve as negotiator at a flat rate of \$250 a parcel of property.

During the past two years the University has purchased a number of residence properties for faculty housing. The negotiations for the acquisition of these properties were carried on as follows:

I. Properties negotiated by Mr. Sidney B. Trelease:

<i>Property</i>	<i>Former Owner</i>
1108 West Green.....	William F. Schulz
1001 West Nevada.....	Chester W. Richards
608 West Church.....	Lloyd Wise
709 West Michigan.....	Warren A. Ruth
Mr. Trelease was paid by the University \$250 for his services in each of these negotiations.	
508 Ridgeway.....	Leland Haworth
206 West Vermont.....	G. LeRoy Porter
305 North Prospect.....	Ruth Rockwood
Mr. Trelease was paid a brokerage fee by the sellers of these properties.	

II. Negotiations conducted by the former owners, no commissions being paid:

<i>Property</i>	<i>Former Owner</i>
302 West Vermont.....	William Habberton
407 West Washington.....	Edwin Park
207 West Washington.....	R. D. Carmichael
301 West Pennsylvania.....	Robert Thompson
701 West Delaware.....	Charles E. Odegard
710 Indiana.....	Gordon Phillips
1116 West Illinois.....	Munice O. Bachman

III. Negotiations conducted by real estate brokers other than Mr. Trelease representing the former owners:

610 Haines.....	Robert Patterson
601½ East Springfield.....	Elmer and June M. Melchi

This report was received for record.

### ACADEMY FOR UNITED STATES AIR FORCE

(5) United States Air Force authorities are preparing plans and enabling legislation for the establishment of an Air Force Academy similar to the service academies at West Point and Annapolis. It is anticipated that an interim academy will be established to operate on a small scale with approximately 200 to 300 cadets before completion of the Air Force Academy at its permanent site.

I have invited the authorities of the Air University at Maxwell Field, Alabama, who are preparing the plans for the Air Force Academy, to establish the interim academy at the University of Illinois. I request that the Board confirm my action and also authorize officials of the University to carry on the negotiations with United States Air Force officials if the latter will consider the offer.

On motion of Mr. Davis, the action of the President of the University was confirmed and he was authorized to do everything possible to secure the establishment of this academy at the University of Illinois.

### REQUEST FROM PRESIDENT OF THE UNIVERSITY FOR A LEAVE OF ABSENCE

(6) The Third Session of the General Conference of the United Nations Educational, Scientific and Cultural Organization will meet in Beirut, Lebanon, from November 17 to December 11. I have been appointed one of the United States delegates to this session. I am also the American member of the Executive Board of UNESCO which will meet in Istanbul November 11 and 12 through the Beirut sessions.

I request a leave of absence with adjusted salary from November 6 to December 14, 1948.

On motion of Mr. Williamson, this leave was granted, on the terms requested.

### BIENNIAL BUDGET FOR 1949-1951

(7) I present my recommendations for the biennial operating budget of the University of Illinois for the two years beginning July 1, 1949, covering all funds for which appropriations are made by the General Assembly. This estimate is submitted as the proposed basis for the budget to be filed with the Department of Finance by November 1, 1948, as required by law.

Several months ago, deans, directors, and general administrative officers were requested to submit estimates of needs for the coming biennium. These estimates were assembled and carefully studied in the offices of the Provost and the Comptroller. They were then submitted to the University Council for discussion.

After a review of these estimates and consideration of the problems of the next biennium as set forth below, I recommend a total operating budget for 1949-1951 of \$72,271,742. Of this amount, the sum of \$56,271,742 would come from tax funds of the State and the sum of \$16,000,000 from the University's own income.

For the 1947-1949 biennium, the total was \$60,083,818, with \$17,000,000 derived from the University's own income deposited in the State Treasury. The reduction of this item is related to the decrease in the number of veterans. From State tax funds, the present appropriation is \$43,083,818.

The increase of \$12,187,924 is needed for the following purposes:

	<i>Per Year</i>	<i>Biennial Total</i>
For Academic Staff Additions.....	\$ 713 015	\$ 1 426 030
For Nonacademic Staff Additions (salary and wage staff).....	468 056	936 112
<i>Total Staff Additions.....</i>	<i>(1 181 071)</i>	<i>(2 362 142)</i>
Salary and Wage Increases (increases in rate of compensation):		
Academic and Administrative Staff.....	1 491 623	2 983 246
Nonacademic Salary and Wage Staff.....	888 222	1 776 444
<i>Total Salary and Wage Increases.....</i>	<i>(2 379 845)</i>	<i>(4 759 690)</i>
Expense and Equipment (recurring).....	622 425	1 244 850
University Retirement System.....	395 710	791 420
Nonrecurring Equipment.....	401 786	803 572
<i>Total Increase Over 1948-1949 Budget.....</i>	<i>\$4 980 837</i>	<i>\$9 961 674</i>



Increase Necessary to Continue Present Internal Budget  
to Next Biennium Due to the Fact That the 1948-  
1949 Budget Exceeds One-half of the Biennial 1947-  
1949 Appropriation .....

	<u>1 113 125</u>	<u>2 226 250</u>
Total .....	\$6 093 962	\$12 187 924

The tentative distribution of this increase by location is as follows:

	<i>Per Year</i>
Urbana-Champaign including state-wide extension and other services .....	\$3 384 776
Chicago Professional Colleges .....	818 037
Chicago Undergraduate Division .....	275 681
Galesburg Undergraduate Division .....	106 633
University Retirement System .....	395 710
<i>Total Increase Over 1948-1949 Budget</i> .....	<u>\$4 980 837</u>

The foregoing figures do not include, in either biennium, the budget of the Division of Services for Crippled Children, appropriations for which are made to the University (see page 145).

### SCHEDULE A

#### BIENNIAL BUDGET FOR 1949-1951 SUMMARY OF INCREASES BY LOCATION<sup>1</sup>

	<i>Internal Budget 1948-1949</i>	<i>Increase Requested<sup>2</sup></i>	<i>Total Budget Requested</i>
Educational and General:			
Urbana-Champaign .....	\$18 366 083	\$ 3 384 776	\$21 750 859
Chicago Professional Colleges .....	5 492 837	818 037	6 310 874
Chicago Undergraduate Division .....	2 495 519	275 681	2 771 200
Galesburg Undergraduate Division .....	1 301 136	106 633	1 407 769
University Retirement System .....	394 099	395 710	789 809
<i>Total Educational and General</i> .....	(28 049 674)	(4 980 837)	(33 030 511)
Auxiliary Activities and Other Non- educational .....	<u>3 105 360</u>	.....	<u>3 105 360</u>
<i>Total Annual Budget</i> .....	\$31 155 034	\$ 4 980 837	\$36 135 871
	<u>×2</u>	<u>×2</u>	<u>×2</u>
<i>Total Biennial Budget</i> .....	\$62 310 068 <sup>3</sup>	\$ 9 961 674	\$72 271 742

#### SUMMARY BY FUND

	<i>State Appropriation 1947-1949</i>	<i>Increase Requested</i>	<i>Appropriation Requested 1949-1951</i>
General Revenue Fund .....	\$43 083 818	\$13 187 924	\$56 271 742
Income Fund .....	17 000 000	-1 000 000	16 000 000
Biennial Appropriation .....	<u>\$60 083 818<sup>2</sup></u>	<u>\$12 187 924</u>	<u>\$72 271 742</u>

<sup>1</sup> All figures are on annual basis except totals and summary by fund.

<sup>2</sup> Distribution by location is subject to adjustment within the total.

<sup>3</sup> 1948-1949 budget is in excess of one-half of the biennial appropriation by \$1,113,125, or \$2,226,250 on a biennial basis.

SCHEDULE B  
BIENNIAL BUDGET FOR 1949-1951  
SUMMARY OF INCREASES BY OBJECT<sup>1</sup>

	<i>Budget 1948-1949</i>	<i>Increase Requested</i>	<i>Total Budget Requested</i>
Staff:			
Academic Staff.....	\$14 104 963	\$ 713 015	\$14 817 978
Nonacademic Staff.....	4 328 116	268 164	4 596 280
Wage Staff.....	4 172 946	199 892	4 372 838
Sub-total.....	(22 606 025)	(1 181 071)	(23 787 096)
Salary Increases:			
Academic Staff.....	.....	1 491 623	1 491 623
Nonacademic and Non-prevailing Wage Rate Groups.....	.....	647 251	647 251
Prevailing Wage Rate Groups.....	.....	240 971	240 971
Total Salary and Wage Rate Increases.....	.....	(2 379 845)	(2 379 845)
Expense and Equipment (recurring)....	5 049 550	622 425	5 671 975
University Retirement System.....	394 099	395 710	789 809
Total Recurring Budget.....	(28 049 674)	(4 579 051)	(32 628 725)
Nonrecurring Equipment.....	.....	401 786	401 786
Total, Educational and General.....	\$28 049 674	\$4 980 837	\$33 030 511
Auxiliary Activities and Other Nonedu- cational.....	3 105 360	.....	3 105 360
Total Annual Budget.....	\$31 155 034	\$4 980 837	\$36 135 871
	×2	×2	×2
Total Biennial Budget.....	\$62 310 068	\$9 961 674 <sup>2</sup>	\$72 271 742

<sup>1</sup> All figures are on an annual basis except totals.

<sup>2</sup> 1948-1949 budget is in excess of one-half of the biennial appropriation by \$1,113,125, or \$2,226,250 on a biennial basis.

## SCHEDULE C

BIENNIAL BUDGET FOR 1949-1951  
TENTATIVE DISTRIBUTION OF INCREASES REQUESTED<sup>1</sup>

	Urbana- Champaign Departments	Chicago Profes- sional Colleges	Chicago Under- graduate Division	Galesburg Under- graduate Division	Total
Staff Additions:					
Academic — 164 persons Urbana; 18 Chicago Professional; 5 Chicago Undergraduate.....	\$ 614 575	\$ 77 590	\$ 20 850	.....	\$ 713 015
Nonacademic — 85 persons Urbana; 26 Chicago Professional; 4 Chicago Undergraduate.....	191 184	68 080	8 900	.....	268 164
Wages — Includes 35 persons Urbana and 25 Chicago Professional; remainder for additional student, temporary, and irregular help (approximately 15 full-time equivalent).....	142 413 (948 172)	56 679 (202 349)	800 (30 550)	.....	199 892 (1 181 071)
Total Staff Additions.....					
Salary Increases:					
Academic — To provide a general adjustment on a merit basis.....	1 156 364	157 955	123 158	\$54 146	1 491 623
Nonacademic Salary and Non-prevailing Wage Rates — To provide a general adjustment on a merit basis.....	306 403	228 837	64 307	47 704	647 251
Prevailing Wage Rates — Estimated amount required to meet increases in prevailing wage rates.....	176 608	29 444	19 548	15 371	240 971
Total Salary and Wage Rate Increases.....	(1 639 375)	(416 236)	(207 013)	(117 221)	(2 379 845)
Expense and Equipment (recurring) (averages 12% over present budget).....	433 029	165 126	37 058	—12 788	622 425
University Retirement System.....	395 710	.....	.....	.....	395 710
Total Recurring Increases.....	\$3 416 286	\$783 711	\$274 621	\$104 433	\$ 4 579 051
Nonrecurring Equipment.....	364 200	34 326	1 060	2 200	401 786
Sub-total.....	\$3 780 486	\$818 037	\$275 681	\$106 633	\$ 4 980 837
Increase necessary to continue present internal budget through next biennium.....	.....	.....	.....	.....	1 113 125
Total Increase on an Annual Basis.....	.....	.....	.....	.....	\$ 6 093 962
Total Increase for the Biennium.....	.....	.....	.....	.....	\$12 187 924

<sup>1</sup> All increases are on an annual basis except total. Distribution by location is subject to adjustment within the total.

President Stoddard, Provost Griffith, and Comptroller Morey discussed the proposed budget presenting detailed explanations of all increases recommended. A formal document explaining in detail the increases was sent to the Board of Trustees in advance of the meeting and a copy is on file with the Secretary of the Board.

During the discussion of this budget, Dr. Meyer took his place with the Board.

On motion of Mr. Livingston, the biennial operating budget was unanimously approved as presented, to be filed as a tentative biennial budget under the State Finance Act, and the President of the University and the President of the Board were requested to take charge of the matter from now on.

#### STATEMENT BY REPRESENTATIVE JOHN K. MORRIS

At this point, the Honorable John K. Morris, Representative from the Twelfth District, was introduced. Mr. Morris urged that provision be made for housing the College of Veterinary Medicine and the Department of Home Economics as soon as possible.

The Board continued its consideration of matters presented by the President of the University.

#### CAPITAL EXPENDITURES BUDGET FOR 1949-1951

(8) I am recommending a capital expenditures appropriation for the 1949-1951 biennium for the Urbana campus of \$36,855,000 and for the Chicago Professional Colleges of \$26,210,000, a biennial total of \$63,065,000 (Schedule A).

As an example of the need for long-range planning, a total of \$38,370,000 (Schedule B) of capital expenditures for both Urbana and Chicago is required immediately after the proposed 1949-1951 program. The recommendations also show further needs for later biennia (Schedule C).

Professor W. C. Huntington, Chairman of the Building Program Committee, reviewed the work of the Committee in preparing the request and discussed the proposals in detail. The complete report of the Building Program Committee was sent to the Board of Trustees in advance of the meeting and a copy is on file with the Secretary of the Board.

#### SCHEDULE A

##### BUILDING PROGRAM FOR URBANA AND CHICAGO CAMPUSES RECOMMENDED BY THE BUILDING PROGRAM COMMITTEE FOR THE 1949-1951 BIENNIUM

October 11, 1948

Estimates, chiefly by Holabird and Root and Burgee, Architects, are based on floor areas recommended by the Committee and include allowances for furniture, laboratory equipment, landscaping, etc., by Physical Plant Department. However, appropriations will control floor areas. Order of listing has no significance.

URBANA CAMPUS		
<i>Project No.</i>	<i>Project</i>	<i>Estimated Cost</i>
1	Biology Building — First Unit.....	\$ 5 300 000
2	Chemistry Building Equipment.....	400 000
3	Architecture Building Addition.....	1 900 000
4	Animal Science Laboratory.....	2 500 000
5	Agricultural Engineering Building Improvement.....	220 000
6	Minor Agricultural Structures.....	240 000
7	Veterinary Medicine — Science Unit.....	1 800 000
8	Physics Laboratory Addition and Repowering.....	1 500 000
9	Law Building.....	2 300 000

10	Educational Laboratories:	
	Elementary Division — First Unit.....	I 100 000
	Psycho-Educational Clinic Division.....	700 000
11	Journalism and Communications Building — First Unit.....	I 100 000
12	Band Building.....	585 000
13	Library Addition.....	660 000
14	Hospital Addition.....	700 000
15	Addition to Armory for Naval Science.....	700 000
16	Student and Staff Housing.....	5 000 000
17	Building Remodeling and Improvement.....	I 800 000
18	Fire Station.....	250 000
19	Power Plant Addition.....	3 500 000
20	Distribution System.....	3 300 000
21	Land.....	I 300 000
<i>Total for Urbana Campus.....</i>		<u>\$36 855 000</u>

## CHICAGO CAMPUS

22	Hospital Addition.....	\$ 8 900 000
23	Dentistry, Medicine, and Pharmacy Building — Second Unit..	6 000 000
24	Experimental Research Station.....	I 300 000
25	Drug Plant Research Station.....	650 000
26	Nurses Residence Hall.....	I 600 000
27	Power Plant and Distribution System.....	6 400 000
28	Building Remodeling and Improvement.....	620 000
29	Land.....	740 000
<i>Total for Chicago Campus.....</i>		<u>\$26 210 000</u>

## Privately Financed Housing:

Student Residence Hall—First Unit.....	(2 200 000)
Staff Apartments.....	<u>(I 800 000)</u>

## TOTAL FOR URBANA AND CHICAGO

CAMPUSES..... \$63 065 000

## SCHEDULE B

## PRIORITY GROUP AA

The call for projects referred to the 1949-1951 biennium. However, it was only possible to include a portion of the most urgent projects in the recommendations for that biennium. For that reason the priority group AA was established. Several of these projects are of almost the same degree of urgency as those included in the recommendations for the 1949-1951 biennium. Order of listing has no significance.

## URBANA CAMPUS

Addition to Chemistry Building for Organic Chemistry.....	\$4 600 000
Music Hall Addition.....	1 100 000
Food Technology Laboratory — First Unit.....	1 100 000
Minor Agricultural Structures.....	240 000
Veterinary Medicine Clinic and Hospital Unit.....	2 600 000
Engineering Library Addition.....	540 000
Educational Laboratories — Secondary Division.....	3 200 000
University Press.....	730 000
Huff Gymnasium Addition.....	630 000
Library Addition.....	1 300 000
Receiving Station and Warehouse.....	160 000
Student and Staff Housing.....	5 000 000
Building Remodeling and Improvements.....	3 400 000
Physical Plant Service Building.....	1 100 000
Utility Distribution System.....	950 000
Land.....	720 000
<i>Total for Urbana Campus.....</i>	<i>\$27 370 000</i>

## CHICAGO CAMPUS

Nurses School .....	\$ 700 000
Cancer Research Institute .....	4 800 000
Chronic Illness and Geriatrics Institute .....	3 200 000
Building Remodeling and Improvements .....	2 000 000
Land .....	300 000
<i>Total for Chicago Campus .....</i>	<i>\$11 000 000</i>
<i>TOTAL FOR URBANA AND CHICAGO CAMPUSES...</i>	<i>\$38 370 000</i>

## SCHEDULE C

## PRIORITY GROUP A

This group includes many urgently needed projects which could not be included in the 1949-1951 Biennium of AA priorities. It also includes projects which are less urgent at present but which are quite certain to become urgent. Also, because of establishing new programs, or for other reasons which are not now apparent, projects which are not included on this list may become urgent. This is especially true if the enrollment is not limited to 20,000. Cost estimates are available for some of these projects but they are not given because marked changes in cost may occur before the projects are actively considered. Order of listing has no significance.

## URBANA CAMPUS

Biology Building — Second Unit  
 Home Economics Building  
 Agricultural Engineering Building — Additional Unit  
 Food Technology Laboratory — Second Unit  
 Dairy Manufacturers Building Addition  
 Minor Agricultural Structures  
 Mining and Metallurgy Building — First Unit  
 Talbot Laboratory Addition  
 Foundry Building and Equipment  
 Electrical Engineering Laboratory Addition  
 Aeronautical Engineering Building  
 Commerce Building  
 Educational Laboratories — Elementary Division, Second Unit  
 Remodeling and Addition to University High School for College of Education  
 Illini Press  
 Women's Gymnasium Addition  
 Aeronautics Education Building  
 Small Homes Council Building  
 Library Addition  
 Health and Physical Education Building  
 Faculty-Graduate Student Center  
 Administration Building Addition  
 Auditorium Remodeling and Addition  
 Service Building — Second Unit  
 Power Plant and Distribution System

## CHICAGO CAMPUS

Women's Hospital

On motion of Mr. Davis, the biennial capital expense budget was unanimously approved as presented, to be filed as a tentative biennial budget under the State Finance Act, and the President of the University and the President of the Board were requested to take charge of the matter from now on.

President Fornof expressed the appreciation of the Board for the careful work of Professor Huntington and his committee.

# REPORT OF THE COMMITTEE ON CHICAGO DEPARTMENTS

Dr. Meyer presented the following report.

A meeting of the Committee on Chicago Departments of the Board of Trustees of the University of Illinois was held at 12 o'clock noon on October 11, 1948, at the Chicago Athletic Club. Dr. Karl A. Meyer, Chairman, Dr. Martin G. Luken, General Chester R. Davis, and Mr. Park Livingston were present; also Mr. H. A. Hazleton, Clerk.

The Committee considered a recommendation from the Physical Plant Department that the firm of Skidmore, Owings, and Merrill be employed as architects for the proposed staff apartment building at the Medical Center Campus at a fee of 5½ per cent of the total cost of plans for the staff apartment building on the Urbana campus to the building at Medical Center. Skidmore, Owings, and Merrill are the architects employed for the faculty apartment building at Urbana.

After discussion of the recommendation the Committee decided that further information was needed before action could be taken on the proposal to employ Skidmore, Owings, and Merrill at a fee of 5½ per cent.

The meeting adjourned until such time as further information could be secured. Since that adjournment, the Chairman of the Committee secured from the Physical Plant Department further detailed information on the work necessary by Skidmore, Owings, and Merrill to adapt the Urbana building plans to the Chicago building.

The Chairman of the Committee also consulted with other architects concerning the proposal and after telephone discussion by the Chairman with Mr. Davis and Dr. Luken, the Committee recommends that Skidmore, Owings, and Merrill be employed as architects for the faculty apartment building on the Medical Center Campus at a fee of 5½ per cent of the cost of the building but that no contract be entered into with Skidmore, Owings, and Merrill until funds are assured for the completion of the building.

H. A. HAZLETON, *Clerk*  
October 20, 1948

KARL A. MEYER, *Chairman*  
MARTIN G. LUKEN  
CHESTER R. DAVIS  
PARK LIVINGSTON

On motion of Dr. Meyer, this report was adopted.

## BIENNIAL BUDGET 1949-1951, DIVISION OF SERVICES FOR CRIPPLED CHILDREN

(9) The Director of the Division of Services for Crippled Children and the Vice-President in charge of the Chicago Professional Colleges recommend the following budget for the biennium of 1949-1951 from State funds:

	<i>Appropriation 1947-1949</i>	<i>Increase Requested</i>	<i>Proposed Budget 1949-1951 Biennium</i>
Hospital and Medical Care.....	\$1 025 000	\$465 000	\$1 490 000
Braces and Appliances.....	57 000	33 000	90 000
Salaries and Wages.....	253 342	175 772	429 114
Office Supplies and Expenses.....	7 580	1 420	9 000
Office Equipment.....	7 500	500	8 000
Contractual Services.....	12 000	12 000	24 000
Travel.....	.....	14 000	14 000
<i>Total.....</i>	<i>\$1 362 422</i>	<i>\$701 692</i>	<i>\$2 064 114</i>

The increase requested for salaries and wages is requested to compensate employees of the Division adequately for the services rendered and to meet the competition for professionally trained staff members. In order to obtain competent personnel in several professional groups, it is necessary to increase the present salary ranges. The nonprofessional staff members must also be more adequately compensated for their services within the Division.

Hospitalization costs during the past biennium have gone up materially. The maximum that the Division has been paying for hospitalization during the present biennium is \$11 a day for Chicago and St. Louis hospitals and \$8 in hospitals

elsewhere in the State. Increasing costs indicate that costs may run as high as \$20 a day in the next biennium, and in the down-state hospitals costs at present are over \$12 a day. The anticipated increase in the cost of hospital care is reflected in the increase requested for the next biennium.

Staff additions of one medical social worker, two nursing consultants, a speech and hearing consultant, and eleven nonprofessional workers are requested for the district offices and the central office staffs in order that the normal growth of this program can be met.

The increase for contractual services results largely from the increased rentals the Division must pay for office space in various localities.

The new item of travel is requested since prior to this time all travel items have been paid for out of federal funds, but due to the decrease in the funds available from the federal government, it is necessary to request an appropriation for this travel from the State of Illinois.

On motion of Mr. McLaughlin, this biennial budget was approved as presented, to be filed as a tentative budget under the State Finance Act.

## OPEN SESSION

### MATTERS PRESENTED BY PRESIDENT STODDARD

The Board considered in open session the following matters presented by the President of the University.

#### BUDGET FOR THE INSTITUTION FOR TUBERCULOSIS RESEARCH

(1) The Sixty-fifth General Assembly of the State of Illinois appropriated to the University of Illinois the sum of \$32,000 for the operation and maintenance expense of the Institution for Tuberculosis Research. The General Assembly also provided that the management of the Institution be vested in a five-man board, two to be appointed by the Board of Trustees of the University, two by the Board of the Municipal Tuberculosis Sanitarium, and the fifth member to be elected by the other four.

The Board of Directors of the Institution has submitted the following budget for the expenditure of this biennium's appropriation during the period of November 1, 1948, to June 30, 1949. The continuation of the program is dependent on the approval by the Legislature of additional appropriations.

1. S. R. Rosenthal, Director.....	G50 <sup>1</sup>	\$ 3 333
2. _____, Assistant Director.....	G100 <sup>1</sup>	3 333
3. Nonacademic Salaries:		
Frederick Prepenbrock, Senior Medical Technologist.....	G <sup>1</sup>	2 200
Elizabeth Lyons, Junior Laboratory Assistant....	G <sup>1</sup>	1 733
Belton Skinner, Animal Caretaker.....	G <sup>1</sup>	1 733
<i>Total Salaries</i> .....		<u>\$12 332</u>
Expense and Equipment.....		<u>19 668</u>
<i>Total</i> .....		<u>\$32 000</u>

I recommend that this budget be approved and that the President of the University be authorized to make such changes as are necessary within the total funds available, including making new appointments and the acceptance of resignations, in accordance with the provisions of the University Statutes.

On motion of Mr. Livingston, this budget was approved, and authority was given as requested, by the following vote: Aye, Mr. Davis, Mr. Fornof, Mrs. Holt, Mr. Livingston, Mr. McKelvey, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mr. Williamson; no, none; absent, Mr. Green, Dr. Luken.

<sup>1</sup> From November 1, 1948, to June 30, 1949.



**APPOINTMENT TO BOARD OF EXAMINERS IN ACCOUNTANCY**

(2) Mr. William F. G. Ross, Chairman of the Board of Examiners in Accountancy, has submitted his resignation from the Board because of ill health. He will be hospitalized for several months. The Committee on Accountancy recommends that Mr. Ross's resignation be accepted. The Committee makes this recommendation with much regret. Mr. Ross has given excellent service on the Board during his two years as a member. His full term would have expired June 30, 1949.

The Committee recommends that Mr. Charles Robert Miller of Arthur Young and Company, Chicago, be appointed to the Board of Examiners in Accountancy to fill the vacancy caused by Mr. Ross's resignation, that is until June 30, 1949.

Mr. Miller is forty-three years of age. He is a graduate of the University of Illinois, having received the Bachelor of Science degree in accountancy in June, 1928, with high honors. He obtained the Illinois C.P.A. certificate by examination in November, 1928. He has been with the firm of Arthur Young and Company for many years and is now a resident partner. He is recognized by the profession as an outstanding accountant.

Mr. Miller has indicated his willingness to serve.

On motion of Mr. Nickell, Mr. Ross's resignation was accepted, and Mr. Miller was appointed as recommended.

**ADMINISTRATION OF DEPARTMENT OF BOTANY**

(3) The members of the professorial staff of the Department of Botany have requested a change in the organization of the Department from one administered by a department head to a department organized with a chairman. Such a change of organization is permitted under University of Illinois Statutes on recommendation of the President to the Board of Trustees. I recommend approval of this request, and that Dr. Oswald Tippo, Associate Professor of Botany and now Acting Head of the Department, be appointed Chairman of the Department for two years from September 1, 1948, at an academic salary rate of \$5,500.

On motion of Mr. McKelvey, these recommendations were adopted.

**UNIVERSITY'S SHARE OF DRAINAGE IMPROVEMENT COSTS**

(4) The Union Drainage District No. 1 of the towns of Afton and Milan in De Kalb County has requested the University to assume its share of the cost of the cleaning of the drainage ditch which serves in part Wright Farm No. 7.<sup>1</sup> This ditch runs for approximately 160 rods through the entire length of the northeastern eighty acres of Wright Farm No. 7 and provides the drainage outlet for the whole farm. The ditch was dug about thirty-one years ago and has not been maintained adequately and has needed cleaning for some time. The University's share of this expense is \$1,523.99, one-half of which is due in September, 1948, and the balance in November, 1948. The drainage district is also considering an annual maintenance program after the ditch has been cleaned.

This is similar in principle to payments by the University of part of the operating costs of the sewage disposal through the Urbana-Champaign Sanitary District, for construction of an addition to the local sanitary sewer system to serve the temporary housing area on South First Street, and for part of the cost of improving West Springfield Avenue in Urbana.

Professor J. B. Andrews, Dean H. P. Rusk, and Comptroller Lloyd Morey recommend payment of this initial expenditure and of a pro rata share of the subsequent annual maintenance charges.

Funds are available from the operation of Wright Farm No. 7.

I concur.

On motion of Mr. Davis, this recommendation was adopted. The appropriation was made by the following vote: Aye, Mr. Davis, Mr. Fornof, Mrs. Holt, Mr. Livingston, Mr. McKelvey, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mr. Williamson; no, none; absent, Mr. Green, Dr. Luken.

<sup>1</sup> This farm is a part of the endowment of the Harry G. and Harriette Wright Scholarships.

**SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES**

(5) The Committee on Special Appropriations and Nonrecurring Expenditures recommends assignments from the General Reserve Fund for the following purposes:

**College of Agriculture:**

- a. For remodeling Rooms 227-231 Bevier Hall for Home Economics Department..... \$ 2 800
- b. For remodeling and equipment in the Horticulture Department.. 14 600
- c. For calculating equipment for Agricultural Economics Department 4 600
- d. For finishing Room 404 Mumford Hall..... 3 100

**College of Fine and Applied Arts:**

- For new console for Auditorium organ for the School of Music..... 12 000

**College of Liberal Arts and Sciences:**

- a. For remodeling of Room 143 Natural History Building for Geology Department..... 1 700
- b. For laboratory equipment for Department of Bacteriology..... 5 500
- c. For constant temperature humidity cases in Room 203 Harker Hall for Department of Entomology..... 1 500
- d. For equipment for work in cytogenetics in the Department of Botany..... 41 600
- e. For remodeling and miscellaneous equipment for Department of Botany..... 39 000

**Chicago Professional Colleges:**

- For purchase of microscopes..... 6 000
- Total*..... \$132 400

I concur.

On motion of Mr. Williamson, these appropriations were made as recommended, by the following vote: Aye, Mr. Davis, Mr. Fornof, Mrs. Holt, Mr. Livingston, Mr. McKelvey, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mr. Williamson; no, none; absent, Mr. Green, Dr. Luken.

**PURCHASE OF ILLINOIS TERMINAL RIGHT-OF-WAY**

(6) The Illinois Terminal Railroad Company formerly had a spur track extending through the business and residential part of Urbana and through the University service area to Sixth Street in Champaign. When this spur was abandoned, the University acquired various portions of the property through the following actions of the Board of Trustees:

October 17, 1942 (Minutes, page 110), the Board authorized the purchase of that portion lying between Wright and Sixth Streets at a price of.....\$1 500

September 24, 1946 (Minutes, page 57), the Board authorized the acquisition of that portion between Mathews and Goodwin Avenues at a price of..... 2 500

November 22, 1946 (Minutes, page 164), the Board authorized the purchase of that portion lying between Goodwin Avenue and Harvey Street at a cost of..... 1 500

May 27, 1947 (Minutes, page 370), the Board authorized the purchase of the West ½ block between Harvey Street and Gregory Avenue at a cost of.. 1 000

The purchase of the first parcel has been completed and the title transferred to the University of Illinois. The purchase of the last three parcels has not been completed pending the successful negotiation of some questions concerning the title. It is anticipated that these difficulties will be worked out in the near future.

There is also available the east one-half block between Harvey and Gregory (approximately 40' x 198'). The Illinois Terminal Railroad Company has a buyer for this property at a price of \$750, which represents a unit cost of 9.5¢ a square foot. They have offered this property to the University at the same price, and the Director of the Physical Plant Department, the Security Officer, and the Comptroller recommend that the University purchase the property to be used as a parking area and for Physical Plant Service purposes.

I recommend the authorization of the purchase of this land and a special appropriation of \$750 for this purpose.

On motion of Mr. McKelvey, this purchase was authorized and the appropriation was made, by the following vote: Aye, Mr. Davis, Mr. Fornof, Mrs. Holt, Mr. Livingston, Mr. McKelvey, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mr. Williamson; no, none; absent, Mr. Green, Dr. Luken.

#### **OIL AND GAS LEASES ON OLNEY EXPERIMENTAL FARM**

(7) The Board of Trustees on September 23, 1948 (Minutes, page 84), authorized leasing to the Sun Oil Company for oil and gas development an experimental fruit farm tract of  $19\frac{1}{4}$  acres near Olney, Illinois. The Sun Oil Company also wishes to lease the seventy-five acre experimental farm tract which lies to the north of the  $19\frac{1}{4}$  acre tract described as follows:

"The South  $\frac{3}{4}$  of West half of Southwest quarter of Section 36 and beginning at a point 12 chains South of the Northwest corner of the East half of the Southwest quarter of Section 36, thence South 28.19 chains, thence East 4.26 chains, thence North 28.19 chains, thence West 4.26 chains to place of beginning, 12 acres, more or less in Section 36; also, beginning at the Southwest corner of the West half of Southwest quarter of Section 36, running thence North along the section line 120 rods, thence West 4 rods, thence South 120 rods, thence East 4 rods to the place of beginning, containing 3 acres in Southeast quarter of Section 35, Township 4 North, Range 10 East, containing 75 acres, more or less."

This will give the University the same protection in the event oil or gas production in commercial quantities is developed within a statutory offset location.

The Head of the Department of Horticulture and the Director of the Agricultural Experiment Station recommend that this lease be authorized under the same terms as the other lease. The company will pay a rental of \$5.00 a year an acre. If oil or gas is produced from wells on the University's land the University will receive one-eighth of the proceeds; if oil or gas is produced within 330 feet of University land the University will share in the royalties.

I concur.

On motion of Mrs. Holt, this lease was authorized as recommended.

#### **APPOINTMENT OF JOSEPH A. RUSSELL AS PROFESSOR AND HEAD OF THE DEPARTMENT OF GEOGRAPHY**

(8) I recommend the appointment of Dr. Joseph A. Russell of Syracuse University as Professor and Head of the Department of Geography on indefinite tenure at a salary of \$8,000 an academic year beginning February 1, 1949.

On motion of Mr. McLaughlin, this appointment was approved as recommended.

#### **SALE OF STANDARD OIL OF NEW JERSEY STOCK**

(9) The Finance Committee of the Board recommends that two shares of Standard Oil Company of New Jersey stock received as a dividend on Standard Oil of Indiana stock be sold, since this dividend has been ruled as a distribution from income.

Authorization for this sale and approval of the following resolution is requested:

##### **RESOLUTION REGARDING SALE OF STOCK**

*Whereas*, the Board of Trustees of the University of Illinois is the owner of two shares of capital stock of the Standard Oil Company of New Jersey, and

*Whereas*, the Board of Trustees has approved the sale of such stock in its meeting of October 21, 1948,

*Now, therefore*, be it resolved by the Board of Trustees of the University of Illinois that Lloyd Morey, Comptroller, and H. E. Cunningham, Secretary, be authorized to execute any and all documents to complete such sale.

On motion of Mr. Livingston, this sale was authorized and the resolution was adopted as requested.

### ADDITION TO CONTRACT FOR GENERAL WORK ON STADIUM RESTORATION

(10) The West Hall of the Stadium was used for student housing from 1946 to 1948, and was returned to use for instruction in physical education and student recreational programs at the beginning of the academic year, 1948-1949.

Lewis S. Colbert, General Contractor, Champaign, was engaged to do the necessary remodeling at an estimated cost of \$4,791.

At the time the remodeling was planned, it was anticipated that some work would be required on the floor in the north half of the West Hall. It was impossible to determine the extent and nature of the work until partitions and wood flooring had been removed to permit examination of the concrete base. The cost of the additional work necessary will be \$4,000.

There is other general work to be done to improve the West Hall, estimated to cost \$1,363, for which the Athletic Association will supply funds.

The Director of the Physical Plant Department and the Comptroller recommend that this additional work for restoration and remodeling be done under the terms of the contract with Lewis S. Colbert for minor alterations authorized by the Board of Trustees on July 22, 1948.

Funds are available for the improvements to be paid for by the Athletic Association in an assignment already approved by the Board of Trustees, and funds are available for the restoration expenditures to be paid by the University in reserves accumulated from operation of the West Hall as a dormitory.

I concur and request that the Comptroller and the Secretary of the Board be authorized to execute an addition of \$5,363 in this contract.

On motion of Mr. Davis, authority was given as recommended.

### ADDITION TO HEATING CONTRACT FOR CHEMISTRY BUILDING

(11) The Director of the Physical Plant Department and the Comptroller recommend an addition in the amount of \$5,404.17 to the contract with the Carson-Payson Company, Danville, for the heating work in the construction of the Chemistry and Chemical Engineering Building, for underground steam lines which will connect the houses at 1205 West California and 606 South Mathews front and rear with the University steam heating system.

Funds are available.

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

On motion of Mrs. Holt, authority was given as recommended.

### ADDITION TO GENERAL CONTRACT FOR MECHANICAL ENGINEERING BUILDING

(12) The Director of the Physical Plant Department and the Comptroller recommend an addition of \$7,892 to the contract with the James McHugh Sons, Inc., for the general work on the Mechanical Engineering Building to provide for spray painting of exposed haydite block and concrete surfaces in all painted rooms except basement corridors.

Funds are available in the State appropriation for the Mechanical Engineering Building.

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

On motion of Mr. Nickell, authority was given as recommended.

### ADDITION TO GENERAL CONTRACT FOR ELECTRICAL ENGINEERING BUILDING

(13) The Director of the Physical Plant Department and the Comptroller recommend an increase of \$10,535.37 in the contract with the John Felmley Company for the general work on the Electrical Engineering Building. This increase is to provide for the following:

1. Labor and material necessary for the removal of the existing bridge over the Boneyard, construction of a new bridge, and rerouting the creek under the new bridge.....\$7 046 42
2. Labor and material for walks and drives..... 3 488 95

Funds are available in the State appropriation for this building.

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

On motion of Mr. McLaughlin, authority was given as recommended.

#### **ADDITION TO THE GENERAL CONTRACT FOR CHEMISTRY BUILDING**

(14) The Director of the Physical Plant Department and the Comptroller recommend an addition of \$2,812.73 to the contract with the John Felmley Company for the general work on the Chemistry and Chemical Engineering Building to provide for:

1. Substitution of Acoustone and Acousti-Celetox in lieu of acoustical plaster specified.....\$1 665 62
2. Furnishing and installing of a gas cylinder shelter for the storage of gases under high pressures..... 1 147 11

Funds are available for these additions in the State appropriation for this building.

I concur and request that the Comptroller and the Secretary of the Board be authorized to execute the above additions to the contract.

On motion of Mr. Livingston, authority was given as recommended.

#### **AWARD OF CONTRACTS FOR ALTERATIONS IN THE MEN'S OLD GYMNASIUM**

(15) On January 8, 1948 (Minutes, page 960), the Board of Trustees appropriated \$26,000 for alterations and lockers in the Men's Old Gymnasium. This project was not considered to be of top priority, and the work was postponed. Now that higher priority projects are under way, this one may go ahead.

Since this is a remodeling job, it is not feasible to secure competitive bids. The Director of the Physical Plant Department and the Comptroller recommend that the work be done by the following contractors under the terms of their standing contracts on a cost plus a fee basis for minor remodeling as approved by the Board of Trustees on July 22, 1948 (Minutes, page 18):

##### *Estimated Cost*

General Work — Lewis S. Colbert.....	\$15 798 97
Plumbing — Reliable Plumbing and Heating Co.....	5 500 00

I concur and request that the Comptroller and the Secretary of the Board be authorized to execute these contracts.

On motion of Mr. Nickell, authority was given as recommended.

#### **PURCHASES**

(16) There are submitted recommendations for purchases for approval by the Board and a report of purchases authorized by the President of the University (see Appendix, page 163).

On motion of Mr. McKelvey, purchases were authorized as recommended, and the action of the President of the University in authorizing emergency purchases was approved and confirmed.

#### **GIFTS AND GRANTS OF FUNDS FOR RESEARCH AND OTHER PURPOSES**

(17) A report of gifts and grants of funds for research and other purposes received by the University since the last report on July 22, 1948 (see Appendix, page 165).

This report was received for record.

#### **CANCELLATION OF SABBATICAL LEAVE OF ABSENCE GIVEN PROFESSOR RAYMOND P. STEARNS**

(18) Associate Professor Raymond P. Stearns of the Department of History was given a sabbatical leave of absence for the second semester of 1948-1949 by the Board of Trustees on March 9, 1948.

Professor Stearns has requested that his leave be deferred for the convenience of the University because the Department of History has recently suffered major losses in the death of Professor Theodore C. Pease, former Head of the Department, and in the resignation of Professor Charles E. Odegaard.

I recommend cancellation of this leave without prejudice as to future reinstatement.

On motion of Mr. Davis, this recommendation was adopted.

#### **LEAVE OF ABSENCE FOR PROFESSOR STANLEY D. TYLMAN**

(19) Dr. Stanley D. Tylman, Professor and Head of the Department of Crowns and Fixed Partial Dentures, College of Dentistry, has been invited to give a series of clinics and conferences for the dental faculties of the Universities of Buenos Aires and Cordoba in Argentina. The United States Department of State has asked that this teaching mission be undertaken.

The Dean of the College of Dentistry and the Vice-President in charge of the Chicago Professional Colleges recommend that he be given a leave of absence with full pay during the months of November and December, 1948. His duties will be taken over by other members of the faculty so that there will be no additional expense to the University.

I have authorized this leave of absence and request confirmation of my action.

On motion of Mr. Williamson, this leave was granted as recommended.

#### **INCREASE IN CONTRACT FOR FLOORING IN STADIUM**

(20) On September 23, 1948 (Minutes, page 83), the Board of Trustees awarded a contract for asphalt tile flooring to W. Lewis and Company in the amount of \$6,107.77 as a part of the program of restoration and improvement of the West Great Hall of the Stadium. After the bids had been received for this flooring, the Athletic Association requested the addition of asphalt tile markings for the basketball courts. The asphalt tile markings are preferred to the painted markings because they are more permanent and economical over a long period of usage.

The Director of the Physical Plant Department and the Comptroller recommend an increase of \$1,020 in the contract with W. Lewis and Company to provide for this additional installation to be paid for by the Athletic Association.

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

On motion of Mr. Williamson, authority was given as recommended.

#### **SECRETARY'S REPORTS**

The Secretary presented the following lists for record, as printed in the *Appendix*.

1. Appointments made by the President of the University (page 153).
2. Graduate scholars and fellows (page 155).
3. Resignations, declinations, and cancellations (page 156).
4. Degrees conferred at Urbana, October 15, 1948 (page 157).

The Board adjourned.

H. E. CUNNINGHAM  
*Secretary*

JOHN R. FORNOF  
*President*

## APPENDIX

## APPOINTMENTS MADE BY THE PRESIDENT

(The date in parenthesis is the date on which the appointment was made by the President of the University. Part-time appointments are shown by fractions after the name of the department. C = College; S = Station; E = Extension.)

- BAER, JEAN G., Visiting Professor, Zoology, five months beginning February 1, 1949, \$5000 (10-15-48).
- BARRON, SAMUEL B., Clinical Instructor, Pediatrics (Medicine), eleven months beginning October 1, 1948, without salary (10-7-48).
- BOSSCHER, GERARD P., Instructor, Orthodontia (Dentistry) ( $\frac{3}{5}$ ), one year beginning September 1, 1948, \$1800 (10-7-48).
- BRIGGS, CECIL C., Visiting Professor, Architecture ( $\frac{1}{2}$ ), September 15, 1948-January 31, 1949, \$533.33 a month (10-15-48).
- BROWN, JOHN W., Instructor, Physical Education for Men (Chicago Professional Colleges), one year beginning September 1, 1948, \$4500, supersedes (10-7-48).
- CARLSON, CLARENCE I., Associate Professor, General Engineering Drawing, Head of the Department (Undergraduate Division in Chicago), indefinite tenure beginning September 1, 1948, \$7200 a year, supersedes (10-15-48).
- COLEMAN, MRS. SHIRLEY W., Personnel Technician, Student Counseling Bureau, one year beginning September 1, 1948, \$2400 (10-1-48).
- DE TAMBLE, GRACE W., Assistant, Occupational Therapy (Neuropsychiatric Unit) (Physical Medicine) (Medicine), September 1, 1948, until further notice, \$3000 a year (9-24-48).
- DICKEY, ROBERT I., Associate Professor, Accountancy ( $\frac{1}{2}$ ), indefinite tenure, Assistant Dean, College of Commerce and Business Administration ( $\frac{1}{2}$ ), one year, beginning September 1, 1948, \$6200 a year, supersedes (10-13-48).
- DIESSNER, WARREN H., Associate Professor, Military Science and Tactics (Medical Corps Unit) (Medicine), September 1, 1947, until further notice, without salary (10-1-48).
- DOOLAS, GEORG, Instructor, Physical Sciences (Undergraduate Division in Chicago), academic year beginning September 1, 1948, \$4000 (10-15-48).
- FAWCETT, CLARENCE G., Instructor, Physical Sciences (Undergraduate Division in Chicago), five months beginning September 1, 1948, \$1800 (10-15-48).
- FEAR, MARJORIE M., Assistant, English, nine months beginning September 16, 1948, \$2400 (10-5-48).
- FUHRMAN, DONALD L., Assistant, Dermatology (Medicine), one year beginning September 1, 1948, without salary (9-24-48).
- GANSLEN, RICHARD V., Instructor, Physical Education for Men ( $\frac{1}{4}$ ), academic year beginning September 1, 1948, \$900 (10-1-48).
- GRANBERG, CHARLES B., Instructor, Manufacturing Pharmacy (Pharmacy) ( $\frac{1}{2}$ ), eleven months beginning October 1, 1948, \$200 a year, supersedes (9-24-48).
- GRAY, HORACE M., Professor, Economics, indefinite tenure beginning September 1, 1948, \$10,000 a year, supersedes (9-27-48).
- GREEN, GEORGE H., Special Research Assistant, Mechanical Engineering (S), September 23, 1948-August 31, 1949, \$3000 a year (10-12-48).
- HART, D. E., Assistant, Anatomy (Medicine), one year beginning September 1, 1948, without salary (9-24-48).
- HEARN, JUNE M., Research Assistant, Chemistry (Graduate College), eleven months beginning October 1, 1948, \$2475 (10-7-48).
- HECLAND, MRS. VIRGINIA, Assistant, English, September 16, 1948-January 31, 1949, \$1200 (10-7-48).
- HERSHEY, ALBERT E., Research Professor, Mechanical Engineering (C) ( $\frac{1}{10}$ ), (S) ( $\frac{9}{10}$ ), indefinite tenure beginning September 1, 1948, \$7200 a year, leave of absence without salary for the academic year 1948-1949, supersedes (10-7-48).
- HEYMANN, HANS, Lecturer, Economics, academic year beginning September 1, 1948, \$5000 (10-7-48).
- HILL, MARTHA A., Research Assistant, Medicine (Medicine), September 13, 1948-August 31, 1949, \$2400 a year (10-7-48).
- HU, HUAN C., Special Research Associate, Electrical Engineering (S) ( $\frac{1}{2}$ ), one year beginning September 1, 1948, \$2600 (10-4-48).

- HULL, BARBARA J., Clinical Assistant, Medicine (Medicine), eleven months beginning October 1, 1948, without salary (10-7-48).
- IGLOE, MAX C., Associate Professor, Preventive Medicine and Public Health (Medicine) (16/100), one year beginning September 1, 1948, \$1000 (10-1-48).
- JONIETZ, MRS. ALICE K., Clinical Counselor, Student Counseling Bureau, September 24, 1948-August 31, 1949, \$4500 a year (10-7-48).
- KNIGHT, JERE D., Special Research Associate, Physics (S), September 16-December 31, 1948, \$400 a month (10-11-48).
- KRIZAN, THOMAS F., Instructor, Physical Education for Men, academic year beginning September 1, 1948, \$3200 (9-24-48).
- LAIRD, MRS. ANN L., Director, Nursing, Acting Director, School of Nursing ( $\frac{1}{2}$ ), ten months beginning November 1, 1948, \$2808; also to be furnished room and one meal daily valued at \$192 a year, supersedes (10-4-48).
- LAW, MARY L., Instructor, Clinical Speech (Otolaryngology) (Medicine) ( $\frac{1}{2}$ ), one year beginning September 1, 1948, \$1800 (10-12-48).
- LEITER, HOWARD A., Special Research Assistant, Physics (C), eleven months beginning October 1, 1948, \$270 a month (10-4-48).
- LEVINSON, IDA, Instructor, Speech, academic year beginning September 1, 1948, \$3650, supersedes (10-1-48).
- LITTRELL, JOHN H., Assistant, Naval Science, September 17, 1948, until further notice, without salary (9-27-48).
- MARC, ARTHUR, Instructor, Operative Dentistry (Dentistry) ( $\frac{1}{2}$ ), eleven months beginning October 1, 1948, \$1625 a year, supersedes (10-7-48).
- MASUOKA, SHIG J., Registered Pharmacist, Hospital Pharmacy (Pharmacy) ( $\frac{1}{2}$ ), eleven months beginning October 1, 1948, \$1620 a year, supersedes (10-15-48).
- MCCOLLOM, KATHERINE T., Assistant, English, September 16, 1948-January 31, 1949, \$1200 (10-7-48).
- MELETSIS, GEORGE J., Registered Pharmacist, Hospital Pharmacy (Pharmacy), eleven months beginning October 1, 1948, \$3300 a year, supersedes (10-5-48).
- MILLER, RICHARD I., Instructor, Physical Education for Men ( $\frac{1}{2}$ ) during first semester, ( $\frac{1}{4}$ ) during second semester, Instructor, Education ( $\frac{1}{2}$ ) during first semester, ( $\frac{3}{4}$ ) during second semester, academic year beginning September 1, 1948, \$3500 (9-24-48).
- MOWERY, ROBERT W., Assistant, Agricultural Engineering (C & S), October 25, 1948-August 31, 1949, \$3300 a year (10-4-48).
- NUGENT, TIMOTHY J., Instructor, Hygiene (Undergraduate Division in Galesburg), academic year beginning September 1, 1948, \$3300 (10-12-48).
- OZONE, KENJI, Research Assistant, Pediatrics (Medicine), one year beginning September 1, 1948, \$2700 (9-24-48).
- PEARLMAN, MAURICE D., Chief Resident, Clinical Teaching Assistant, Ophthalmology (Illinois Eye and Ear Infirmary), one year beginning July 1, 1948, \$1800; also to be furnished full maintenance valued at \$384 a year, supersedes (10-7-48).
- PEPPER, STEPHEN C., Visiting Professor, Philosophy, five months beginning February 1, 1949, \$6000 (10-7-48).
- POPELKA, BLANCHE M., Assistant and Supervisor, Occupational Therapy (Physical Medicine) (Medicine), one year beginning September 1, 1948, \$3000 (10-13-48).
- REISS, FRANKLIN J., Assistant Professor, Farm Management Research (Agricultural Economics) ( $\frac{1}{2}$ ) (S), one year beginning September 1, 1948, \$2000, supersedes (10-1-48).
- ROBB, WILLIAM C., Associate Professor, Economics ( $\frac{1}{2}$ ), indefinite tenure, Assistant Dean, College of Commerce and Business Administration ( $\frac{1}{2}$ ), one year, beginning September 1, 1948, \$6720 a year, supersedes (10-13-48).
- RODRIGUEZ, ARTHUR A., Assistant Professor, Physical Medicine (Medicine), one year beginning September 1, 1948, \$5000, supersedes (10-11-48).
- SAMTER, MAX, Assistant Professor, Medicine (Medicine) (9/10), one year beginning September 1, 1948, \$4750, supersedes (10-8-48).
- SCHALLER, RICHARD, Head Resident, Annex Hall, ten months beginning September 1, 1948, \$1900, also to be provided housing valued at \$10 a month (10-11-48).
- SCHROEDER, ROY W., Assistant Professor, Foundry and Pattern Laboratory (Undergraduate Division in Chicago), academic year beginning September 1, 1948, \$6000, supersedes (10-15-48).



- SCOUFFAS, GEORGE, Assistant, English, nine months beginning September 16, 1948, \$3200, supersedes (10-1-48).
- SEIDLER, ARMOND H., Instructor, Physical Education for Men, academic year beginning September 1, 1948, \$3450 (10-5-48).
- SEIDLER, BURTON M., Manager, Temporary Housing (Undergraduate Division in Galesburg), one year beginning September 1, 1948, \$2880; also to be furnished housing valued at \$120 a year (10-5-48).
- SIEGEL, ALFRED L., Clinical Assistant, Medicine (Medicine), September 15, 1948-August 31, 1949, without salary (10-7-48).
- SMITH, JAMES B., Assistant, Naval Science, September 17, 1948, until further notice, without salary (9-27-48).
- STARKMAN, NATHAN M., Clinical Instructor, Radiology (Medicine), one year beginning September 1, 1948, without salary (9-24-48).
- STEIN, FLOYD H., Head Resident, Rink Hall, ten months beginning September 1, 1948, \$1900; also to be furnished housing valued at \$10 a month (10-11-48).
- STENDLER, MRS. CELIA B., Assistant Professor, Bureau of Research and Service, one year beginning September 1, 1948, \$5628, supersedes (10-12-48).
- STUERMER, RAY, Assistant Professor, Architecture (Undergraduate Division in Chicago) ( $\frac{1}{2}$ ), academic year beginning September 1, 1948, \$2000 (10-7-48).
- TANNER, MACK C., Assistant, Operative Dentistry (Dentistry) ( $\frac{3}{5}$ ), eleven months beginning October 1, 1948, \$1120 a year, supersedes (10-7-48).
- TAYLOR, WELTON I., Instructor, Bacteriology (Medicine), one year beginning September 1, 1948, \$4000 (9-24-48).
- TINER, MRS. LYLIA G., Personnel Technician, Student Counseling Bureau ( $\frac{1}{2}$ ), one year beginning September 1, 1948, \$1400 (10-7-48).
- TROTIER, ARNOLD H., Professor, Library Science, indefinite tenure, Assistant Director, Technical Departments, eleven months, beginning October 1, 1948, \$6900 a year, supersedes (10-15-48).
- WHAM, MRS. DOROTHY S., Personnel Technician, Student Counseling Bureau, one year beginning September 1, 1948, \$2900 (10-1-48).
- WITTMAN, PHYLLIS, Visiting Lecturer, Psychology, academic year beginning September 1, 1948, without salary (9-24-48).
- YANKOW, HENRY G., JR., Instructor, Accountancy, Senior Accountant, Business Office (Undergraduate Division in Chicago), academic year beginning September 1, 1948, \$4750, supersedes (10-4-48).
- YENAWINE, WAYNE S., Circulation Librarian, Library, Assistant Professor, Library Science, one year beginning September 1, 1948, \$5000 (9-24-48).
- ZENER, CLARENCE, Special Lecturer and Consultant, Physical Metallurgy (Mining and Metallurgical Engineering) (C) ( $\frac{4}{1000}$ ), ten months beginning September 1, 1948, \$400 (10-13-48).
- ZIELESCH, MARGUERITE R., Instructor, Physics (Undergraduate Division in Galesburg), academic year beginning September 1, 1948, \$3200 (10-7-48).

#### GRADUATE FELLOWS AND SCHOLARS

(The following appointments were made by the President of the University on the dates indicated in parenthesis.)

- BASS, KENNETH, United States Public Health Service Research Fellow, Bacteriology (Medicine), September 13, 1948-September 30, 1949, \$3600 a year (10-7-48).
- BURNS, RICHARD O., Research Fellow, Physiology (Medicine), one year beginning October 1, 1948, \$2000 (10-7-48).
- CHEN, CHIA-YUNG, Magnavox Foundation Fellow, Chemistry, October 1, 1948-January 31, 1949, \$500 (10-12-48).
- DEXTER, THEODORE H., Research Fellow, Chemistry ( $\frac{1}{2}$ ), eleven months beginning September 1, 1948, \$1375 (10-12-48).
- FLORIO, AURELIO E., Nonresident Fellow, Physical Education, four months beginning February 1, 1949, \$800 (9-24-48).
- HUMISTON, CHARLES G., Upjohn Company Fellow, Chemistry, eleven months beginning October 1, 1948, \$1375 (10-12-48).
- LANPHER, EDWARD H., Bristol Fellow, Pharmacology (Medicine), eleven months beginning October 1, 1948, \$150 a month (10-13-48).

- MEADOWS, RUTH E., United States Public Health Service Fellow, Psychology, nine months beginning September 16, 1948, \$1600 (9-24-48).  
NYMAN, CLIFFORD O., Upjohn Company Fellow, Chemistry, eleven months beginning October 1, 1948, \$1375 (10-12-48).  
RICHEY, MARJORIE H., United States Public Health Service Fellow, Psychology, nine months beginning September 16, 1948, \$1200 (9-24-48).  
SAUNDERS, DAVID R., Bonfils Fellow, Psychology, nine months beginning September 16, 1948, \$1200 (9-24-48).  
SCOTT, MERRILL B., Scholar, Physics, nine months beginning September 16, 1948, \$700, supersedes (9-27-48).  
TOOMEY, ROBERT D., Pittsburgh Consolidated Coal Company, Chemistry, nine months beginning September 16, 1948, \$1200 (10-12-48).  
ZEEVAERT, LEONARDO, Special Research Fellow, Civil Engineering, nine months beginning September 16, 1948, \$1500 (10-7-48).  
ZIMMERMAN, WILLIAM A., United States Public Health Service Fellow, Psychology, nine months beginning September 16, 1948, \$1600 (9-24-48).

#### RESIGNATIONS, DECLINATIONS, AND CANCELLATIONS

- ABREU-GOMEZ, ERMILO, Visiting Assistant Professor, Spanish — resignation effective 9-1-48.  
ANNIS, ROBERT W., Special Research Associate, Electrical Engineering (S) — resignation effective 9-20-48.  
BORUS, JOSEPH, Lecturer, Division of Social Welfare Administration — cancellation effective 10-1-48.  
BRUNNER, HANS, Professor, Otolaryngology (Medicine) — resignation effective 10-15-48.  
CHASE, JEAN T., First Assistant, Home Economics (S) — resignation effective 11-1-48.  
ELBERT, J. E., Instructor, Commerce and Business Administration (Undergraduate Division in Galesburg) — resignation effective 10-14-48.  
FLEMING, DORIS, Bibliographer, rank of Instructor, Acquisition (Library) — resignation effective 11-1-48.  
FLORIO, AURELIO E., Nonresident Fellow, Physical Education — declination effective 2-1-49.  
HALTERMAN, JEAN, Assistant, Marketing — declination effective 9-16-48.  
KELLER, JEANNE L., Personnel Technician, Student Personnel Bureau (Undergraduate Division in Galesburg) — resignation effective 10-9-48.  
KLEMA, ERNEST D., Fellow, Physics — resignation effective 9-16-48.  
LIND, EVELYN R., Research Assistant, Bureau of Economic and Business Research — resignation effective 10-15-48.  
MAURICE, CHARLES G., Instructor, Applied Materia Medica and Therapeutics (Dentistry) — resignation effective 10-1-48.  
MISCHEL, THEODORE, Fellow, Physics — resignation effective 9-16-48.  
NORMANN, ARNE, Scholar, Mechanical Engineering — cancellation effective 9-16-48.  
PARMET, B. S., Instructor, Electrical Engineering (C) — declination effective 9-1-48.  
PROTZMAN, RUTH M., Catalog Assistant, Library — resignation effective 9-12-48.  
SHEFFLER, PAUL W., Research Fellow, Physiology (Medicine) — resignation effective 9-1-48.  
SPECTOR, HARRY, Assistant Professor, Animal Nutrition and Animal Nutrition Research (Animal Science) (C & S) — resignation effective 10-1-48.  
STONE, CLEMENT A., Research Fellow, Pharmacology (Medicine) — resignation effective 10-1-48.  
SUSINA, S. V., Research Fellow, Pharmacology (Medicine) — declination effective 9-1-48.  
WEBSTER, MRS. LUCILLE J., Instructor, English (Undergraduate Division in Chicago) — resignation effective 9-14-48.  
WHITFIELD, W. M., Instructor, Electrical Engineering (C) — cancellation effective 9-1-48.  
ZIMMERMAN, EDWARD J., Fellow, Physics — resignation effective 9-16-48.

## DEGREES CONFERRED OCTOBER 15, 1948

## Summary

## Degrees in the Graduate College:

Doctor of Philosophy.....	49
Doctor of Education.....	3
Master of Social Work.....	3
Master of Arts.....	27
Master of Science.....	59
<i>Total, Graduate College</i> .....	<u>141</u>

## Degrees in Law:

Bachelor of Science.....	1
Bachelor of Laws.....	14
Doctor of Law.....	5
<i>Total, Law</i> .....	<u>20</u>

## Baccalaureate Degrees:

Bachelor of Science, College of Engineering.....	1
Bachelor of Arts, College of Liberal Arts and Sciences.....	4
Bachelor of Science, College of Liberal Arts and Sciences.....	1
Bachelor of Science, College of Education.....	1
Bachelor of Science, College of Commerce and Business Administration..	2
Bachelor of Fine Arts, College of Fine and Applied Arts.....	1
Bachelor of Science, Division of Special Services for War Veterans.....	4
<i>Total, Baccalaureate Degrees</i> .....	<u>14</u>

*Total, Degrees Conferred*..... 175

## GRADUATE COLLEGE

## Degree of Doctor of Philosophy

*In Agricultural Economics*

EARL CLIFFORD HEDLUND, B.S., University of Nebraska, 1938; M.S., 1939

*In Agronomy*

RUSSELL EARL HAY, JR., A.B., Miami University, 1940; M.S., University of Nebraska, 1942

CHING-KWEI LEE, B.S., Fuh Tan University, 1932; M.S., 1946

*In Animal Science*

ARTHUR EDISON CULLISON, B.S., M.S., 1936, 1937

STANLEY WALLACE TERRILL, B.S., Iowa State College, 1940

*In Bacteriology*

REYNOLD BERNARD CZARNECKI, B.S., Pennsylvania State College, 1939

*In Botany*

EVERETT SMITH BENEKE, A.B., Miami University, 1940; M.S., Ohio State University, 1941

*In Ceramic Engineering*

ESTHER MILLER TUTTLE, B.S., M.S., Alfred University, 1942, 1943

MILTON ALFRED TUTTLE, B.S., M.S., Alfred University, 1941, 1942

*In Chemical Engineering*

EDWARD HUBERT CONROY, JR., B.S., State University of Iowa, 1942

*In Chemistry*

FRANCIS WARREN BLODGETT, A.B., Oberlin College, 1943

NEAL ORIN BRACE, B.S., University of Minnesota, 1946

JANET LOIS CROSBY, B.S., Iowa State College, 1945

ERNEST LUDWIG ELIEL, D.Phys., University of Havana, 1946  
JAMES SHERWOOD FRITZ, B.S., James Millikin University, 1945; M.S., 1946  
MORTON HARFENIST, B.S., College of the City of New York, 1942; M.S., Brooklyn Polytechnic Institute, 1946  
AUGUSTA KNOEPFELMACHER HIRSCH, B.S., M.S., 1945, 1946  
HERMAN SAUL LEVINE, B.S., University of Pittsburgh, 1943  
JAMES BEVERLEY MCPHERSON, JR., A.B., Kenyon College, 1941; M.S., 1942  
ELDON DENZEL NIELSON, A.B., University of Utah, 1945  
FREDERICK JOHN PILGRIM, B.S., M.S., Rensselaer Polytechnic Institute, 1939, 1940  
ANTHONY WOLFGANG SCHRECKER, Doktorandum, University of Vienna, 1937; Licence-es-Sciences, University of Paris, 1941  
JACK LELAND REDAVAT WILLIAMS, B.S., University of Alberta, 1946

*In Civil Engineering*

MOUNIR BADIR, B.S., Fouad I University, 1943; M.S., 1947  
ELIO D'APPOLONIA, B.S., M.S., University of Alberta, 1942, 1946  
PRYOR NEIL RANDALL, B.S., 1942

*In Economics*

SIEN-TSIN HU, B.S., National Central University, 1939; M.S., 1946  
NATHANIEL JACKENDOFF, B.S., College of the City of New York, 1938; A.M., 1939  
DONALD CALVIN MILLER, A.B., A.M., 1942, 1943  
YU-PU PAN, B.S., National Northeastern University, 1938; M.S., 1946  
LEROY LILLARD QUALLS, A.B., Illinois Wesleyan University, 1932; A.M., 1936  
C. NUGENT WEDDING, B.S., M.S., 1938, 1942

*In Electrical Engineering*

AMIYA KUMAR CHATTERJEE, A.M., College of Engineering and Technology (Jadavpur, India), 1935; M.S., Cornell University, 1946

*In English*

CARL FREDERICK BENSON, A.B., A.M., University of Texas, 1937, 1938  
DONALD LOUIS HILL, A.B., Hartwick College, 1937; A.M., Syracuse University, 1939  
MILFORD CYRIL JOCHUMS, A.B., A.M., 1938, 1940  
DOROTHY BEAL RUSHING, A.B., A.M., Sam Houston State Teachers College, 1939, 1940

*In Entomology*

SOL KRAMER, A.B., Brooklyn College, 1939; M.S., Massachusetts State College, 1942

*In French*

BRUCE HALE MAINOUS, A.B., College of William and Mary, 1935; A.M., 1939

*In History*

MAURICE GLEN BAXTER, B.S., M.S., 1941, 1942  
NELSON FRANCIS NORMAN, A.B., Stanford University, 1939; A.M., Harvard University, 1941  
ROBERT MIZE SUTTON, A.B., Shurtleff College, 1937; A.M., 1938

*In Mathematics*

RAY GARTNER LANGEARTEL, A.B., A.M., 1942, 1943

*In Political Science*

EARL THOMAS HANSON, B.Ed., Southern Illinois University, 1932; A.M., 1937  
LEO CLAIR STINE, B.Ed., Illinois State Normal University, 1939; A.M., 1943

*In Psychology*

STANLEY CYRIL GRZEDA, B.S., M.S., 1944, 1945

*In Zoology*

- ROBERT MARSHALL CHEW, B.S., Washington and Jefferson College, 1944; M.S., 1946  
 HUGH HANSON, B.S., Kansas State Teachers College, 1939; M.S., 1941  
 ROBERT HARDING WHITTAKER, A.B., Washburn Municipal University, 1942

**Professional Degrees***Degree of Doctor of Education*

- ARDWIN JOSEPH DOLIO, B.Ed., Northern Illinois State Teachers College, 1939; M.S., Ed.M., 1946, 1947  
 GALE EDWARD JENSEN, B.S., Milwaukee State Teachers College, 1942; M.S., Ed.M., 1944, 1947  
 JOE FRANK WILKES, A.B., University of Tennessee, 1937; A.M., George Peabody College, 1940; Ed.M., 1945

*Degree of Master of Social Work*

- ALICE ELIZABETH ANDREWS, A.B., 1945  
 DOROTHY B. FRANKEL, Ph.B., University of Chicago, 1945  
 PAUL ISRAEL KLIGER, A.B., 1946

**Degree of Master of Arts***In Education*

- DOMINIC LOUIS COSTA, B.Mus.Ed., James Millikin University, 1939  
 GEORGE CLIFFORD EGBERT, B.S., 1942  
 LILLIAN ARTHESTA GARNER, A.B., Southern University, 1946  
 ALEYNE CLAYTON HAINES, A.B., Florida State College for Women, 1937

*In English*

- BEULAH MARGUERITE GREEN, A.B., Asbury College, 1947  
 MABRE WISE KRUEGER, A.B., 1935  
 HERBERT SUMNER MICHAELS, B.S., Boston University, 1942  
 RUTH HILDEGARDE SCHMITT, B.Ed., Illinois State Normal University, 1939  
 BARBARA JOAN SOLLENBERGER, A.B., MacMurray College, 1946  
 NATIVIDAD DEDAL VILLEGAS, B.S., University of the Philippines, 1931

*In History*

- CLIFFORD ARTHUR KECK, A.B., University of Southern California, 1947  
 WILBURN CECIL MCAFEE, B.Ed., Southern Illinois University, 1939  
 PHILIP IRA MITTERLING, A.B., Muhlenberg College, 1947  
 RALPH ODELL RANDALL, B.Ed., Southern Illinois University, 1940  
 FRED DUANE ROSE, B.S., Northern Illinois State Teachers College, 1947

*In Mathematics*

- JOE WILLIE WRAY, B.S., 1939; M.S., University of Georgia, 1944

*In Philosophy*

- ROBERT ARNOLD CORNETT, A.B., Cincinnati Bible Seminary, 1943; A.B., Butler University, 1944; B.D., Princeton Theological Seminary, 1946

*In Political Science*

- FLOYD HERBERT STOKES, JR., A.B., Virginia State College, 1942

*In Psychology*

- HAROLD LEO APPELL, B.S., Northwestern University, 1946  
 ROBERT GLENN DEMAREE, B.S., 1941  
 THOMAS CLAYTON HARTLEY, B.S., 1944  
 BERNARD H. LIGHT, B.S., 1947

*In Spanish*

JEAN STAHL CHITTENDEN, A.B., University of Arizona, 1944  
LORAYNE LIPSKER GARY, A.B., 1944

*In Speech*

LEROY CHESTER BROWN, A.B., Greenville College, 1947  
GENEVIEVE RICHARDSON, B.S., 1942  
HOWARD EUGENE SHUMAN, B.S., 1946

**Degree of Master of Science***In Accountancy*

WILLIAM DENTON BARTH, B.S., 1947  
MING PO HSU, B.S., Chiao Tung University, 1941  
JAMES KINGSLEY STALKER, B.S., 1947

*In Agricultural Economics*

ALLIE CLAY FELDER, JR., B.S., Hampton Institute, 1943  
ALBERT ARTHUR KREIG, B.S., 1942  
VERNON LEO SHAHBAZIAN, B.S., California State Polytechnic School, 1947  
IRWIN ARTHUR SMITH, B.S., 1947  
WOODROW YONTS, B.S., 1947

*In Agronomy*

JEROME CLEMENT LYONS, B.S., 1947  
ROBERT MCLEOD REED, B.S., 1947

*In Bacteriology*

ERICH HENRY SCHULTZ, JR., A.B., Brown University, 1946

*In Botany*

KARL MICHAEL JAKOB, B.S., 1943

*In Business Organization and Operation*

JAMES EDWARD MOYER, B.S., 1947  
DONALD LEROY SHAWVER, B.S., Eastern Illinois State College, 1947  
IRVIN MILES SLEPICKA, JR., M.E., Stevens Institute of Technology, 1945

*In Chemistry*

JOHN RAYMOND CUMMINGS, A.B., Marshall College, 1937  
GUNTHER LOUIS EICHORN, A.B., University of Louisville, 1947  
JOHN PHILIP FAUST, B.S., Loyola University, 1944

*In Civil Engineering*

SHIRO AISAWA, B.S., University of Connecticut, 1947  
BENJAMIN LEROY GOEFFERT, B.S., 1947  
WILLIAM WALTER HAY, B.S., Carnegie Institute of Technology, 1931  
NICHOLAS ANDREW WEIL, B.S., University of Technical Sciences (Budapest), 1947

*In Clinical Psychology*

RAYMOND JOSEPH JANKERS, B.S., 1946

*In Dairy Technology*

ROBERT JAMES McCAULEY, B.S., Michigan State College, 1941

*In Economics*

MANDEL GOMBERG, B.S., 1947  
WARREN ARNOLD GUSTAFSON, A.B., 1947  
RICHARD STEFAN LOPATA, B.S., 1947  
JOHN DAVID SENGER, B.S., 1945

*In Education*

JOHN GEORGE CARLETON BROWN, B.S., 1940  
 LOYD WAYNE PERRY, B.S., 1947

*In Electrical Engineering*

CARL THEODORE ADOLF JOHNK, B.S., Shurtleff College, 1941; B.S., Missouri School of Mines, 1942

*In Geology*

ROBERT WHITCOMB ELLINGWOOD, B.S., Northwestern University, 1942  
 LAWRENCE JOHNSON FINFROCK, B.S., 1940  
 ROBERT CLAIR HONEA, JR., B.S., 1946  
 WILLIAM CARL IRVIN, B.S., 1947  
 ROBERT DAY KNODLE, B.S., 1947  
 ROBERT FRANK KRAYE, A.B., 1947  
 WILLIAM RILEY PAMPE, B.S., 1947  
 HUGH GERARD WALK, A.B., 1947  
 HAROLD RICHARD WHITE, B.S., 1947

*In Horticulture*

TSUN-HWEI CHU, A.B., National Szechwan University, 1942  
 NIDAMARTI GOPALKRISHNA, B.S., College of Agriculture (India), 1941

*In Journalism*

GLENN HAVEN DOWLER, B.S., 1947

*In Music Education*

LOUISE BREDEHOEFT CANNON, B.Mus.Ed., James Millikin University, 1937  
 PHYLLIS McCLURE, B.Mus., MacMurray College, 1946  
 GORDON CHARLES PENTZ, B.S., B.Mus., 1947, 1948

*In Physical Education*

RICHARD ROCKWOOD ABBOT, B.S., 1943  
 JAMES ANTON BALEY, B.S., 1946  
 HERSCHEL GROVER BENSON, B.S., 1946  
 MELVIN CLAY BREWER, B.S., 1940  
 BURRIS FREDERICK HUSMAN, B.S., 1941  
 NICOLAAS BENJAMIN STRYDOM, B.Ed., University of Stellenbosch, 1945  
 ALBERT EDWARD WILLETT, A.B., College of Wooster, 1934; A.M., Northwestern University, 1940

*In Physics*

ANDREW LEE ATKINS, JR., A.B., B.S., Southeast Missouri State Teachers College, 1947  
 FREDERICK HARVEY GILES, JR., B.S., Wheaton College, 1947

*In Physiology*

IRWIN MORTON WEINSTOCK, B.S., University of Oklahoma, 1947

*In Theoretical and Applied Mechanics*

KULBIR SINGH, C.E., Thomason College of Civil Engineering, 1941; M.S., 1947

*In Zoology*

MARION LOUISE BIRKNER, B.S., 1945  
 DEAN HOBERT ECKE, B.S., 1947

**COLLEGE OF LAW****Degree of Bachelor of Science**

ROBERT STEPHEN KIRBY

**Degree of Bachelor of Laws**

JAMES MICHAEL BARTLEY, A.B., 1943  
ARTHUR RAYMOND BENZ, B.S., 1940  
RICHARD LEE CALKINS, B.S., Illinois State Normal University, 1946  
SAM JOSEPH CANNARIATO, B.S., 1943  
STEPHEN WORCESTER EDWARDS, B.S., 1947  
CHARLES HUDSON EVANS, JR., A.B., 1947  
CHARLES THURMAN HUFFORD, JR., A.B., 1943  
PHILIP JOHN KELLY, JR., A.B., Oberlin College, 1946  
HAROLD LEON MADSEN, B.S., 1942  
WILLIAM FRANCIS MEEHLING, B.S., 1947  
JAMES EDWARD MURPHY, B.Ed., Southern Illinois University, 1938  
PEER PEDERSEN, B.S., 1947  
ELMO FRANCIS PETERSEN, B.S., 1941  
ROBERT JOHN WOODS, A.B., Yale College, 1942

**Degree of Doctor of Law**

STANLEY RICHARD BILLICK, B.S., 1947  
WAYNE PADDOCK DYER, A.B., 1938; with Honors  
DOROTHY JANE KUHN, B.S., 1941  
WILLIAM EUGENE SHIPLEY, B.Ed., Illinois State Normal University, 1942  
HAROLD BARTLETT SMITH, A.B., M.D., University of Rochester, 1938, 1941

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

LESLIE LEVI JONES

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

JACK HARRY DAVIS	FLORENCE DIANA LEVINSON
FREDERICK DANIEL HIGHLAND	VIRGIE-ANN NASTOFF

**Degree of Bachelor of Science***In Chemistry*

EDWIN JOSEPH KUTA

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

ROBERT WILLIAM BUNTING

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

WILLIAM ALFRED CURTIS	BURTON POSNER
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**COLLEGE OF FINE AND APPLIED ARTS****Degree of Bachelor of Fine Arts***In Art Education*

MADONNA MOZELL CALDWELL, with High Honors



## DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

## Degree of Bachelor of Science

MAX DONALD COUCH  
WILLIAM HENRY GILLETTE, JR.

HENRY KARL LONG  
MAX ROBERT WALLER

## PURCHASES

## Purchases Recommended

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>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
500,000 multiple vitamin capsules	Hospital Pharmacy, Chicago	Abbott Laboratories, Chicago	\$4 875 00
700 14"x18" No. 4548 FA-4S aluminium trays	Residence Halls	J. R. Malone Fixture Co., Danville	1 427 49 f.o.b. Urbana
105 ft. tin lined wood log casing, 11" inside diameter; 18 guides with rollers for use with above log; 105 ft. tin lined wood log casing, 15" inside diameter; 18 special guides for 4" and 1 1/4" pipes	Physical Plant	General Meters & Controls Co., Chicago	1 494 04
40,000 lbs. 25"x38" 70 lb. coated offset book paper	Office Supply Store	Dwight Brothers Paper Co., Chicago	6 528 00 f.o.b. Urbana
One reconditioned nine-foot concert grand piano	Chicago Undergraduate Division	Baldwin Piano Co., Chicago	2 747 88
One No. 6600 industrial laboratory table, 12' long with stone top	Horticulture	Leonard Peterson Co., Chicago	1 032 50 f.o.b. Chicago
79 steers for Wright Farms; the University to pay one-half the cost and the tenant to pay the other half	Agricultural Economics	Chicago Producers Commission Assn., Chicago	6 565 51
One tractor, broom, and snow plow for sidewalk and parking lot maintenance	Chicago Physical Plant	Roseman Tractor Equipment Co., Evanston	1 942 00
208 gross round head brass machine screws; 127 gross flat head brass ditto; 160 gross fillister head brass ditto; 159 gross round head iron ditto; 94 gross flat head iron ditto; 85 gross fillister head iron ditto; 132 gross round head iron wood screws; 104 gross flat head iron ditto; 138 gross round head brass ditto; 122 gross flat head brass ditto; 101 gross brass hexagon nuts; 50 gross steel hexagon nuts	Physics	C. H. Besly & Co., Chicago	1 200 00
Rugs for new Women's Residence Hall: one 18"x22'; two 18"x24'; two 13'6"x14'; four 13'6"x16'; one 13'6"x18'; one 11'3"x32'; one 9'x10'; three 6'9"x10'; one 11'3"x10'; to be made from Karagheusian "Tweed Stone" pattern No. 427 grey Two 15'x11'; two 10'6"x10'6"; to be made from Bigelow-Sanford Gross Point No. 4496 1/4" U. S. rubber padding for rugs	Physical Plant	Marshall Field & Co., Chicago	6 789 99
45,000 lbs. (one car load) 40 lb. halftone book paper in 33 1/8" wide by 36" diameter rolls, for printing <i>Alumni News</i>	Alumni Association	C. J. Duffey Paper Co., Rock Island	3 690 00
One G.M. Series "71", model 3-71 Diesel engine	Mechanical Engineering	Detroit Diesel Engine Division, General Motors Corp., Detroit, Mich.	1 039 00

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
6,500 diplomas to be printed on Crane's parchment deed paper from steel plate; names, degrees, and dates to be printed	Office of Admissions and Records	W. M. Welch Diploma House, Chicago	3 380 00
200 cases 4 1/4"x4 1/2" 10 lb. manila toilet tissue, 1,500 sheets a roll, 50 rolls a case; 20 cases 4 1/2"x4 1/2" ditto, 1,000 sheets a roll, 100 rolls a case; 250 cases No. 207 Ft. Howard bleached handfold towels, 10 1/2"x13 1/4", 3,750 towels a case	Physical Plant	Decatur Paper House, Inc., Decatur	2 636 50 f.o.b. mill; carload freight allowed
One lot laboratory (special) and allied accessories	Chemistry	Scientific Glass Apparatus Co., Bloomfield, N.J.	1 692 82 f.o.b. delivered
One E. H. Sargent XXI model polarigraph	Clinical Science, Medicine	E. H. Sargent & Co., Chicago	1 650 00 f.o.b. delivered
Ten Bausch & Lomb model B-8 microscopes complete with accessories	Horticulture	E. H. Sargent & Co., Chicago	2 340 00 f.o.b. Urbana
Venetian blinds to be installed in the new Mechanical Engineering Building	Physical Plant	Mackin Venetian Blind Co., Momence	7 277 52 installed
One Farmall M tractor	Agricultural Administration	Power Farm Implement Co., Champaign	2 091 86 f.o.b. delivered
Five 28LG Spencer stereoscopic microscopes; one 5LRK Spencer research microscope; four 5LRK Spencer research microscopes	Botany	W. H. Kessel & Co., Chicago	7 950 60
One 3/4-ton Ford V-8 pickup truck to replace one 1940 one-ton truck	Agricultural Administration	Barham-Green, Inc., Harrisburg	1 400 02
Two 1/2-ton Ford V-8 pickup trucks to replace one 1941 Ford pickup and one army jeep	Agricultural Administration	Barham-Green, Inc., Harrisburg	2 316 72
4,000 board feet of the following: 1" select air dried rough cypress 8" and wider 10'-16' long; 2" select air dried rough cypress 8" and wider 10'-16' long; 1 1/4" select air dried rough cypress 8" and wider 10'-16' long 1" select kiln dried rough cypress 8" and wider 10'-16' long; 2" select kiln dried rough cypress 8" and wider 10'-16' long	Physical Plant	Beckemier-Jansen Lumber Co., St. Louis, Mo.  Schreiber Lumber Co., Chicago	3 116 00  1 900 00
300 Mitchell model No. 600 study lamps	Residence Halls	Efengee Electrical Supply Co., Chicago	1 049 58 f.o.b. Chicago

### Purchases Authorized by the President of the University

The following purchases have been authorized by the President of the University on the recommendations of the Director of Purchases and the Comptroller. Unless otherwise specified the purchases were made on the basis of lowest bids.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
34,500 lbs. .100"x.250" double paper single cotton covered magnet wire. Wire type same as per Allis-Chalmers Dwg. No. 01-102-616 Spec. 01-603729-00-400. This wire is to be shipped to the New York Naval Shipyard to be used in building a large bias reactor for the 300 MEV betatron.	Physics	Anaconda Wire & Cable Co., Chicago	\$14 238 15 f.o.b. delivered
One Ford 8-cylinder custom 4-door sedan to replace 1941 Ford sedan	Agricultural Administration	Holder Motor Sales, Vienna	1 250 60

**GIFTS AND GRANTS OF FUNDS FOR RESEARCH  
AND OTHER PURPOSES***Gifts*

1. Asthmatic Children's Aid of Chicago, \$10,000 in support of the Allergy Unit, College of Medicine.
2. Mr. Philip S. Bloom, Chicago, \$2,400 for the Bloom Research Fellowship in the Allergy Unit, College of Medicine.
3. Additions to the Orthopaedic Gift Fund for Children: Ridge Service Guild, Chicago, \$500; Women of the Rotary Club of Chicago, \$799.50; Evanston Drama Club, Evanston, \$350.
4. Mr. Roy W. Godley, Agricultural Counsel for the Kroger Company, Cincinnati, Ohio, \$1,200 for scholarships in Home Economics, College of Agriculture, during the year 1948-1949.
5. Peabody Coal Company, \$600 for scholarships in Mining Engineering.
6. The Chicago Farmers, \$500 for a scholarship in the College of Agriculture.
7. Illinois Mining Institute, \$500 for scholarships in Mining Engineering during the year 1948-1949.
8. Old Ben Coal Corporation, Chicago, \$400 for scholarships during the year 1948-1949.
9. Graham-Hoeme Plow Company, Inc., of Amarillo, Texas, a "Graham Hoeme" plow for use at the Dixon Springs Experiment Station.
10. Mr. Alfred E. Pickard, President of the Central Mine Supply Company, Mt. Vernon, Illinois, \$200 in support of the Alfred E. Pickard Scholarship in Engineering.
11. Mr. Joseph Worrell, Class of 1913, St. Paul, Nebraska, \$200 for undergraduate scholarships. Mr. Worrell was given a scholarship for one year at the time he attended the University and he desires to pay something for the benefits he received.
12. For a traveling fund for the residents, instructors, and younger men of the staff in the Department of Pediatrics so that they may attend medical meetings: Parents of a child in South Bend, Indiana (Dr. H. G. Poncher was called into consultation regarding this case), \$100; Betty W. Garnitz, South Bend, Indiana, \$15.
13. William Demmler and Brothers, Kewanee, a Demmler core-blowing machine for the foundry laboratory at the Chicago Undergraduate Division.
14. Congressman Rolla C. McMillen, Decatur, clothbound sets of the Annual Reports of the American Historical Association covering the years 1934 to 1942.
15. The Berkelhamer family of Chicago, \$100 in support of the Dr. Ralph C. Berkelhamer Scholarship.

*Grants for Research*

1. Illinois Seed Producers Association, \$3,167.65 for corn research in the Department of Agronomy.
2. Campbell Soup Company, \$100 for research on vegetable crops in the Department of Horticulture.
3. Illinois State Horticultural Society, \$1,200 for orchard nutrition studies in the Department of Horticulture.
4. Midwest Barley Improvement Association, \$100 for continuation of barley variety fertilizer tests in northern Illinois.
5. For development of the Northern Illinois Experimental Field: De Kalb County Farm Bureau, \$10,000; Mr. Preston Woods, Waterman, \$1,000; Mr. William Wyffels, Geneseo, \$100.
6. VioBin Corporation, Monticello, \$1,000 for study of the nutrients other than vitamin E contained in wheat germ oil.
7. Abbott Laboratories, Eli Lilly and Company, Parke, Davis, and Company, and the Upjohn Company, \$25,000 for continuation of research in the chemistry of antibiotic substances during the academic year 1948-1949.

8. Allied Chemical & Dye Corporation, New York City, \$2,400 plus tuition in support of two fellowships of \$1,200 each in chemistry during the academic year 1948-1949.

9. American Cyanamid Company, Bound Brook, New Jersey, \$3,000 in support of a postdoctoral fellowship in chemistry during the academic year 1948-1949.

10. Cincinnati Chemical Works, Inc., Norwood, Ohio, \$1,000 in continued support of a fellowship in chemistry during the academic year 1948-1949.

11. Eastman Kodak Company, Rochester, New York, \$1,500 for continuation of a fellowship in chemistry during the academic year 1948-1949.

12. E. I. du Pont de Nemours & Company, Inc., Wilmington, Delaware, \$4,500 in support of a postdoctoral fellowship in chemistry (stipend of \$3,000 and \$1,500 to the University for necessary equipment and supplies in connection with the research) during the academic year 1948-1949; \$2,800 in support of a postgraduate fellowship in electrical engineering (stipend of \$1,800 and \$1,000 to the University for expense in connection with the research) during the academic year 1948-1949.

13. General Aniline and Film Corporation, Easton, Pennsylvania, \$1,395.63 in continuation of a fellowship in chemistry during the academic year 1948-1949.

14. Graham, Crowley, and Associates, Inc., Chicago, \$4,500 for the renewal of three graduate fellowships in chemistry.

15. Röhm & Haas Company, Philadelphia, \$1,200 for continuation of a fellowship in chemistry during the academic year 1948-1949.

16. Smith, Kline, and French Laboratories, Philadelphia, \$1,000 for continuation of the Walter G. Karr Fellowship during the academic year 1948-1949.

17. Standard Oil Company of California, San Francisco, \$1,250, plus tuition, in support of a graduate fellowship in chemistry during the academic year 1948-1949.

18. Victor Chemical Works, Chicago Heights, \$1,750 for continuation of a research assistantship in inorganic chemistry during the academic year 1948-1949.

19. Western Cartridge Company, Division of Olin Industries, Inc., East Alton, Illinois, \$1,800 for continuation of a fellowship in chemistry, \$1,500 for the stipend and \$300 for the purchase of any special equipment or chemicals which might be needed in connection with the research.

20. The Edward Orton, Jr., Ceramic Foundation, Columbus, Ohio, \$1,200 for continuation of a fellowship in ceramic engineering during the academic year 1948-1949, \$1,000 for the stipend and \$200 for miscellaneous expenses.

21. Pittsburgh Consolidation Coal Company, Pittsburgh, \$2,250 for continuation of a fellowship in chemical engineering during the academic year 1948-1949, \$1,250 for the stipend and \$1,000 for tuition and other fees and to cover expenses incidental to the research.

22. Shell Fellowship Committee, New York City, \$3,000 plus tuition fees in support of two fellowships, one in geology and one in chemical engineering, during the academic year 1948-1949, \$1,200 for the stipend in each case and \$300 to each department for expenses related to the research projects. If the fellows should be veterans, the Company will pay only the excess of fees and tuition over \$500.

23. Standard Oil Company of Indiana, \$450 for extension of a fellowship in Civil Engineering during June, July, and August, 1948.

24. Music Research Foundation, Inc., Washington, D.C., \$1,200 in support of a research fellowship in the Department of Psychology to be known as "The Bonfils Fellowship for Music Research."

25. National Cancer Institute, \$6,912 for studies to ascertain dyes which stain gastric mucosa when taken orally and susceptibility of monkey's stomach to heat and condiments, for one year beginning June 10, 1948.

26. United States Public Health Service, \$5,500 for investigation by the Department of Bacteriology, College of Medicine, of the physiological effects of the influenza virus on the host, for one year from July 1, 1948.

27. John and Mary R. Markle Foundation, \$5,000 for studies in therapy in infants and children by the Department of Pediatrics, for one year from September 1, 1948.

28. Bristol Laboratories, Syracuse, New York, \$1,800 a year for a two-year period covering the academic years 1947-1948 and 1948-1949, in support of a fellowship in pathology.

29. American Cancer Society, \$11,581.50 a year from October 1, 1946, through June 30, 1948, for research studies of relations between nucleus and cytoplasm by the Department of Pathology.

30. American Foundation for Pharmaceutical Education, \$900 for the renewal of a fellowship in Pharmacognosy for one year beginning September 1, 1948; \$600 for the renewal of a fellowship in Pharmacy for one year beginning October 1, 1948.

31. Life Insurance Medical Research Fund, \$300 for research by the Department of Physiology, College of Medicine, in the treatment and prophylaxis of experimental hypertension.

32. United States Public Health Service, \$11,800 for a study of the neurophysiological basis of epilepsy by the Department of Psychiatry.

33. American Medical Association, Committee on Scientific Research, \$1,000 for research on studies on pancreatic function by the Department of Surgery.

34. Abbott Laboratories, \$250 for studies on absorption of intraperitoneal fluids by the Department of Surgery.

35. The Upjohn Company, \$2,844 for continuation of the study of the use of gelatin sponge in thoracic surgery by the Department of Surgery.

36. American Pharmaceutical Association, \$850 for the study of adjusted ophthalmic solutions during the period July 1, 1948, to July 31, 1949, by the Department of Ophthalmology and the Illinois Eye and Ear Infirmary.

37. Illinois Federation of Women's Clubs, \$2,000 for a fellowship in cancer in the Tumor Clinic, College of Medicine.

38. Dr. and Mrs. William R. Read, Dr. and Mrs. Otto Konzelman, Dr. and Mrs. Anthony Linowieski, and Dr. and Mrs. R. M. Hutchinson, all of Chicago, \$50 to be used for cancer research in the Tumor Clinic.

39. United States Public Health Service, \$9,990 for research on a quantitative method of indexing gingival disease and to determine the index of gingival disease in representative groups in the United States, by the Department of Histology, College of Dentistry.

40. Anonymous, \$170 to the Department of Psychiatry.

41. Nutrition Research Laboratory, \$83.33 a month during the months of June, July, August, and September, 1948, for research in arthritis by the Department of Physiology, College of Medicine.

42. Ciba Pharmaceutical Products, \$1,500 for the study of primary irritant qualities and the skin sensitizing propensities of tetrahydrofurfuryl ester of nicotinic acid under the supervision of Dr. A. Rostenberg of the Department of Dermatology.

43. Commonwealth Fund, \$500 to defray the laboratory expenses of a doctor sent by the Commonwealth Fund for advanced training and research in the Department of Pathology, during the year beginning September 1, 1948.

44. Council on White Mineral Oil, \$2,000 for a study of Frazer's partition hypothesis of fat absorption.

45. Dr. C. I. Reed of the Department of Physiology, \$370 for the electron microscope fund.

46. National Committee for Mental Hygiene, Inc., \$500 to be added to the Scottish Rite Masonic Fund for research in dementia praecox under the supervision of the Department of Psychiatry.